

# TEM

On | Off and everything in between



2023



# MODUL



MODUL  
LINE



MODUL  
SOFT



MODUL  
PURE



MODUL  
EDGE

50

# LOGIQ



162

# ekonomik



192

# fontana



230



# TEM

On | Off and everything in between



Mi smo vodeći proizvođač sklopki i utičnica u regiji. Već pola stoljeća svojim korisnicima nudimo pozitivno iskustvo, jednostavnu instalaciju i upotrebu proizvoda te široku paletu boja i materijala koji će zadovoljiti i najzahtjevnije klijente.

*We are the leading manufacturer of switches and sockets in the region. For half a century, we have been providing our users a positive and easy experience, simple installation and use of products, a wide range of colours and materials, which convince even the most demanding.*

# TEM

Dobro došli u MODUL obitelj

Welcome to the MODUL family

Dodajte svojem ambijentu osobnu notu i pokažite svoj stil  
sklopkama i utičnicama iz MODUL obitelji.

*Give your ambience a personal touch and show off your style with  
switches and sockets from MODUL family.*

otkrijte nove dimenzije

discovering new insights



MODUL  

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LINE



MODUL  

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SOFT



MODUL  

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PURE



MODUL  

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EDGE

1

2

MODUL

LINE



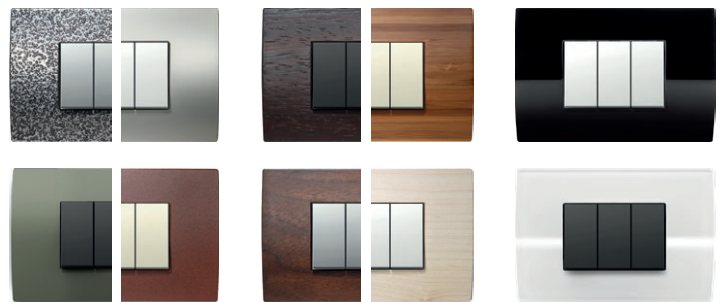
MODUL

SOFT



MODUL

PURE



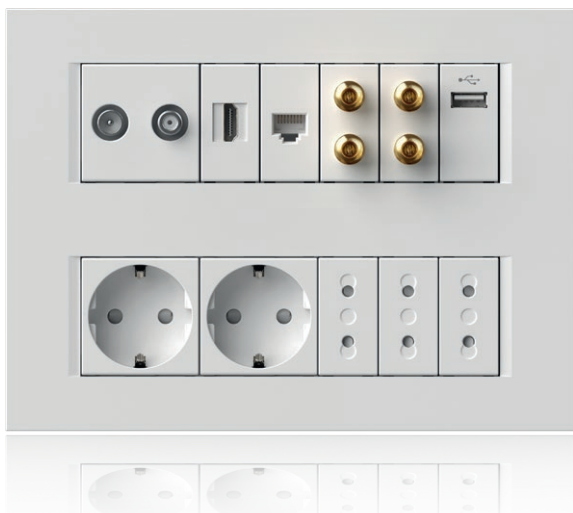
metal

drvo

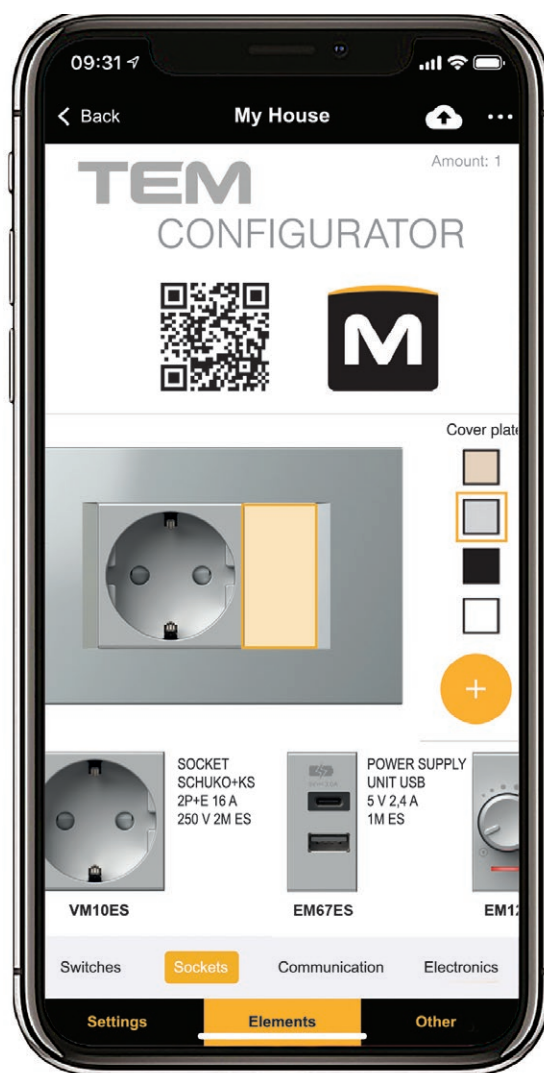
staklo



3



4



MODUL

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LINE



Ravne, glatke linije stvaraju bezvremenski dizajn.

*Straight, smooth lines create a timeless design.*

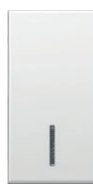




MODUL

LINE

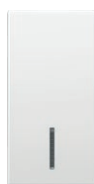
PW



bijela sjajna

*polar white*

MW



bijela mat

*matte white*

IW



bež sjajna

*ivory white*

ES



srebrna mat

*elox silver*

AT



antracit

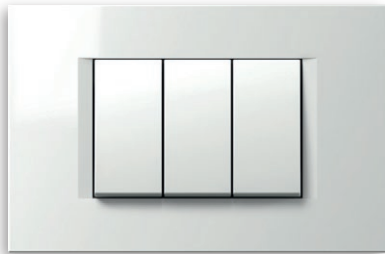
*anthracite*

SB

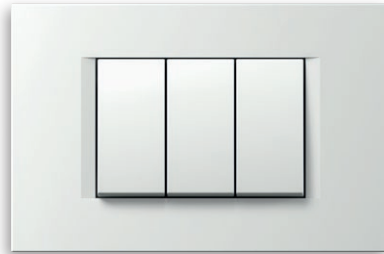


crna mat

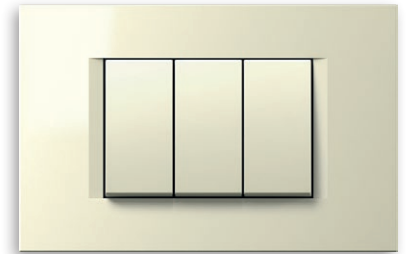
*soft touch  
black*



PW bijela sjajna  
*polar white*



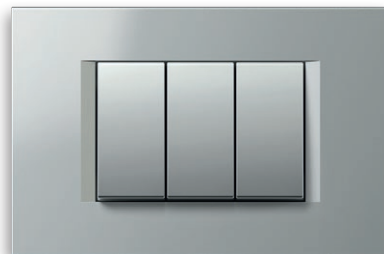
MW bijela mat  
*matte white*



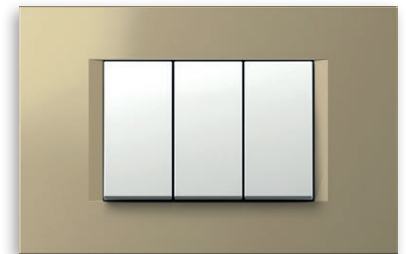
IW bež sjajna  
*ivory white*



SW kamen bijeli  
*stone white*



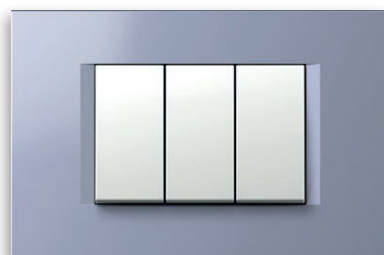
ES srebrna mat  
*elox silver*



SG zlatna mat  
*sand gold*



TI titan  
*titanium*



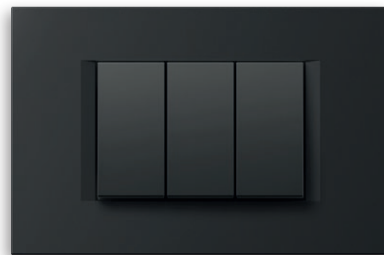
IB plava mat  
*impulse blue*



AT antracit  
*anthracite*



NB crna sjajna  
*night black*



SB crna mat  
*soft touch black*

MODUL

SOFT



Okrugli oblici i meki prijelazi unose mekoću u Vaš dom.

*Rounded shapes and soft transitions bring softness into your home.*





MODUL

SOFT

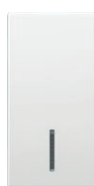
PW



bijela sjajna

*polar white*

MW



bijela mat

*matte white*

IW



bež sjajna

*ivory white*

ES



srebrna mat

*elox silver*

AT



antracit

*anthracite*

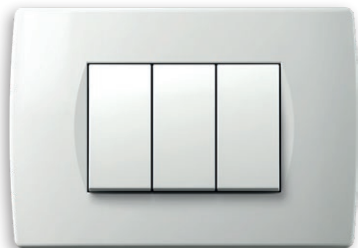
SB



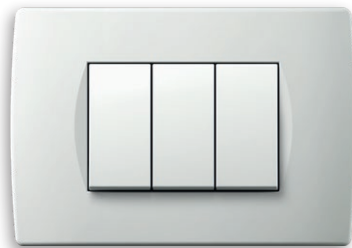
crna mat

*soft touch  
black*

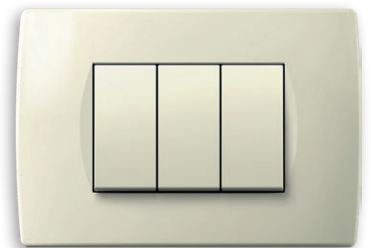




PW bijela sjajna  
*polar white*



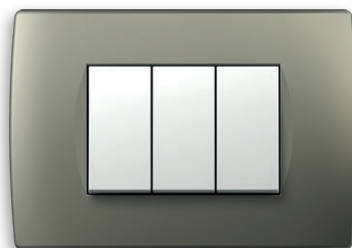
MW bijela mat  
*matte white*



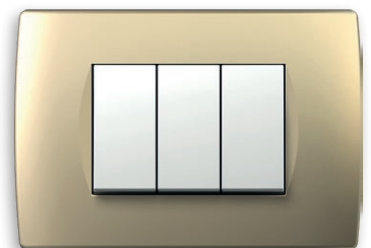
IW bež sjajna  
*ivory white*



ES srebrna mat  
*elox silver*



TI titan  
*titanium*



SG zlatna mat  
*sand gold*



WW titan  
*walnut*



WE wenge  
*wenge*



AT antracit  
*anthracite*



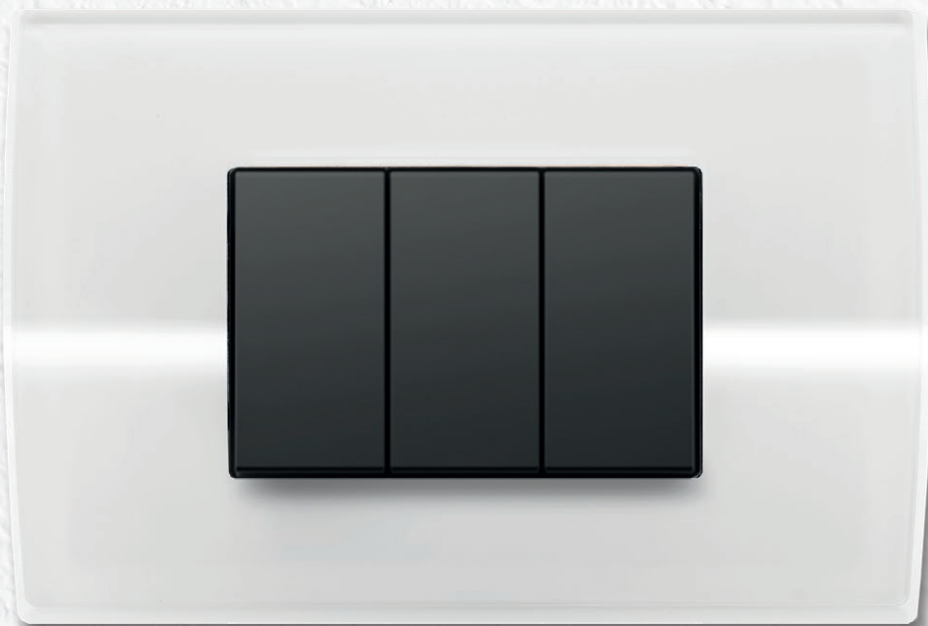
NB crna sjajna  
*night black*



SB crna mat  
*soft touch black*

MODUL

PURE



Detalji nadopunjuju cjelokupni ambijent. Neka priroda obogati Vaš prostor drvenim, stakleni i metalnim okvirima.

*The details represent the completeness of the entire ambience. Let the nature enrich your space with decorative cover plates made of wood, glass and metal.*

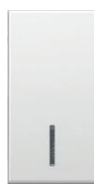




MODUL

PURE

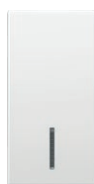
PW



bijela sjajna

*polar white*

MW



bijela mat

*matte white*

IW



bež sjajna

*ivory white*

ES



srebrna mat

*elox silver*

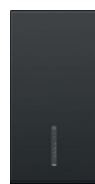
AT



antracit

*anthracite*

SB



crna mat

*soft touch  
black*

**staklo**  
*glass*



GL bijela  
*glass light*

**metal**  
*metal*

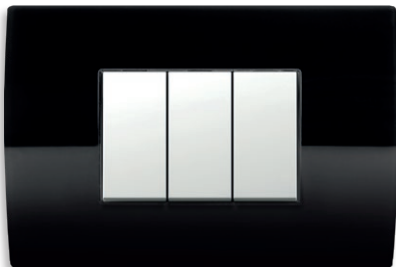


MH kovani čelik  
*hammered steel*

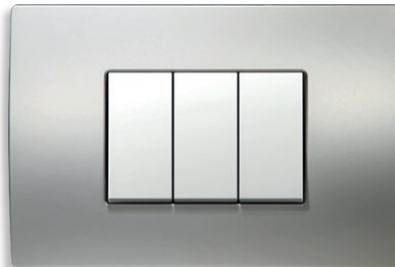
**drvo**  
*wood*



WM javor  
*maple*



GD crna  
*glass dark*



MS satenski srebrna  
*satın silver*



WB bambus  
*bamboo*



MN satenski poniklani  
*satın nickel*



WW orah  
*walnut*



ME lijevano željezo  
*etched iron*



WE wenge  
*wenge*

MODUL

PURE



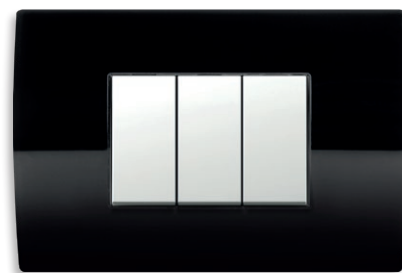
STAKLO – lagano i sofisticirano.  
Neka svježina uđe u Vaš dom.

*GLASS - light and sophisticated.  
Let freshness breeze through your home.*





**staklo**  
*glass*



MODUL

PURE



METAL – hladno, ali elegantno.  
Prigrbite ovaj iskonski materijal koji  
na suptilan način privlači pozornost.

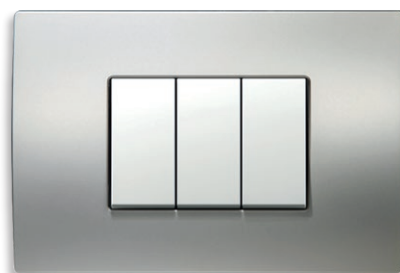
*METAL - cold, yet noble.  
Embrace this pristine material and  
effortlessly catch attention.*







metal  
*metal*



MODUL

PURE



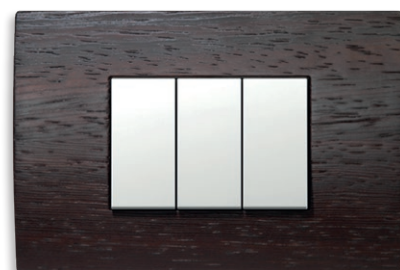
DRVO – raznoliko, ali jedinstveno.  
Pustite toplinu prirode u dom.

*WOOD - versatile, yet unique.  
Give way to nature's warmth.*



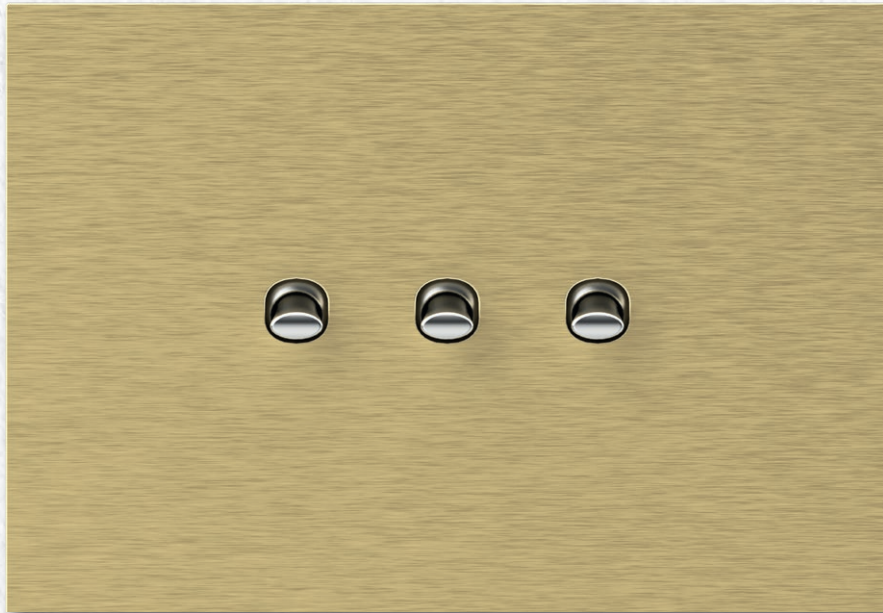


**drvo**  
*wood*



MODUL

EDGE



Nova prestižna linija koja nudi posebno osjetilno i vizualno iskustvo kao nikad prije.

*The new prestigious product line offers a special sensory and visual experience like no other before. Are you bold enough?*





MODUL

EDGE

PB



crna

*black*

PA



antracit

*anthracite*

PG



zlatna

*gold*

PC



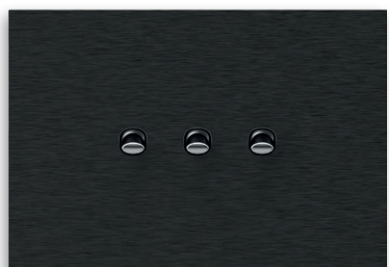
krom

*chrome*

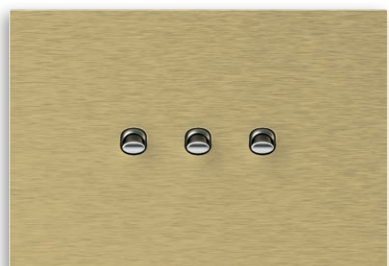
**metal**  
*metal*



MA srebrna  
*silver*

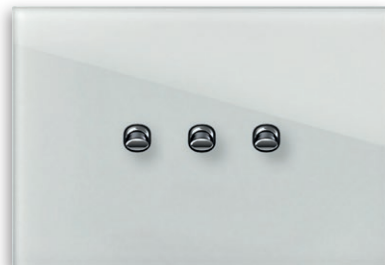


MT antracit  
*anthracite*



MZ zlatna  
*gold*

**staklo**  
*glass*



GL bijela  
*glass light*



GD crna  
*glass dark*

MODUL

EDGE



Čistoća stakla omogućuje svjetlosti da se igra i manifestira u novim staklenim dekorativnim okvirima EDGE. Kontrastne boje zadovoljit će i najprofinjiji ukus.

*The purity of the glass allows the light to playfully manifest in the new EDGE glass decorative cover plates. The two contrast colours satisfy even the most sophisticated taste.*







**staklo**  
*glass*



GL bijela  
*glass light*



GD crna  
*glass dark*

MODUL  
EDGE



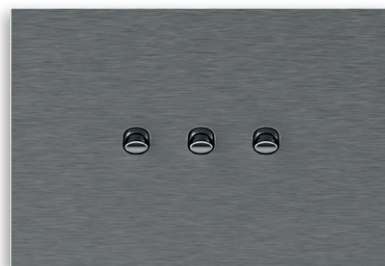
Zahvaljujući impresivnoj obradi, aluminij zablista u novom svjetlu - metalnim dekorativnim okvirima EDGE. U tri doživljava boje vrijednih pažnje.

*Thanks to the impressive treatment, the aluminium shines with a new light – EDGE metal decorative cover plates. The three colours are worthy of your attention.*





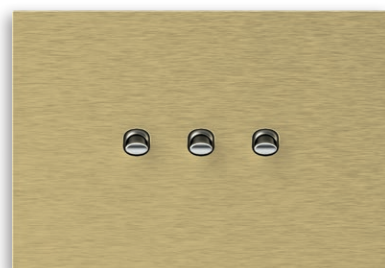
**metal**  
*metal*



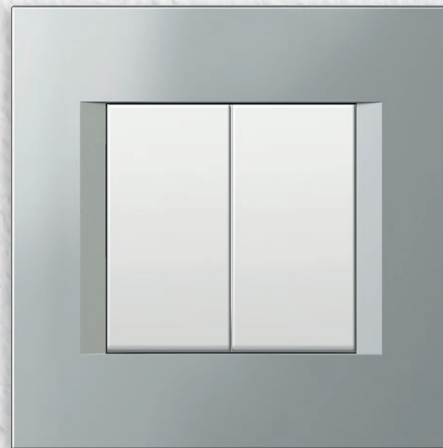
**MA** srebrna  
*silver*




**MT** antracit  
*anthracite*

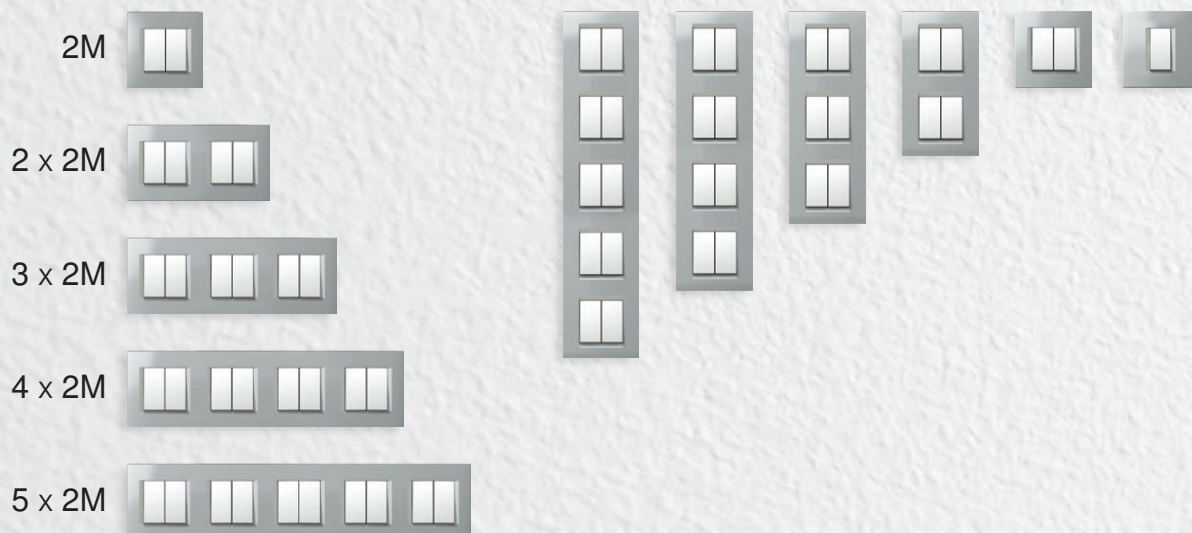
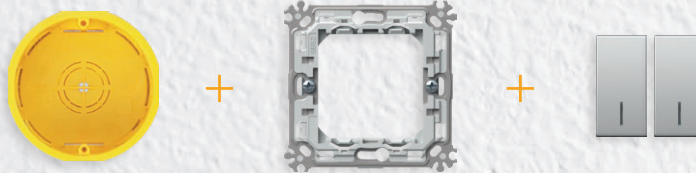


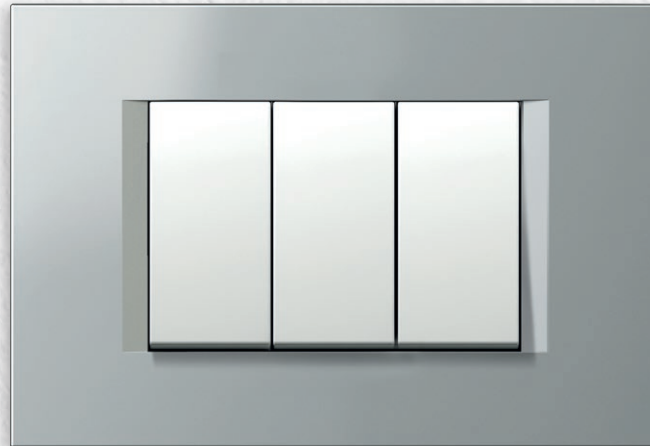
**MZ** zlatna  
*gold*



MODUL

-  LINE
-  SOFT
-  PURE
-  EDGE



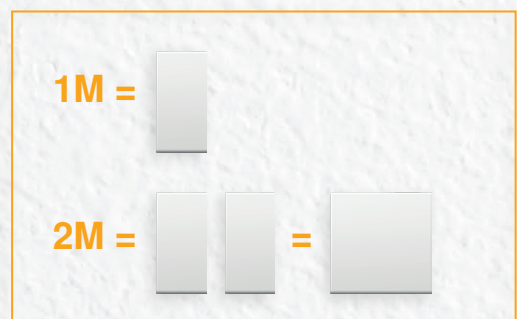
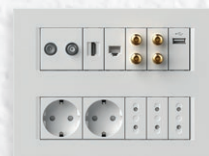


MODUL

- LINE
- SOFT
- PURE
- EDGE



2 x 7M

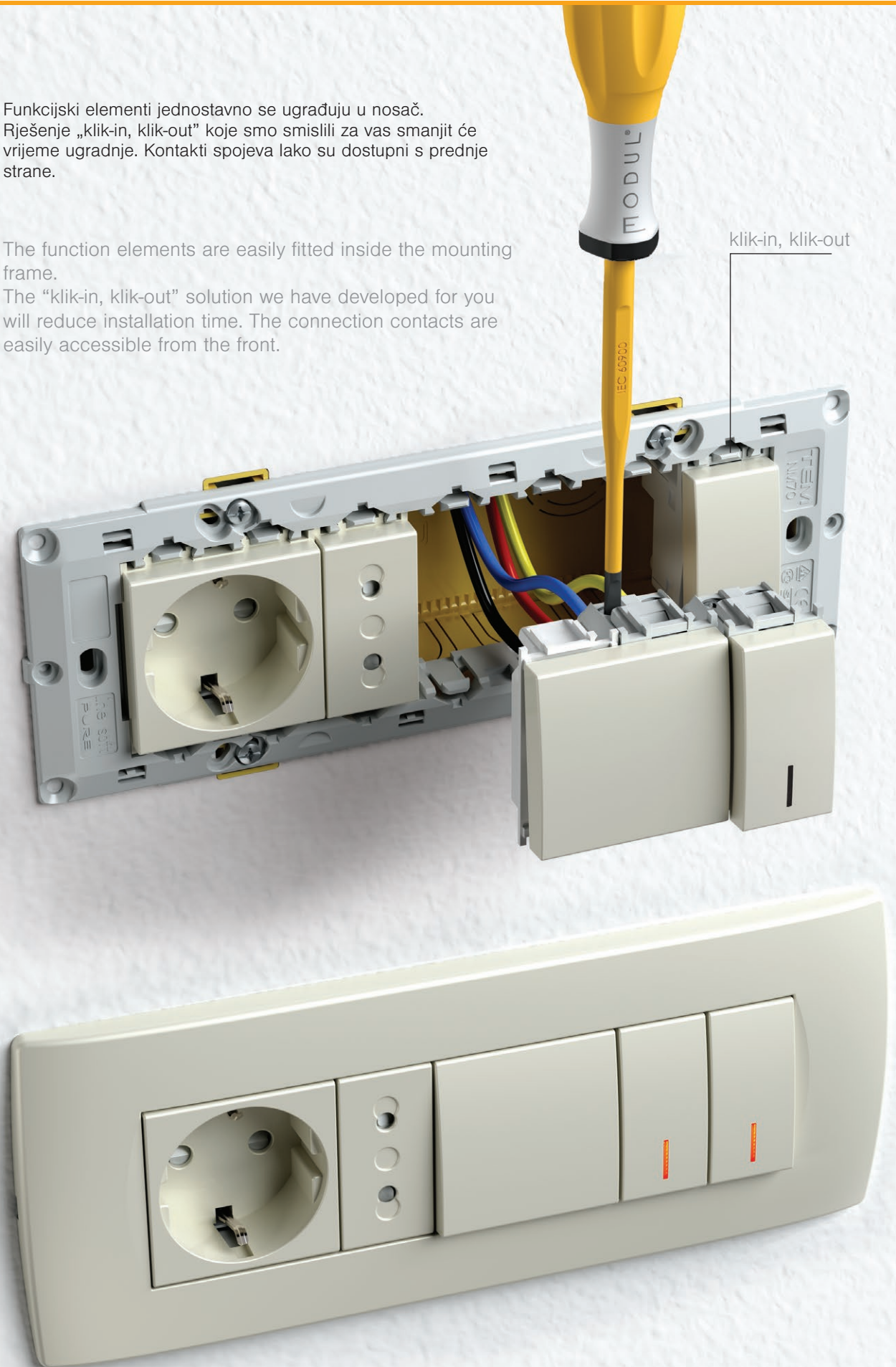


Funkcijski elementi jednostavno se ugrađuju u nosač.  
Rješenje „klik-in, klik-out” koje smo smislili za vas smanjit će vrijeme ugradnje. Kontakti spojeva lako su dostupni s prednje strane.

The function elements are easily fitted inside the mounting frame.

The “klik-in, klik-out” solution we have developed for you will reduce installation time. The connection contacts are easily accessible from the front.

klik-in, klik-out



Modul je prikladan za sve vrste zidova te se može upotrebljavati u konvencionalnim šupljim zidovima ili betonskim konstrukcijama. Jednostavno se ugrađuje i omogućuje Vam kombiniranje pravokutnih ili okruglih kutija na odgovarajućoj udaljenosti. Materijali koji se koriste usklađeni su s visokim standardima.

The Modul is suitable for all wall types and can be used in conventional, hollow wall or concrete constructions. It is easy to install and enables you to combine rectangular or round boxes at the proper distances. The materials used are compliant with high standards.



opeka / brick



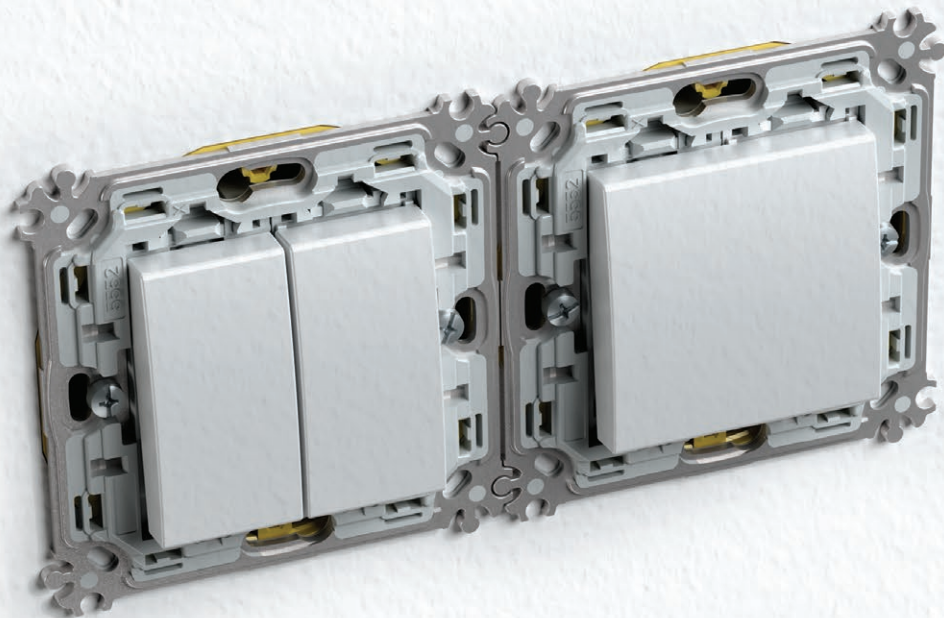
šuplji zid / hollow wall



beton / concrete

Modul pruža mnogobrojne mogućnosti, čak i s okruglim kutijama. Možete ih kombinirati horizontalno ili vertikalno, zasebno ili u grupama. Metalni ugradbeni okvir daje izvrsnu stabilnost, čak i uz grubu upotrebu, te je prikladan za sve okvire.

The Modul enables many possibilities even with round boxes. You can combine them horizontally or vertically, individually or in groups. The metal mounting frame ensures excellent stability even with rough use and is suitable for any decorative cover plates.





**PW**  
bijela sjajna  
polar white



**MW**  
bijela mat  
matte white



**SB**  
crna mat  
soft touch black



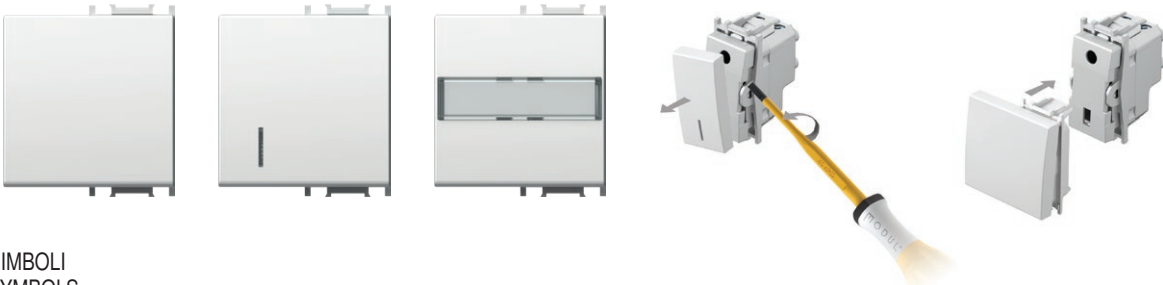
**AT**  
antracit  
anthracite



**ES**  
srebrna mat  
elox silver

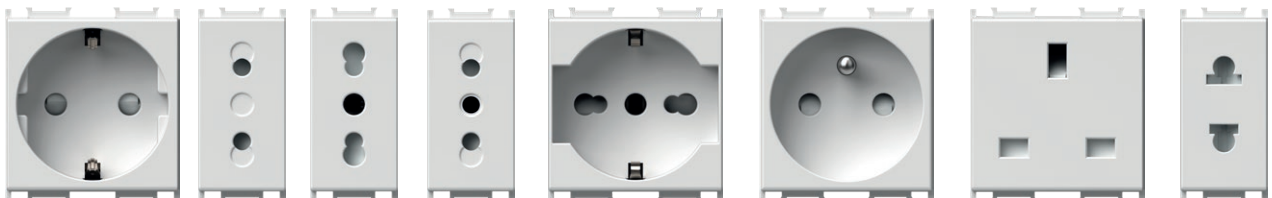


**IW**  
bež sjajna  
ivory white



### SIMBOLI SYMBOLS

01	02	03	04	05	06	07	08	09	10	11	12	13	14	20	21
													1 0 2	+	-
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
					alarm	alarm	OFF	ON	+				AC		
38	39	40	41	42	43	44	45	46	47	48					



Pouzdana spajanje pri upotrebi žica različitih debljina.

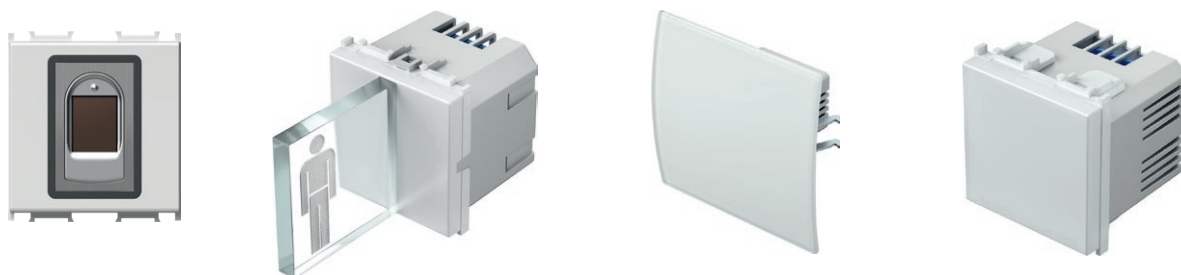
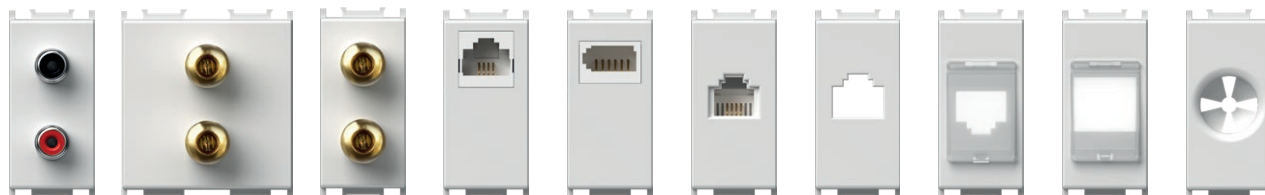
Reliable connection even when different size of wires are used.



Sve su utičnice opremljene sigurnosnim sklopovima koji osiguravaju zaštitu od kontakta s naponom.

All the sockets are equipped with a safety shutters assuring the protection to live contacts.





**IEC**  
**40.000**  
sklopke

Dugotrajnost sklopki te uskladenost s mednarodnim standardima.

*Long-life of switches and adequacy to the international standards.*

**16 AX**  
kontakti

Sklopka je vrlo pouzdana zahvaljujući srebrnim zakovicama kontakata.

*The switch is highly reliable via its silver rivets contacts.*



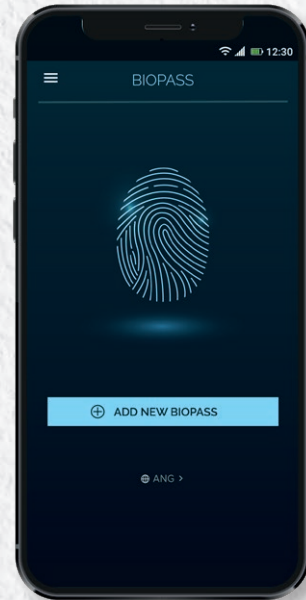


BIOPASS – prekidač na otisak prsta

*BIOPASS - fingerprint switch*

Otključavanje bez ključeva.

*Keyless unlocking.*



MULTIMEDIJA

*MULTIMEDIA*

Multimedijski centar koji omogućuje spajanje više komponenta na jednome mjestu.

*Multimedia center that allows you to connect a multiple number of components in one place.*



## STVORITE JEDINSTVENI PROIZVOD

MAKE IT UNIQUE

Odaberite boju osvjetljenja koja odgovara ambijentu Vašeg prostora.

*Choose a illumination colour and add desired graphic to suit the ambience of your room.*



KREIRAJTE VLASTITE PROIZVODE  
CREATE YOUR OWN

Kada se naručuje veća količina, okviri i funkcijski elementi mogu se izraditi u boji prema Vašem izboru.

*When ordering large quantities, cover plates and function elements can be made in the colour of your choice.*





VIŠENAMJENSKI VREMENSKI RELEJ

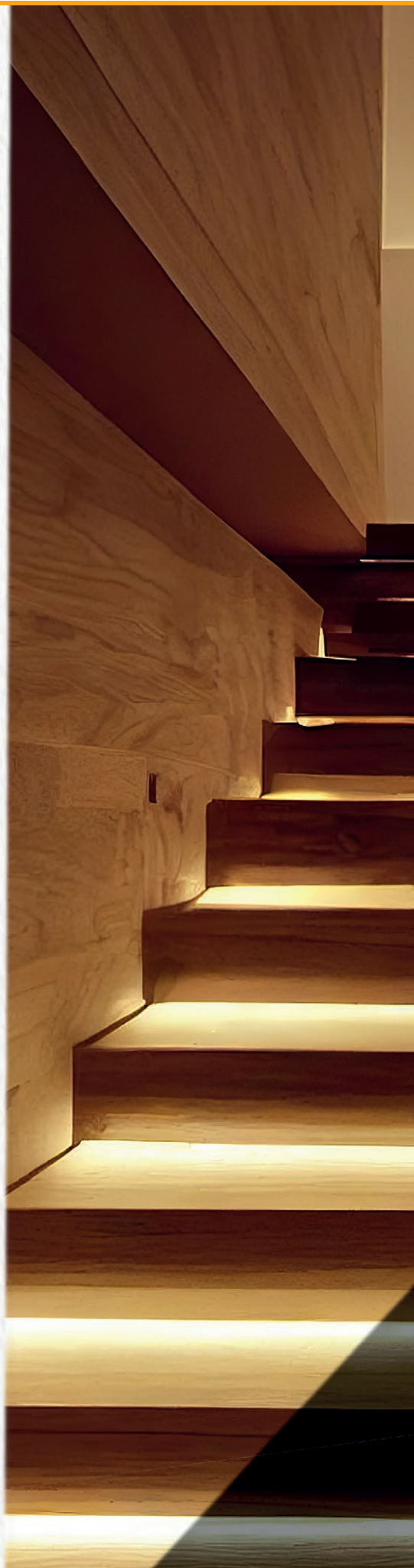
*MULTIPURPOSE TIMER SWITCH*

4 u 1

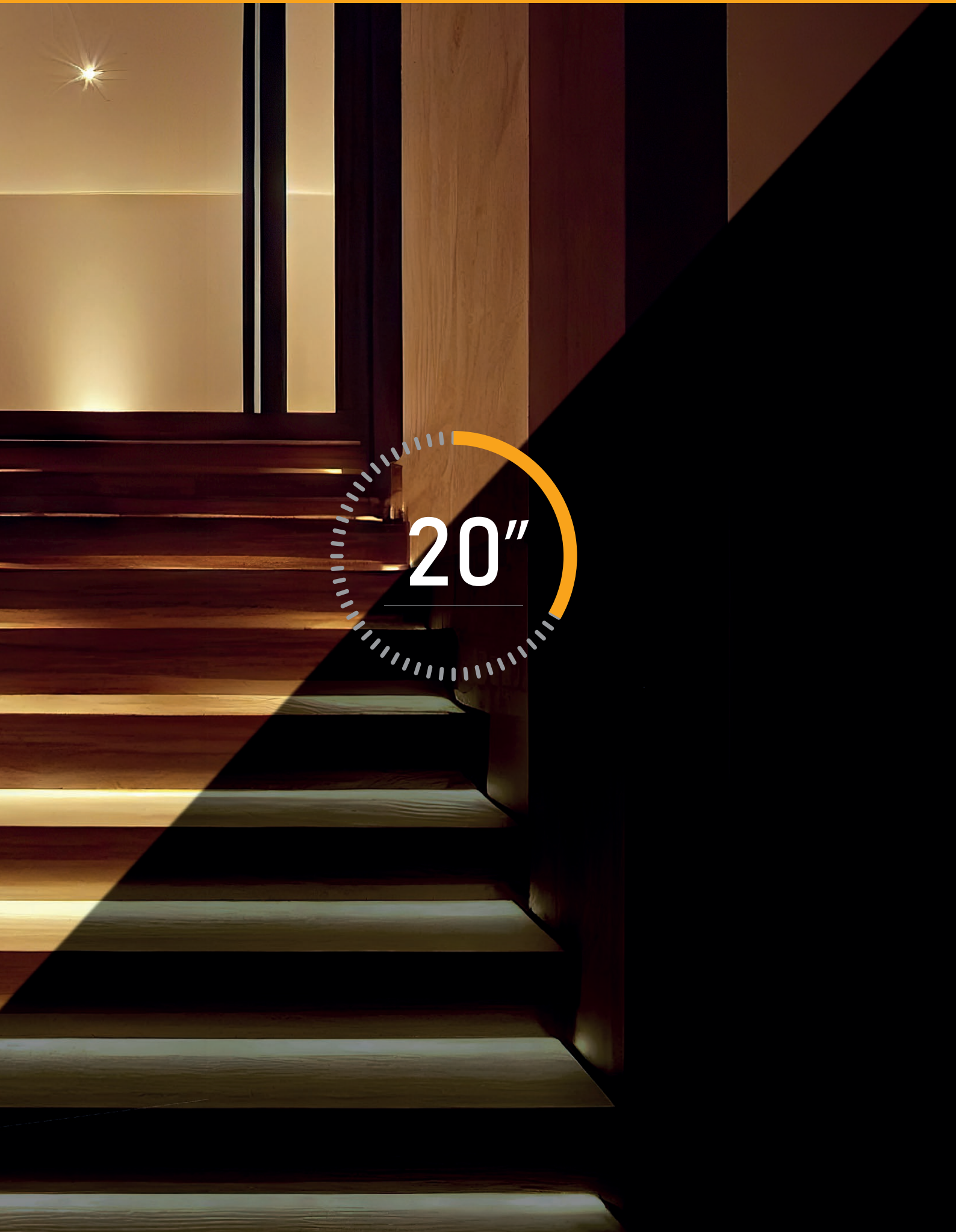
- tajmer
- relej
- tipkalo
- sklopka

4 in 1

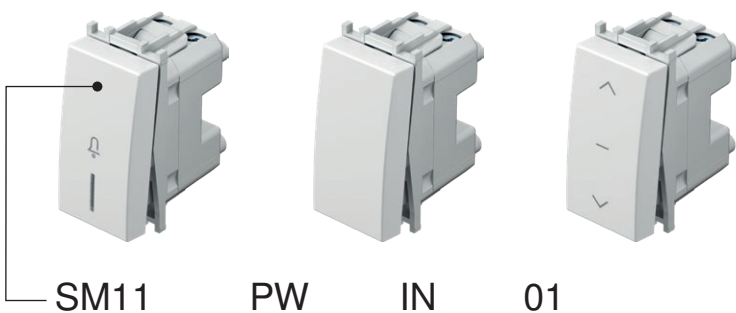
- timer
- relay
- push button
- switch







20"



tip type	naziv description	tehnički podaci technical data	veličina size	boja colour	opcijnski podaci 1 optional data 1	opcijnski podaci 2 optional data 2
SM10	SKLOPKA JEDNOPOLNA SWITCH 1WAY	16AX 250V~	1M	□ PW bijela sjajna polar white	NT neutralna neutral	🔔 01
SM11	TIPKALO JEDNOPOLNO PUSH BUTTON 1WAY	16A 250V~	1M	□ MW bijela mat matte white	IN indikator indicator	🔔 02
SM12	SKLOPKA JEDNOPOLNA SWITCH 1WAY	20A 250V~	1M	■ SB crna mat soft touch black		🔔 03
⋮	⋮	⋮	⋮	■ AT antracit anthracite		
⋮	⋮	⋮	⋮	■ ES srebrna mat elox silver		
⋮	⋮	⋮	⋮	■ IW bež sjajna ivory white		

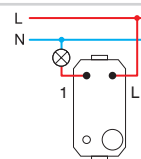
SKLOPKA JEDNOPOLNA 16AX 250V~ 1M



SM10



- sklopka bez tipke
  - 16AX 250V~, tip SM10
  - sukladno normi EN 60669-1
  - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SWITCH 1WAY 16AX 250V~ 1M**
- switch without button
  - 16AX 250V~, type SM10
  - in accordance with EN 60669-1
  - screw contacts 1.5-2.5mm<sup>2</sup>



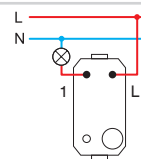
TIPKALO JEDNOPOLNO 16A 250V~ 1M



SM11



- tipkalo bez tipke
  - 16A 250V~, tip SM11
  - sukladno normi EN 60669-1
  - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- PUSH BUTTON 1WAY 16A 250V~ 1M**
- push button without button
  - 16A 250V~, type SM11
  - in accordance with EN 60669-1
  - screw contacts 1.5-2.5mm<sup>2</sup>



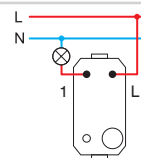
SKLOPKA JEDNOPOLNA 20A 250V~ 1M



SM12



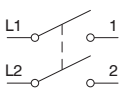
- sklopka bez tipke
  - 20A 250V~, tip SM12
  - sukladno normi EN 60669-1
  - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SWITCH 1WAY 20A 250V~ 1M**
- switch without button
  - 20A 250V~, type SM12
  - in accordance with EN 60669-1
  - screw contacts 1.5-2.5mm<sup>2</sup>



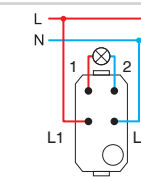
SKLOPKA DVOPOLNA 16AX 250V~ 1M



SM20



- sklopka bez tipke
  - 16AX 250V~, tip SM20
  - sukladno normi EN 60669-1
  - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
  - samo u kombinaciji s tipkom TM15
- SWITCH 2POLE 16AX 250V~ 1M**
- switch without button
  - 16AX 250V~, type SM20
  - in accordance with EN 60669-1
  - screw contacts 1.5-2.5mm<sup>2</sup>
  - only in combination with button TM15



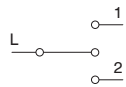
## S W I T C H E S S M



SM40

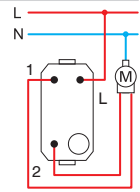
## SKLOPKA ŽALUZIJSKA 1-0-2 16AX 250V~ 1M

- sklopka bez tipke
- 16AX 250V~, tip SM40
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>



## SWITCH SHUTTERS 1-0-2 16AX 250V~ 1M

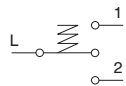
- switch without button
- 16AX 250V~, type SM40
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>



SM41

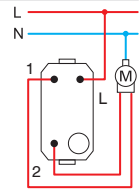
## TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M

- tipkalo bez tipke
- 16A 250V~, tip SM41
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>



## PUSH BUTTON SHUTTERS 1-0-2 16A 250V~ 1M

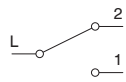
- push button without button
- 16A 250V~, type SM41
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>



SM60

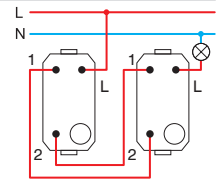
## SKLOPKA IZMJENIČNA 16AX 250V~ 1M

- sklopka bez tipke
- 16AX 250V~, tip SM60
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>



## SWITCH 2WAY 16AX 250V~ 1M

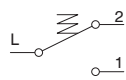
- switch without button
- 16AX 250V~, type SM60
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>



SM61

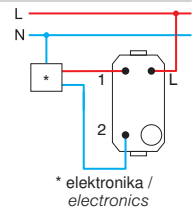
## TIPKALO IZMJENIČNO 16A 250V~ 1M

- tipkalo bez tipke
- 16A 250V~, tip SM61
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>



## PUSH BUTTON 2WAY 16A 250V~ 1M

- push button without button
- 16A 250V~, type SM61
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>



SM70

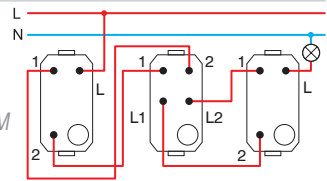
## SKLOPKA KRIŽNA 16AX 250V~ 1M

- sklopka bez tipke
- 16AX 250V~, tip SM70
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>

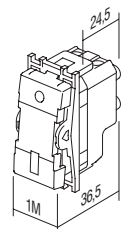
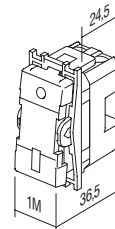


## SWITCH INTERMEDIATE 16AX 250V~ 1M

- switch without button
- 16AX 250V~, type SM70
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>



1M = 22,5 x 45  
2M = 45 x 45





PW bijela sjajna  
*polar white*



SB crna mat  
*soft touch black*



AT antracit  
*anthracite*



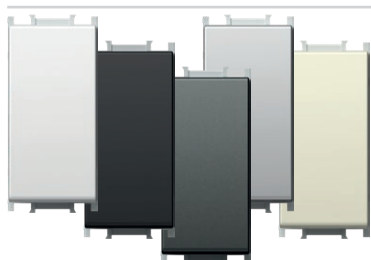
ES srebrna mat  
*elox silver*



IW bež sjajna  
*ivory white*

MW bijela mat  
*matte white*

### SKLOPKA JEDNOPOLNA 16AX 250V~ 1M



- SM10PW
- SM10MW
- SM10SB
- SM10AT
- SM10ES
- SM10IW

- 16AX 250V~, tip SM10
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- zamjenjiva tipka

#### SWITCH 1WAY 16AX 250V~ 1M

- 16AX 250V~, type SM10
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- replaceable button



### SKLOPKA JEDNOPOLNA 16AX 250V~ 1M \_\_ IN



- SM10PWIN
- SM10MWIN
- SM10SBIN
- SM10ATIN
- SM10ESIN
- SM10IWIN

- IN indikator
- 16AX 250V~, tip SM10
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- tinjalica nije ugrađena
- zamjenjiva tipka

#### SWITCH 1WAY 16AX 250V~ 1M \_\_ IN

- IN indicator
- 16AX 250V~, type SM10
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- lamp is not included
- replaceable button



### TIPKALO JEDNOPOLNO 16A 250V~ 1M



- SM11PW
- SM11MW
- SM11SB
- SM11AT
- SM11ES
- SM11IW

- 16A 250V~, tip SM11
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- zamjenjiva tipka

#### PUSH BUTTON 1WAY 16A 250V~ 1M

- 16A 250V~, type SM11
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- replaceable button



### TIPKALO JEDNOPOLNO 16A 250V~ 1M \_\_ IN 01



- SM11PWIN01
- SM11MWIN01
- SM11SBIN01
- SM11ATIN01
- SM11ESIN01
- SM11IWIN01

- indikatorsko zvono IN 01
- 16A 250V~, tip SM11
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- tinjalica nije ugrađena
- zamjenjiva tipka

#### PUSH BUTTON 1WAY 16A 250V~ 1M \_\_ IN 01

- IN 01 indicator bell
- 16A 250V~, type SM11
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- lamp is not included
- replaceable button



## S W I T C H E S S M

## TIPKALO JEDNOPOLNO 16A 250V~ 1M \_\_ IN 02



- SM11PWIN02 - svjetlosna indikacija IN 02
- SM11MWIN02 - 16A 250V~, tip SM11
- SM11SBIN02 - sukladno normi EN 60669-1
- SM11ATIN02 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SM11ESIN02 - tinjalica nije ugrađena
- SM11WIN02 - zamjenjiva tipka

*PUSH BUTTON 1WAY 16A 250V~ 1M \_\_ IN 02*

- IN 02 indicator light
- 16A 250V~, type SM11
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- lamp is not included
- replaceable button



## SKLOPKA DVOPOLNA 16AX 250V~ 1M \_\_ NT 03



- SM20PWNT03 - NT 03 neutralna 0-1
- SM20MWNT03 - 16AX 250V~, tip SM20
- SM20SBNT03 - sukladno normi EN 60669-1
- SM20ATNT03 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SM20ESNT03 - zamjenjiva tipka
- SM20IWNT03

*SWITCH 2POLE 16AX 250V~ 1M \_\_ NT 03*

- NT 03 neutral 0-1
- 16AX 250V~, type SM20
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- replaceable button



## SKLOPKA DVOPOLNA 16AX 250V~ 1M \_\_ IN



- SM20PWIN - IN indikator
- SM20MWIN - 16AX 250V~, tip SM20
- SM20SBIN - sukladno normi EN 60669-1
- SM20ATIN - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SM20ESIN - tinjalica nije ugrađena
- SM20IWIN - zamjenjiva tipka

*SWITCH 2POLE 16AX 250V~ 1M \_\_ IN*

- IN indicator
- 16AX 250V~, type SM20
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- lamp is not included
- replaceable button



## SKLOPKA ŽALUZIJSKA 1-0-2 16AX 250V~ 1M \_\_ NT 10



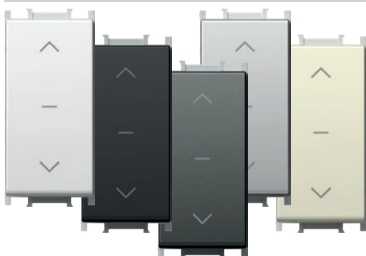
- SM40PWNT10 - NT 10 neutralna 1-0-2
- SM40MWNT10 - 16AX 250V~, tip SM40
- SM40SBNT10 - sukladno normi EN 60669-1
- SM40ATNT10 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SM40ESNT10 - zamjenjiva tipka
- SM40IWNT10

*SWITCH SHUTTERS 1-0-2 16AX 250V~ 1M \_\_ NT 10*

- NT 10 neutral 1-0-2
- 16AX 250V~, type SM40
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>
- replaceable button



## TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M \_\_ NT 10



- SM41PWNT10 - NT 10 neutralna 1-0-2
- SM41MWNT10 - 16A 250V~, tip SM41
- SM41SBNT10 - sukladno normi EN 60669-1
- SM41ATNT10 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SM41ESNT10 - zamjenjiva tipka
- SM41IWNT10

*PUSH BUTTON SHUTTERS 1-0-2 16A 250V~ 1M \_\_ NT 10*

- NT 10 neutral 1-0-2
- 16A 250V~, type SM41
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>
- replaceable button



## SKLOPKA IZMJENIČNA 16AX 250V~ 1M



- SM60PW - 16AX 250V~, tip SM60
- SM60MW - sukladno normi EN 60669-1
- SM60SB - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- SM60AT - zamjenjiva tipka
- SM60ES
- SM60IW

*SWITCH 2WAY 16AX 250V~ 1M*

- 16AX 250V~, type SM60
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm<sup>2</sup>
- replaceable button



TIPKALO IZMJENIČNO 16A 250V~ 1M



- SM61PW
- SM61MW
- SM61SB
- SM61AT
- SM61ES
- SM61IW

- 16A 250V~, tip SM61  
 - sukladno normi EN 60669-1  
 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>  
 - zamjenjiva tipka

*PUSH BUTTON 2WAY 16A 250V~ 1M*

- 16A 250V~, type SM61  
 - in accordance with EN 60669-1  
 - screw contacts 1.5-2.5 mm<sup>2</sup>  
 - replaceable button



TIPKALO IZMJENIČNO S UZICOM 16A 250V~ 1M \_\_ CD



- SM62PWCD
- SM62MWCD
- SM62SBCD
- SM62ATCD
- SM62ESCD
- SM62IWCD

- CD indikator + uzica  
 - duljina uzice 1,5 m  
 - 16A 250V~, tip SM62  
 - sukladno normi EN 60669-1  
 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>

*PUSH BUTTON 2WAY WITH CORD 16A 250V~ 1M \_\_ CD*

- CD indikator+cord  
 - cord lenght 1.5m  
 - 16A 250V~, type SM62  
 - in accordance with EN 60669-1  
 - screw contacts 1.5-2.5 mm<sup>2</sup>



SKLOPKA KRIŽNA 16AX 250V~ 1M



- SM70PW
- SM70MW
- SM70SB
- SM70AT
- SM70ES
- SM70IW

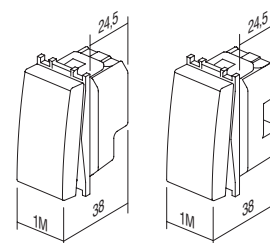
- 16AX 250V~, tip SM70  
 - sukladno normi EN 60669-1  
 - vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>  
 - zamjenjiva tipka

*SWITCH INTERMEDIATE 16AX 250V~ 1M*

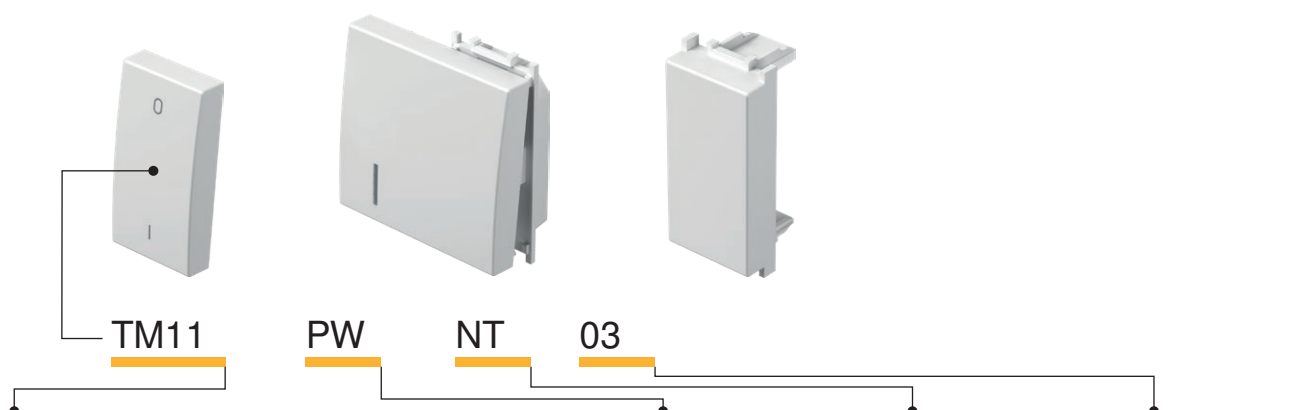
- 16AX 250V~, type SM70  
 - in accordance with EN 60669-1  
 - screw contacts 1.5-2.5 mm<sup>2</sup>  
 - replaceable button



1M = 22,5 x 45  
 2M = 45 x 45

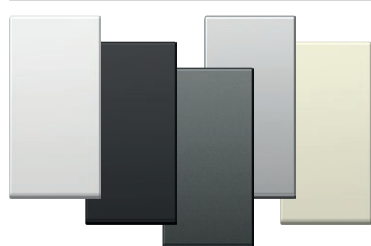


## B U T T O N S T M



tip type	naziv description	veličina size	boja colour	opcijski podaci 1 optional data 1	opcijski podaci 2 optional data 2
TM11	TIPKA BUTTON	1M	<input type="checkbox"/> PW bijela sjajna polar white	NT neutralna neutral	01
TM12	TIPKA BUTTON	2M	<input type="checkbox"/> MW bijela mat matte white	IN indikator indicator	02
TM21	SLIJEPI ELEMENT BLANK	1M	<input checked="" type="checkbox"/> SB crna mat soft touch black		03
:	:	:	<input checked="" type="checkbox"/> AT antracit anthracite		
:	:	:	<input type="checkbox"/> ES srebrna mat elox silver		
:	:	:	<input type="checkbox"/> IW bež sjajna ivory white		

## TIPKA 1M



- TM11PW
- TM11MW
- TM11SB
- TM11AT
- TM11ES
- TM11IW

- zamjenjiva tipka 1M  
- sukladno normi EN 60669-1

## BUTTON 1M

- replaceable button 1M  
- in accordance with EN 60669-1



## TIPKA 1M INDIKATOR



- TM11PWIN
- TM11MWIN
- TM11SBIN
- TM11ATIN
- TM11ESIN
- TM11IWIN

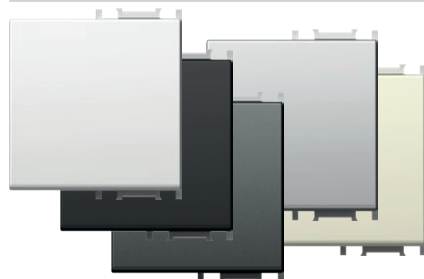
- zamjenjiva tipka 1M  
- sukladno normi EN 60669-1

## BUTTON 1M INDICATOR

- replaceable button 1M  
- in accordance with EN 60669-1



## TIPKA 2M



- TM12PW
- TM12MW
- TM12SB
- TM12AT
- TM12ES
- TM12IW

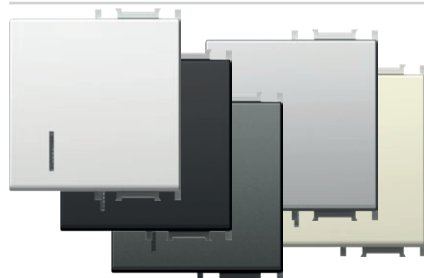
- zamjenjiva tipka 2M s nosačem tipke  
- za nadogradnju sklopke ili tipke  
s veličine 1M na veličinu 2M.  
- sukladno normi EN 60669-1

## BUTTON 2M

- replaceable button 2M with button carrier  
- to upgrade switch or push button  
from size 1M to size 2M  
- in accordance with EN 60669-1



## TIPKA 2M INDIKATOR



- TM12PWIN
- TM12MWIN
- TM12SBIN
- TM12ATIN
- TM12ESIN
- TM12IWIN

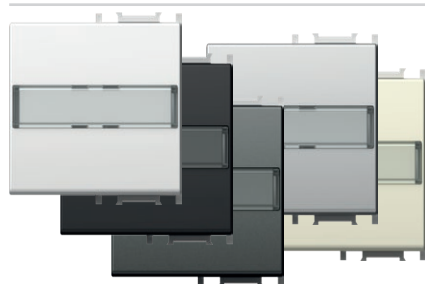
- zamjenjiva tipka 2M s nosačem tipke  
- za nadogradnju sklopke ili tipke  
s veličine 1M na veličinu 2M.  
- sukladno normi EN 60669-1

## BUTTON 2M INDICATOR

- replaceable button 2M with button carrier  
- to upgrade switch or push button  
from size 1M to size 2M  
- in accordance with EN 60669-1



TIPKA 2M S NATPISNOM PLOČICOM



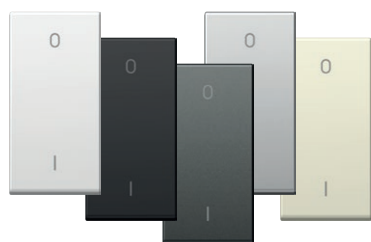
- TM13PWIL
- TM13MWIL
- TM13SBIL
- TM13ATIL
- TM13ESIL
- TM13IWIL

- zamjenjiva tipka 2M s nosačem tipke  
 - upotrebljava se pri nadogradnji sklopke ili tipkala od veličine 1M na veličinu 2M  
 - sukladno normi EN 60669-1

*BUTTON 2M WITH INSCRIPTION PLATE*  
 - replaceable button 2M with button carrier  
 - to upgrade switch or push button from size 1M to size 2M  
 - in accordance with EN 60669-1



TIPKA 1M DVOPOLNA



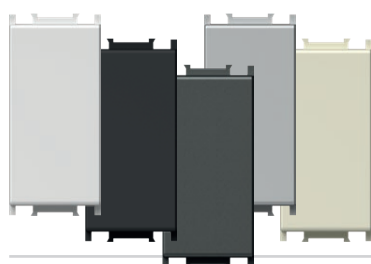
- TM15PW
- TM15MW
- TM15SB
- TM15AT
- TM15ES
- TM15IW

- zamjenjiva tipka 1M  
 - samo u kombinaciji s mehanizmom SM20  
 - sukladno normi EN 60669-1

*BUTTON 1M 2POLE*  
 - replaceable button 1M  
 - only in combination with mechanism SM20  
 - in accordance with EN 60669-1



SLIJEPI ELEMENT 1M



- TM21PW
- TM21MW
- TM21SB
- TM21AT
- TM21ES
- TM21IW

- slijepi element za popunjavanje praznog mjesta  
 - sukladno normi EN 60669-1

*BLANK 1M*  
 - blank modul to fill up empty spaces  
 - in accordance with EN 60669-1



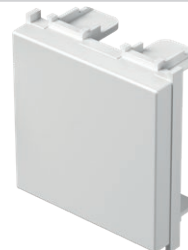
SLIJEPI ELEMENT 2M



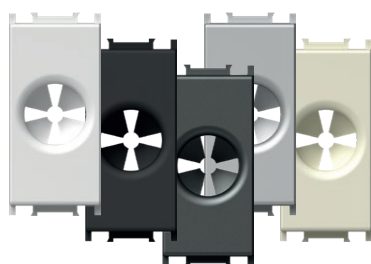
- TM22PW
- TM22MW
- TM22SB
- TM22AT
- TM22ES
- TM22IW

- slijepi element za popunjavanje praznog mjesta  
 - sukladno normi EN 60669-1

*BLANK 2M*  
 - blank modul to fill up empty spaces  
 - in accordance with EN 60669-1



UVODNICA 1M



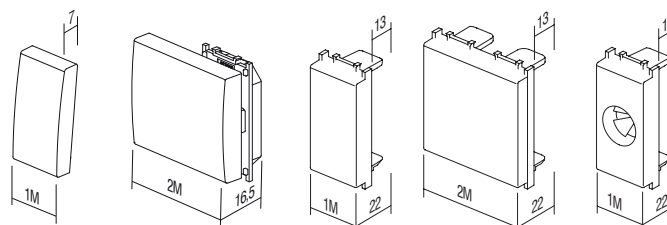
- TM31PW
- TM31MW
- TM31SB
- TM31AT
- TM31ES
- TM31IW

- uvodnica za kabel  
 - sukladno normi EN-60669-1

*CABLE OUTLET 1M*  
 - outlet for cable  
 - in accordance with EN-60669-1



1M = 22,5 x 45  
 2M = 45 x 45



TM11  
 TM15

TM12  
 TM13

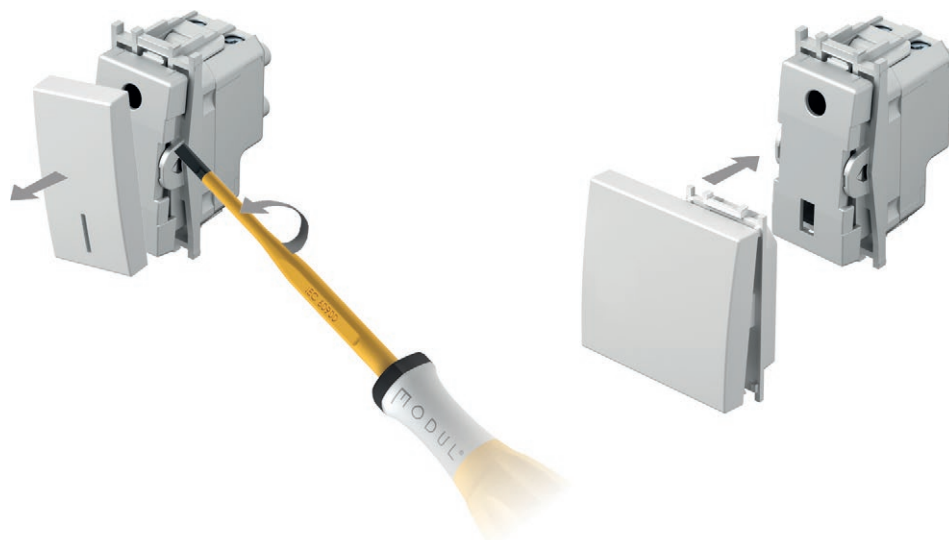
TM21

TM22

TM31



## B U T T O N S T M



## LASERSKO GRAVIRANJE NA TIPKAMA

- lasersko graviranje proizvodnje grafike na označenome mjestu  
- standardni simboli dostupni sa skladišta, ostali na zahtjev

## LASER PRINT ON BUTTONS

- laser print of any graphics on marked locations  
- standard symbols from stock, other on request

1M

A
B
C

2M

A	D	G
B	E	H
C	F	I

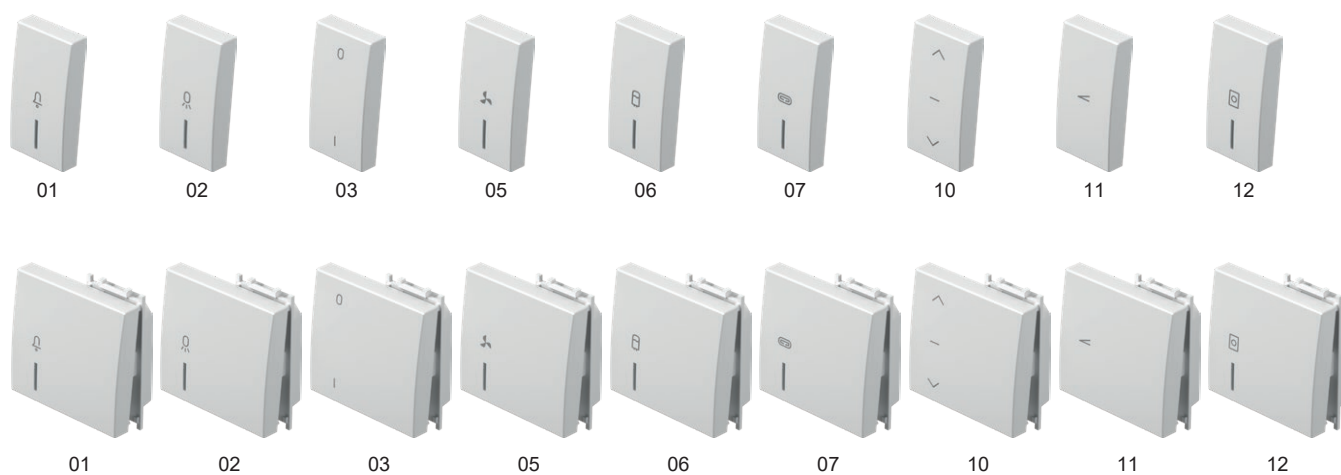
## SIMBOLI

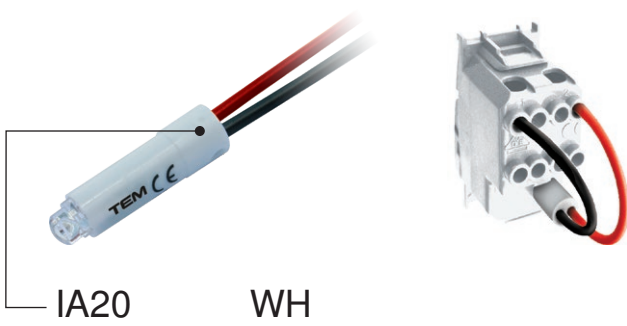
## SYMBOLS

01	02	03	04	05	06	07	08	09	10	11	12	13	14	20	21
													1 0 2	+	-
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
					alarm	alarm	OFF	ON	+				AC		
38	39	40	41	42	43	44	45	46	47	48					

## STANDARDNI SIMBOLI

## STANDARD SYMBOLS





tip type	naziv description	tehnički podaci technical data	boja colour
IA10	NEONSKA TINJALICA NEON LAMP	230V~ 0,34W	<input type="checkbox"/> WH <i>bijela</i> <i>white</i>
IA20	LED SIGNALIZACIJA LED SIGNALLING UNIT	230V~ AC/DC 0,40W	<input checked="" type="checkbox"/> BL <i>plava</i> <i>blue</i>
IA21	LED SIGNALIZACIJA LED SIGNALLING UNIT	24V AC/DC 0,20W	<input checked="" type="checkbox"/> RD <i>crvena</i> <i>red</i>
·	·	·	<input checked="" type="checkbox"/> GR <i>zelena</i> <i>green</i>
·	·	·	<input checked="" type="checkbox"/> OR <i>narančasta</i> <i>orange</i>

NEONSKA TINJALICA 230V~ 0,34W



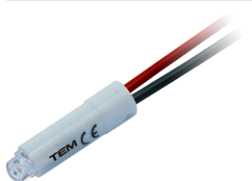
IA10OR

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

NEON LAMP 230V~ 0,34W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

LED SIGNALIZACIJA 230V AC/DC 0,40W



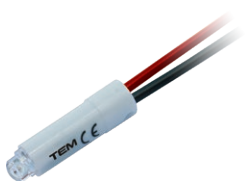
- IA20WH
- IA20GR
- IA20RD
- IA20BL

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

LED SIGNALLING UNIT 230V AC/DC 0,40W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

LED SIGNALIZACIJA 24V AC/DC 0,20W



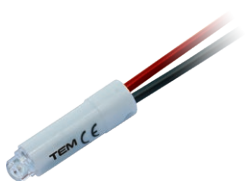
- IA21WH
- IA21RD

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

LED SIGNALLING UNIT LAMP 24V AC/DC 0,20W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

LED SIGNALIZACIJA 12V AC/DC 0,10W



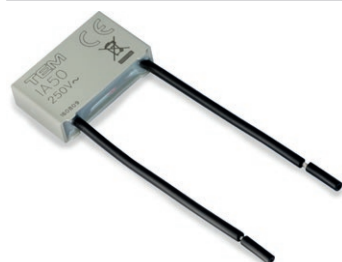
- IA22WH
- IA22RD

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

LED SIGNALLING UNIT 12V AC/DC 0,10W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

RC SKLOP 250V~

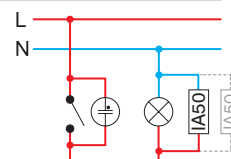


IA50

- RC sklop za uklanjanje smetnji pri radu LED svjetiljki
- moguće je usporedno povezati više RC sklopova sa svjetiljkama
- 0,1 µF, 100 Ω, 250V~

RC CIRCUIT 250V~

- RC circuit to eliminate disturbances in the operation of LED lamps
- parallel connections of more RC circuits with lamps are possible
- 0,1 µF, 100 Ω, 250V~

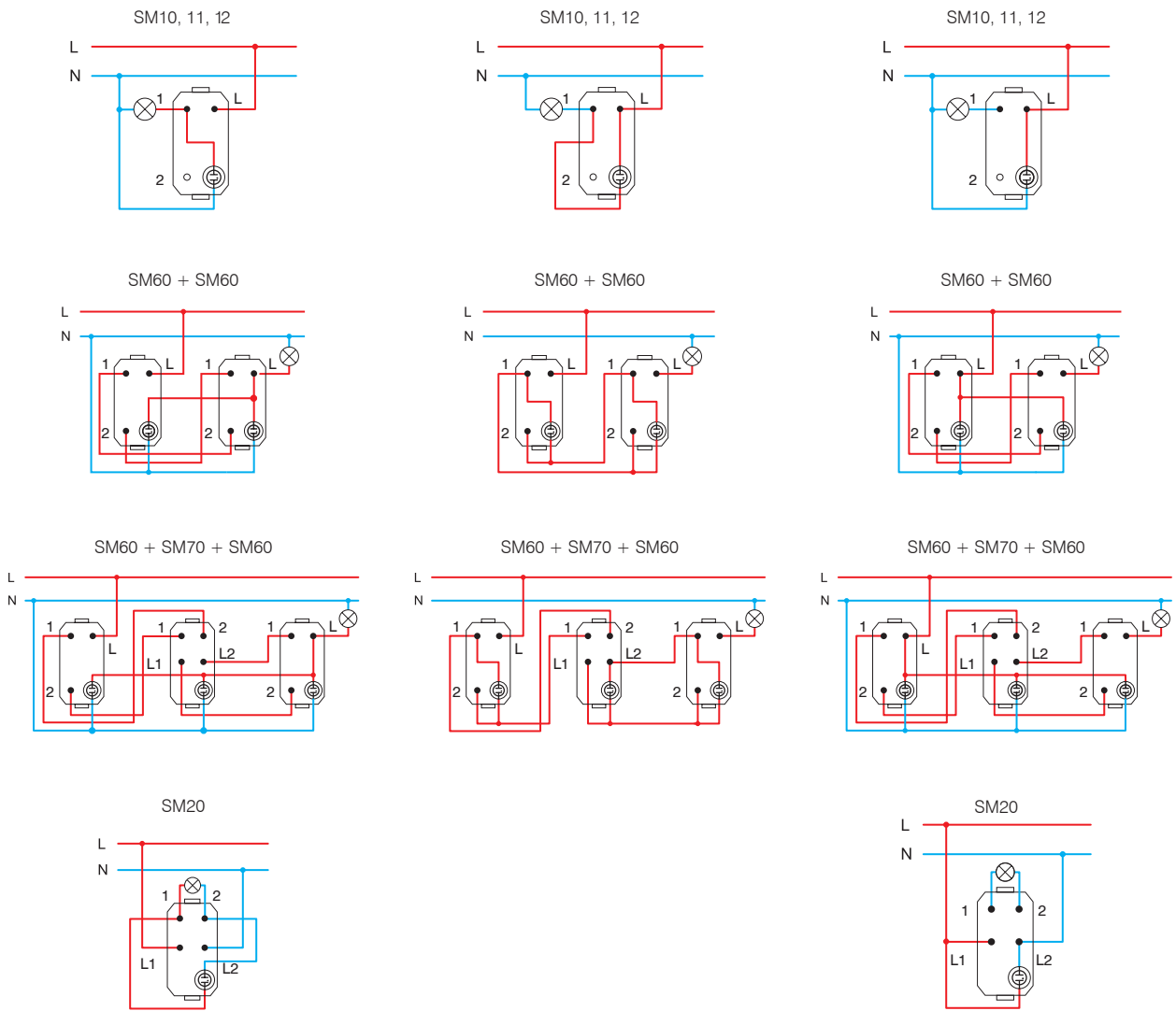


S I G N A L I Z A T I O N I A

Indikacija /  
Indication

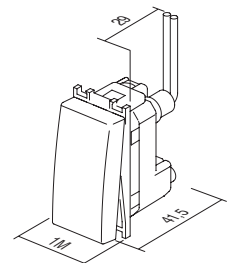
\* Signalizacija /  
Signalization

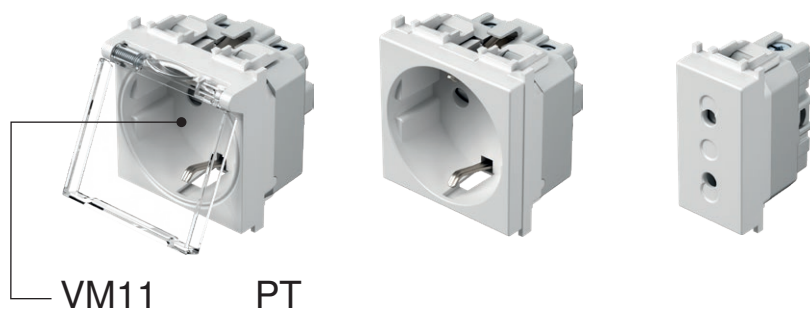
Stalna signalizacija /  
Permanent signalling



\* spajanje nije prikladno za štedljive (CFL, LED) tinjalice /  
the connections are not suitable for energy-saving bulbs (CFL, LED)

1M = 22,5 x 45  
2M = 45 x 45





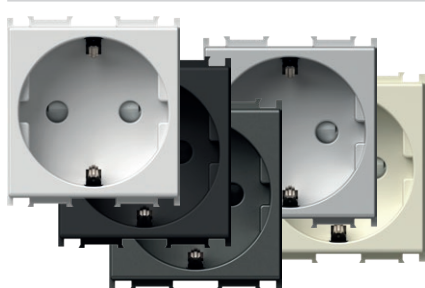
VM11

PT

tip type	naziv description	tehnički podaci technical data	veličina size	boja colour																					
VM10	UTIČNICA ŠUKO+KS SOCKET SCHUKO+KS	2P+E 16A 250V~	2M	<table border="0"> <tr> <td><input type="checkbox"/> PW bijela sjajna polar white</td> <td><input checked="" type="checkbox"/> PT bijela+prozirna white+transparent</td> <td><input type="checkbox"/> PP bijela+bijela white+white</td> </tr> </table>	<input type="checkbox"/> PW bijela sjajna polar white	<input checked="" type="checkbox"/> PT bijela+prozirna white+transparent	<input type="checkbox"/> PP bijela+bijela white+white																		
<input type="checkbox"/> PW bijela sjajna polar white	<input checked="" type="checkbox"/> PT bijela+prozirna white+transparent	<input type="checkbox"/> PP bijela+bijela white+white																							
VM11	UTIČNICA ŠUKO+KS+POKLOPAC SOCKET SCHUKO+KS+COVER	2P+E 16A 250V~	2M	<table border="0"> <tr> <td><input type="checkbox"/> MW bijela mat matte white</td> <td><input checked="" type="checkbox"/> MT bijela+prozirna white+transparent</td> <td><input type="checkbox"/> MM bijela+bijela white+white</td> </tr> </table>	<input type="checkbox"/> MW bijela mat matte white	<input checked="" type="checkbox"/> MT bijela+prozirna white+transparent	<input type="checkbox"/> MM bijela+bijela white+white																		
<input type="checkbox"/> MW bijela mat matte white	<input checked="" type="checkbox"/> MT bijela+prozirna white+transparent	<input type="checkbox"/> MM bijela+bijela white+white																							
VM20	UTIČNICA EURO+KS SOCKET EURO+KS	2P 10A 250V~	1M	<table border="0"> <tr> <td><input checked="" type="checkbox"/> SB crna mat soft touch black</td> <td><input checked="" type="checkbox"/> BT crna+prozirna soft touch black+transparent</td> <td><input checked="" type="checkbox"/> BB crna+crna soft touch black+black</td> </tr> <tr> <td><input checked="" type="checkbox"/> AT antracit anthracite</td> <td><input checked="" type="checkbox"/> AT antracit+prozirna anthracite+transparent</td> <td><input checked="" type="checkbox"/> AA antracit+antracit anthracite+anthracite</td> </tr> <tr> <td><input checked="" type="checkbox"/> ES srebrna mat elox silver</td> <td><input checked="" type="checkbox"/> ST srebrna+prozirna silver+transparent</td> <td><input checked="" type="checkbox"/> SS srebrna+srebrna silver+silver</td> </tr> <tr> <td><input checked="" type="checkbox"/> IW bež sjajna ivory white</td> <td><input checked="" type="checkbox"/> IT bež+prozirna ivory+transparent</td> <td><input checked="" type="checkbox"/> II bež+bež ivory+ivory</td> </tr> <tr> <td><input checked="" type="checkbox"/> RD crvena red</td> <td><input checked="" type="checkbox"/> RT crvena+prozirna red+transparent</td> <td><input checked="" type="checkbox"/> RR crvena+crvena red+red</td> </tr> <tr> <td><input checked="" type="checkbox"/> GR zelena green</td> <td><input checked="" type="checkbox"/> GT zelena+prozirna green+transparent</td> <td><input checked="" type="checkbox"/> GG zelena+zelena green+green</td> </tr> <tr> <td><input checked="" type="checkbox"/> OR narančasta orange</td> <td><input checked="" type="checkbox"/> OT narančasta+prozirna orange+transparent</td> <td><input checked="" type="checkbox"/> OO narančasta+narančasta orange+orange</td> </tr> </table>	<input checked="" type="checkbox"/> SB crna mat soft touch black	<input checked="" type="checkbox"/> BT crna+prozirna soft touch black+transparent	<input checked="" type="checkbox"/> BB crna+crna soft touch black+black	<input checked="" type="checkbox"/> AT antracit anthracite	<input checked="" type="checkbox"/> AT antracit+prozirna anthracite+transparent	<input checked="" type="checkbox"/> AA antracit+antracit anthracite+anthracite	<input checked="" type="checkbox"/> ES srebrna mat elox silver	<input checked="" type="checkbox"/> ST srebrna+prozirna silver+transparent	<input checked="" type="checkbox"/> SS srebrna+srebrna silver+silver	<input checked="" type="checkbox"/> IW bež sjajna ivory white	<input checked="" type="checkbox"/> IT bež+prozirna ivory+transparent	<input checked="" type="checkbox"/> II bež+bež ivory+ivory	<input checked="" type="checkbox"/> RD crvena red	<input checked="" type="checkbox"/> RT crvena+prozirna red+transparent	<input checked="" type="checkbox"/> RR crvena+crvena red+red	<input checked="" type="checkbox"/> GR zelena green	<input checked="" type="checkbox"/> GT zelena+prozirna green+transparent	<input checked="" type="checkbox"/> GG zelena+zelena green+green	<input checked="" type="checkbox"/> OR narančasta orange	<input checked="" type="checkbox"/> OT narančasta+prozirna orange+transparent	<input checked="" type="checkbox"/> OO narančasta+narančasta orange+orange
<input checked="" type="checkbox"/> SB crna mat soft touch black	<input checked="" type="checkbox"/> BT crna+prozirna soft touch black+transparent	<input checked="" type="checkbox"/> BB crna+crna soft touch black+black																							
<input checked="" type="checkbox"/> AT antracit anthracite	<input checked="" type="checkbox"/> AT antracit+prozirna anthracite+transparent	<input checked="" type="checkbox"/> AA antracit+antracit anthracite+anthracite																							
<input checked="" type="checkbox"/> ES srebrna mat elox silver	<input checked="" type="checkbox"/> ST srebrna+prozirna silver+transparent	<input checked="" type="checkbox"/> SS srebrna+srebrna silver+silver																							
<input checked="" type="checkbox"/> IW bež sjajna ivory white	<input checked="" type="checkbox"/> IT bež+prozirna ivory+transparent	<input checked="" type="checkbox"/> II bež+bež ivory+ivory																							
<input checked="" type="checkbox"/> RD crvena red	<input checked="" type="checkbox"/> RT crvena+prozirna red+transparent	<input checked="" type="checkbox"/> RR crvena+crvena red+red																							
<input checked="" type="checkbox"/> GR zelena green	<input checked="" type="checkbox"/> GT zelena+prozirna green+transparent	<input checked="" type="checkbox"/> GG zelena+zelena green+green																							
<input checked="" type="checkbox"/> OR narančasta orange	<input checked="" type="checkbox"/> OT narančasta+prozirna orange+transparent	<input checked="" type="checkbox"/> OO narančasta+narančasta orange+orange																							



UTIČNICA ŠUKO+KS 2P+E 16A 250V~ 2M



- VM10PW
- VM10MW
- VM10SB
- VM10AT
- VM10ES
- VM10IW

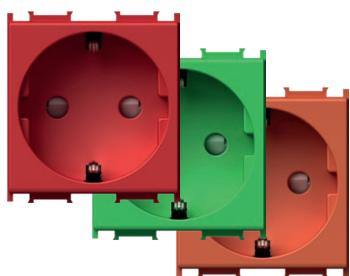
- 2P+E šuko
- 16A 250V~, tip VM10
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

SOCKET SCHUKO+KS 2P+E 16A 250V~ 2M

- 2P+E schuko
- 16A 250V~, type VM10
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



UTIČNICA ŠUKO+KS 2P+E 16A 250V~ 2M



- VM10RD
- VM10GR
- VM10OR

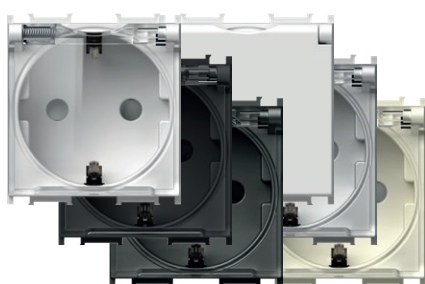
- 2P+E šuko
- 16A 250V~, tip VM10
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

SOCKET SCHUKO+KS 2P+E 16A 250V~ 2M

- 2P+E schuko
- 16A 250V~, type VM10
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



UTIČNICA ŠUKO+KS +POKLOPAC 2P+E 16A 250V~ 2M



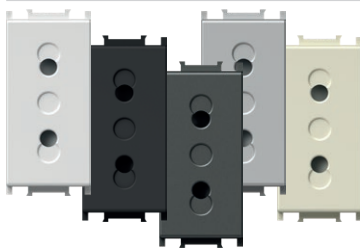
- VM11PT
- VM11MT
- VM11BT
- VM11AT
- VM11ST
- VM11IT
- VM11PP

- 2P+E šuko + poklopac
- 16A 250V~, tip VM11
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

SOCKET SCHUKO+KS+COVER

- 2P+E 16A 250V~ 2M
- 2P+E schuko+cover
- 16A 250V~, type VM11
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts





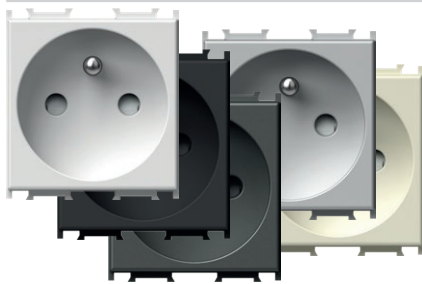
- VM20PW
- VM20MW
- VM20SB
- VM20AT
- VM20ES
- VM20IW

#### UTIČNICA EURO+KS 2P 10A 250V~ 1M

- 2P Euro
- 10A 250V~, tip VM20
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET EURO+KS 2P 10A 250V~ 1M

- 2P Euro
- 10A 250V~, type VM20
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



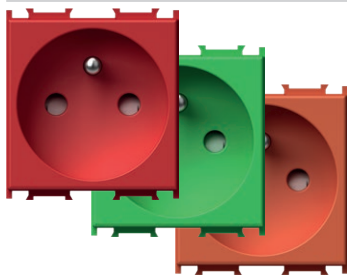
- VM40PW
- VM40MW
- VM40SB
- VM40AT
- VM40ES
- VM40IW

#### UTIČNICA FRANCUSKA+KS 2P+E 16A 250V~ 2M

- 2P+E francuska
- 16A 250V~, tip VM40
- sukladno normama IEC 60884-1, NF C 61-314 CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET FRENCH+KS 2P+E 16A 250V~ 2M

- 2P+E French
- 16A 250V~, type VM40
- in accordance with IEC 60884-1, NF C 61-314, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



- VM40RD
- VM40GR
- VM40OR

#### UTIČNICA FRANCUSKA+KS 2P+E 16A 250V~ 2M

- 2P+E francuska
- 16A 250V~, tip VM40
- sukladno normama IEC 60884-1, NF C 61-314 CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET FRENCH+KS 2P+E 16A 250V~ 2M

- 2P+E French
- 16A 250V~, type VM40
- in accordance with IEC 60884-1, NF C 61-314, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



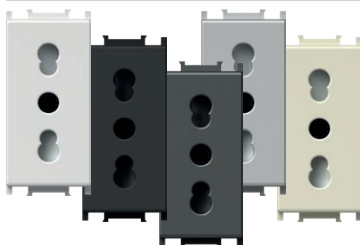
- VM41PT
- VM41MT
- VM41BT
- VM41AT
- VM41PP
- VM41ST
- VM41IT

#### UTIČNICA FRANCUSKA+KS+POKLOPAC 2P+E 16A 250V~ 2M

- 2P+E francuska+poklopac
- 16A 250V~, tip VM41
- sukladno normama IEC 60884-1, NF C 61-314 CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET FRENCH+KS+COVER

- 2P+E 16A 250V~ 2M
- 2P+E French+cover
- 16A 250V~, type VM41
- in accordance with IEC 60884-1, NF C 61-314, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



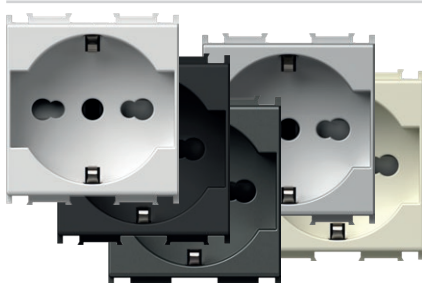
- VM30PW
- VM30MW
- VM30SB
- VM30AT
- VM30ES
- VM30IW

#### UTIČNICA TALIJANSKA P17/11+KS 2P+E 16A 250V~ 1M

- 2P+E talijanska P17/11
- 16A 250V~, tip VM30
- sukladno normama IEC 60884-1, CEI 23-50
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET ITALIAN P17/11+KS 2P+E 16A 250V~ 1M

- 2P+E Italian P17/11
- 16A 250V~, type VM30
- in accordance with IEC 60884-1, CEI 23-50
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



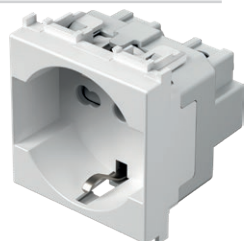
- VM31PW
- VM31MW
- VM31SB
- VM31AT
- VM31ES
- VM31IW

#### UTIČNICA ŠUKO TALIJANSKA P17/11+KS 2P+E 16A 250V~ 2M

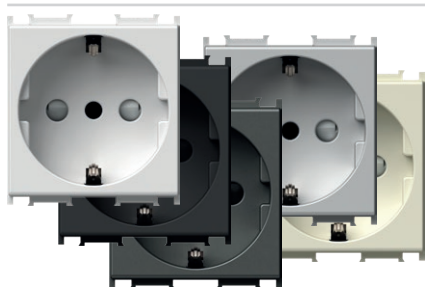
- 2P+E šuko/talijanska P17/11
- 16A 250V~, tip VM31
- sukladno normama IEC 60884-1, CEI 23-50
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET SCHUKO/ITA P17/11+KS

- 2P+E 16A 250V~ 2M
- 2P+E schuko/Italian P17/11
- 16A 250V~, type VM31
- in accordance with IEC 60884-1, CEI 23-50
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



UTIČNICA ŠUKO TALIJANSKA P30+KS 2P+E 16A 250V~ 2M



- VM32PW
- VM32MW
- VM32SB
- VM32AT
- VM32ES
- VM32IW

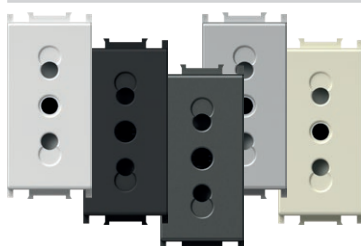
- 2P+E šuko/talijanska P30
- 16A 250V~, tip VM32
- sukladno normama IEC 60884-1, CEI 23-50
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom



SOCKET SCHUKO/ITA P30+KS  
2P+E 16A 250V~ 2M

- 2P+E schuko/Italian P30
- 16A 250V~, type VM32
- in accordance with IEC 60884-1, CEI 23-50
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts

UTIČNICA TALIJANSKA P11+KS 2P+E 10A 250V~ 1M



- VM33PW
- VM33MW
- VM33SB
- VM33AT
- VM33ES
- VM33IW

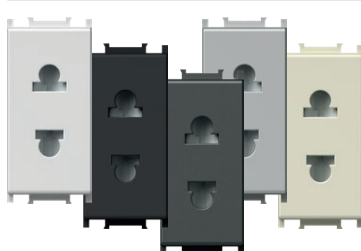
- 2P+E talijanska P11
- 10A 250V~, tip VM33
- sukladno normama IEC 60884-1, CEI 23-50
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom



SOCKET ITALIAN P11+KS 2P+E 10A 250V~ 1M

- 2P+E Italian P11
- 10A 250V~, type VM33
- in accordance with IEC 60884-1, CEI 23-50
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts

UTIČNICA EURO/AMERIČKA+KS 2P 16A 250V~ 1M



- VM21PW
- VM21MW
- VM21SB
- VM21AT
- VM21ES
- VM21IW

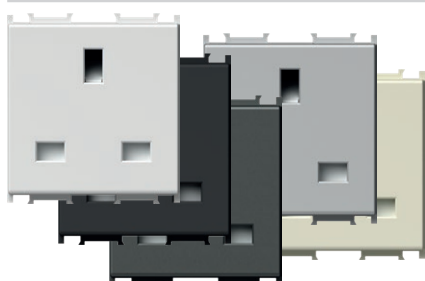
- 2P euro/američka
- 16A 250V~, tip VM21
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom
- samo za zemlje koje nisu članice EU-a



SOCKET EURO/AMERICAN+KS 2P 16A 250V~ 1M

- 2P Euro/American
- 16A 250V~, type VM21
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts
- only for countries not members of EU

UTIČNICA BRITANSKA BS 1363-2+KS 2P+E 13A 250V~ 2M



- VM52PW
- VM52MW
- VM52SB
- VM52AT
- VM52ES
- VM52IW

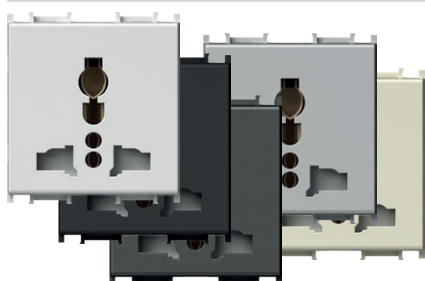
- 2P+E britanska BS 1363-2
- 13A 250V~, tip VM52
- sukladno normi BS 1363-2
- vijčano pričvršćivanje vodiča presjeka 1,5-4 mm<sup>2</sup>
- utičnica s integriranom zaštitom



SOCKET BRITISH BS 1363-2+KS 2P+E 13A 250V~ 2M

- 2P+E British BS 1363-2
- 13A 250V~, type VM52
- in accordance with BS 1363-2
- screw contacts 1.5-4 mm<sup>2</sup>
- shuttered live contacts

UTIČNICA MULTISTANDARDNA+KS 2P+E 13A 250V~ 2M



- VM55PW
- VM55MW
- VM55SB
- VM55AT
- VM55ES
- VM55IW

- bezvijčano pričvršćivanje vodiča 1,5 – 2,5 mm<sup>2</sup>
- ugrađena zaštita od dodira kontakta

SOCKET MULTI-STANDARD+KS 2P+E 13A 250V~ 2M

- plug-in contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



PRENAPONSKA ZAŠTITA MPE MINI 275V/50Hz

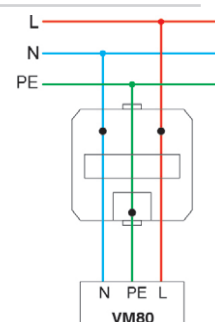


VM80

- paralelni spoj s prvom utičnicom u nizu
- razred zaštite III
- U<sub>c</sub> = 275Vac, U<sub>oc</sub>/I<sub>sc</sub> = 6kV/3kA, U<sub>p</sub> < 800V
- sukladno normi IEC 61643-1
- vodiči presjeka 1,5 mm<sup>2</sup>, IP20
- zvučni signal u slučaju proboja















SURGE PROTECTOR MPE MINI 275V/50Hz

- parallel connection with the first socket in the row
- protection class III
- U<sub>c</sub> = 275Vac, U<sub>oc</sub>/I<sub>sc</sub> = 6kV/3kA, U<sub>p</sub> < 800V
- in accordance with IEC 61643-1
- wires 1.5mm<sup>2</sup>, IP20
- sound signal at breakdown





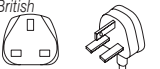


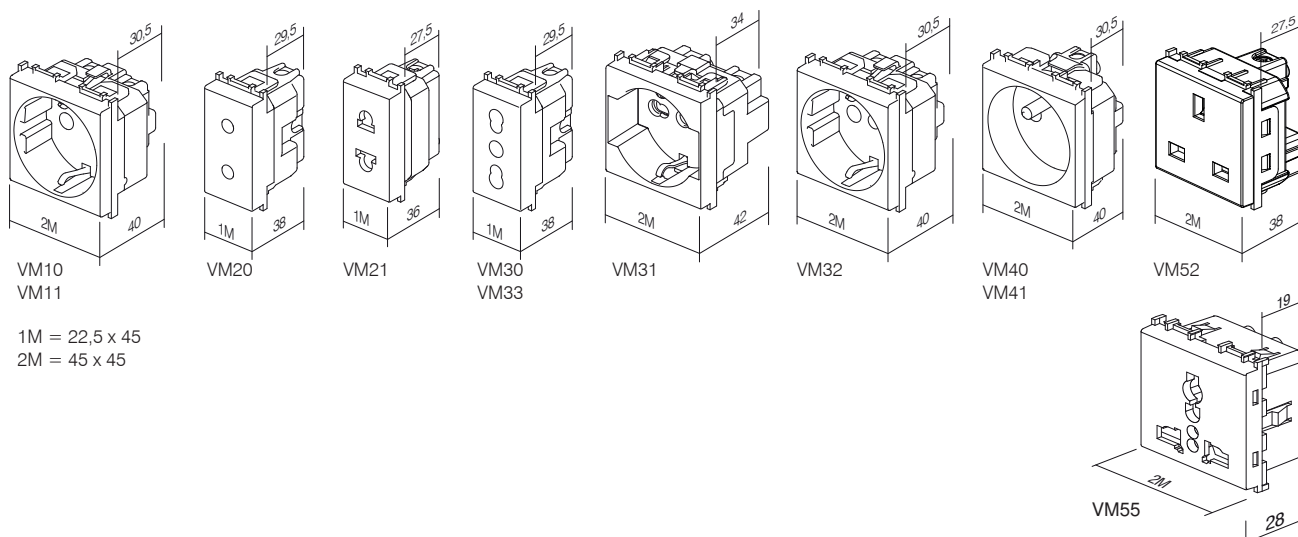
## S O C K E T S V M

POVEZIVANJE UTIČNICA I UTIKAČA  
SOCKETS AND PLUGS MATCHING

UTIČNICA / SOCKET									
VRSTA UTIKAČA / PLUG STYLE	VM10 VM11	VM20	VM30	VM33	VM31	VM32	VM40 VM41	VM21	VM55
Njemački / German 	•				•	•			•
Francuski / French 	•				•	•	•		•
Talijanski / Italian S11 			•	•	•	•			•
Talijanski / Italian S17 			•		•				•
euro 	•	•	•		•	•	•	•	•

POVEZIVANJE UTIČNICA I UTIKAČA  
SOCKETS AND PLUGS MATCHING

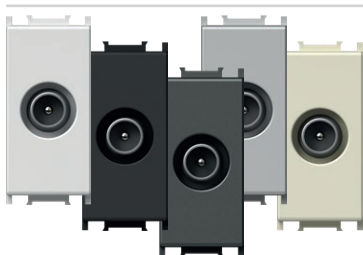
UTIČNICA / SOCKET			
VRSTA UTIKAČA / PLUG STYLE	VM21	VM52	VM55
Američki / American 	•		•
Britanski / British BS 1363-2 		•	•





tip type	naziv description	tehnički podaci technical data	veličina size	boja colour
KM10	UTIČNICA TV OSNOVNA SOCKET TV BASIC	0dB	1M	<input type="checkbox"/> PW bijela sjajna polar white
KM11	UTIČNICA TV ZAVRŠNA SOCKET TV END-LINE	1dB	1M	<input type="checkbox"/> MW bijela mat matte white
KM12	UTIČNICA TV PROLAZNA SOCKET TV TROUGHPASS	10dB	1M	<input checked="" type="checkbox"/> SB crna mat soft touch black
:	:	:	:	<input checked="" type="checkbox"/> AT antracit anthracite
:	:	:	:	<input type="checkbox"/> ES srebrna mat elox silver
:	:	:	:	<input type="checkbox"/> IW bež sjajna ivory white

UTIČNICA TV OSNOVNA 0dB 1M

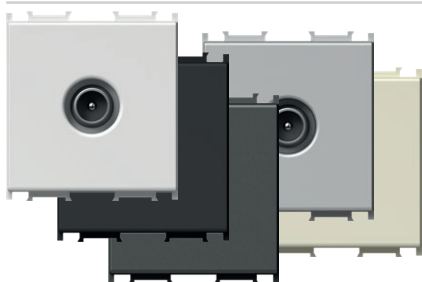


- KM10PW
- KM10MW
- KM10SB
- KM10AT
- KM10ES
- KM10IW

- TV osnovna
  - prigušenje 0dB
  - stražnji konektor – F standard
- SOCKET TV BASIC 0dB 1M*
- TV basic
  - reduction 0dB
  - back connector – F standard



UTIČNICA TV OSNOVNA 0dB 2M



- KM20PW
- KM20MW
- KM20SB
- KM20AT
- KM20ES
- KM20IW

- TV osnovna
  - prigušenje 0dB
  - stražnji konektor – F standard
- SOCKET TV BASIC 0dB 2M*
- TV basic
  - reduction 0dB
  - back connector – F standard

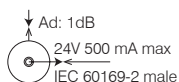


UTIČNICA TV ZAVRŠNA 1dB 1M

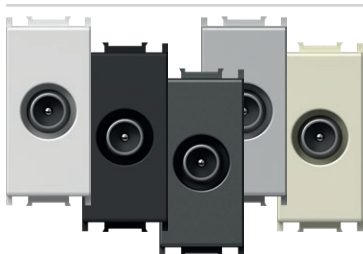


- KM11PW
- KM11MW
- KM11SB
- KM11AT
- KM11ES
- KM11IW

- TV završna
  - propušta frekvenciju u rasponu 5÷2400 MHz
  - prigušenje < 1 dB
  - sukladno normi EN 50083-1
  - vijčano pričvršćivanje vodiča
- SOCKET TV END-LINE 1dB 1M*
- TV end-line
  - frequency range 5÷2400 MHz
  - reduction < 1 dB
  - in accordance with EN 50083-1
  - screw contacts

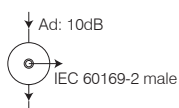


UTIČNICA TV PROLAZNA 10dB 1M



- KM12PW
- KM12MW
- KM12SB
- KM12AT
- KM12ES
- KM12IW

- TV prolazna
  - propušta frekvenciju u rasponu 5÷2400 MHz
  - prigušenje < 10 dB
  - sukladno normi EN 50083-1
  - vijčano pričvršćivanje vodiča
- SOCKET TV TROUGHPASS 10dB 1M*
- TV troughpass
  - frequency range 5÷2400 MHz
  - reduction < 10 dB
  - in accordance with EN 50083-1
  - screw contacts





UTIČNICA SAT OSNOVNA 0dB 1M

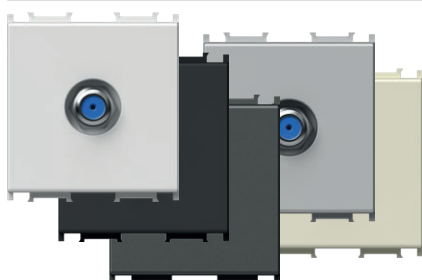


- KM15PW
- KM15MW
- KM15SB
- KM15AT
- KM15ES
- KM15IW

- SAT osnovna
- prigušenje 0dB
- stražnji konektor – F standard
- SOCKET SAT BASIC 0dB 1M*
- SAT basic
- reduction 0dB
- back connector – F standard



UTIČNICA SAT OSNOVNA 0dB 2M

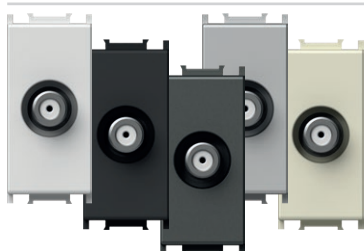


- KM24PW
- KM24MW
- KM24SB
- KM24AT
- KM24ES
- KM24IW

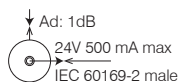
- SAT osnovna
- prigušenje 0dB
- stražnji konektor – F standard
- SOCKET SAT BASIC 0dB 2M*
- SAT basic
- reduction 0dB
- back connector – F standard



UTIČNICA SAT ZAVRŠNA 1dB 1M



- KM16PW
- KM16MW
- KM16SB
- KM16AT
- KM16ES
- KM16IW



- SAT završna
- propušta frekvenciju u rasponu 5÷2400 MHz
- prigušenje < 1dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje vodiča
- SOCKET SAT END-LINE 1dB 1M*
- SAT end-line
- frequency range 5÷2400 MHz
- reduction < 1dB
- in accordance with EN 50083-1
- screw contacts



UTIČNICA R OSNOVNA 0dB 1M

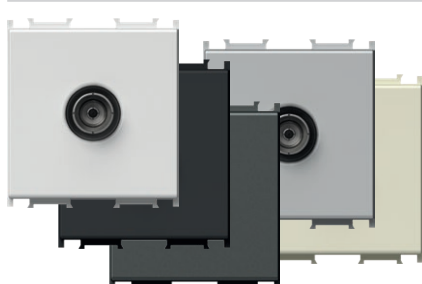


- KM19PW
- KM19MW
- KM19SB
- KM19AT
- KM19ES
- KM19IW

- R OSNOVNA
- prigušenje 0dB
- stražnji konektor – F standard
- SOCKET R BASIC 0dB 1M*
- R basic
- reduction 0dB
- back connector – F standard



UTIČNICA R OSNOVNA 0dB 2M

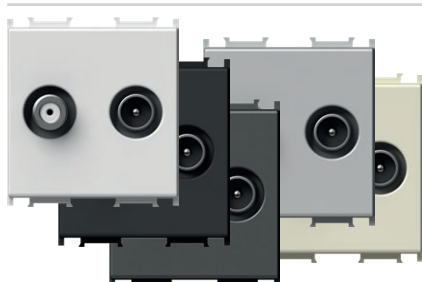


- KM29PW
- KM29MW
- KM29SB
- KM29AT
- KM29ES
- KM29IW

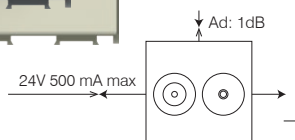
- R osnovna
- prigušenje 0dB
- stražnji konektor – F standard
- SOCKET R BASIC 0dB 2M*
- R basic
- reduction 0dB
- back connector – F standard



UTIČNICA SAT-TV ZAVRŠNA 1dB 2M



- KM25PW
- KM25MW
- KM25SB
- KM25AT
- KM25ES
- KM25IW

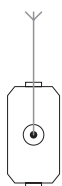


- SAT-TV završna
- propušta frekvenciju u rasponu 5÷2400 MHz
- prigušenje < 1dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje vodiča
- SOCKET SAT-TV END-LINE 1dB 2M*
- SAT-TV end-line
- frequency range 5÷2400 MHz
- reduction < 1dB
- in accordance with EN 50083-1
- screw contacts



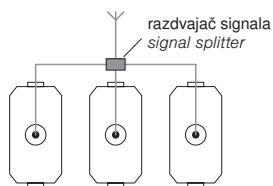
PRIMJERI OSNOVNOG SPOJA  
BASIC CONNECTION SAMPLES

pojedinačni spoj  
stand alone connection



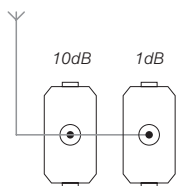
KM10  
KM20  
KM11  
KM15  
KM24  
KM16  
KM19  
KM29  
KM25

zvjezdasti spoj  
star connection



KM10  
KM20  
KM11  
KM15  
KM24  
KM16  
KM19  
KM29  
KM25

prolazni spoj  
throughpass connection



KM12 KM11



- KM22PW
- KM22MW
- KM22SB
- KM22AT
- KM22ES
- KM22IW

UTIČNICA AUDIO 2xRCA 1M

- audio 2x RCA
- lemljenje spojeva kabela na stražnjoj strani

SOCKET AUDIO 2xRCA 1M

- audio 2x RCA
- soldering connection of cable at the back side



- KM23PW
- KM23MW
- KM23SB
- KM23AT
- KM23ES
- KM23IW

UTIČNICA AUDIO ZVUČNICI 1M

- audio 2x Ø4 mm
- pričvršćivanje vodiča za zvučnike umetanjem ili banana utikačem Ø4 mm
- lemljenje spojeva kabela na stražnjoj strani

SOCKET AUDIO LOUDSPEAKERS 1M

- audio 2x Ø4mm
- to accommodate speaker wire, banana plug Ø4mm or spades
- soldering connection of cable at the back side



- KM26PW
- KM26MW
- KM26SB
- KM26AT
- KM26ES
- KM26IW

UTIČNICA AUDIO ZVUČNICI 2M

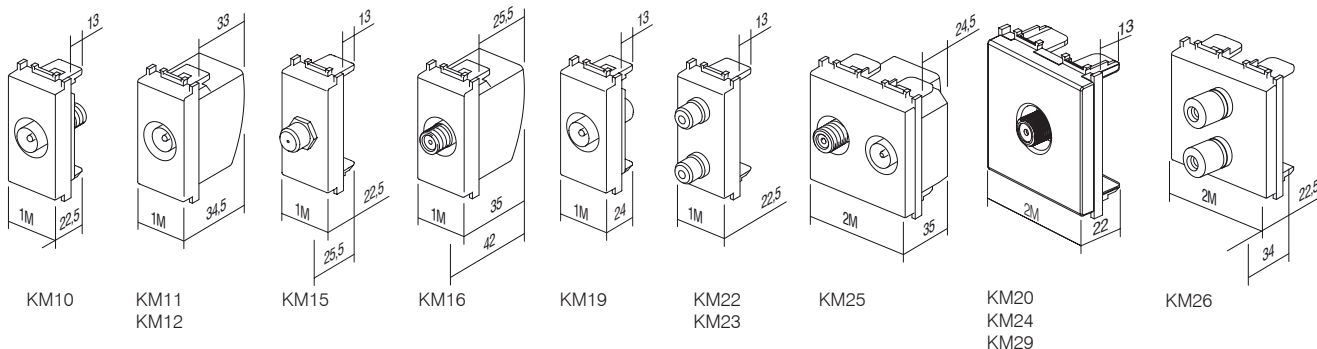
- audio 2x Ø4 mm
- pričvršćivanje vodiča za zvučnike umetanjem ili banana utikačem Ø4 mm
- lemljenje spojeva kabela na stražnjoj strani

SOCKET AUDIO LOUDSPEAKERS 2M

- audio 2x Ø4mm
- to accommodate speaker wire, banana plug Ø4mm or spades
- soldering connection of cable at the back side



1M = 22,5 x 45  
2M = 45 x 45



### UTIČNICA TEL LT RJ11 6/4 1M



- KM30PW
- KM30MW
- KM30SB
- KM30AT
- KM30ES
- KM30IW

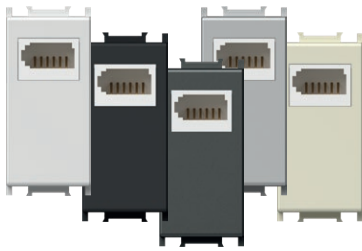
- TEL LT vijak
- RJ11 6/4
- sukladno normi IEC 60603-7
- vijčano pričvršćivanje

#### SOCKET TEL LT RJ11 6/4 1M

- TEL LT screw
- RJ11 6/4
- in accordance with IEC 60603-7
- screw contacts



### UTIČNICA TEL BT SEC 6/6 1M



- KM31PW
- KM31MW
- KM31SB
- KM31AT
- KM31ES
- KM31IW

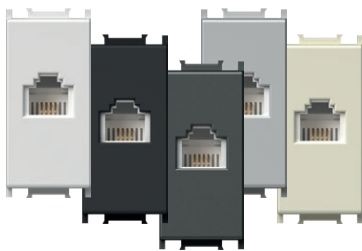
- TEL BT britanski standard
- SEC sekundarna 6/6
- sukladno normi BS 6312
- vijčano pričvršćivanje

#### SOCKET TEL BT SEC 6/6 1M

- TEL BT British standard
- SEC secondary 6/6
- in accordance with BS 6312
- screw contacts



### UTIČNICA TEL KS RJ11 6/4 1M

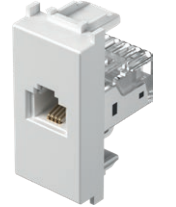


- KM36PW
- KM36MW
- KM36SB
- KM36AT
- KM36ES
- KM36IW

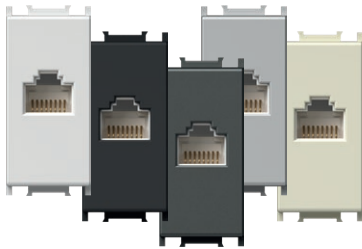
- KS keystone standard pričvršćivanja
- RJ11 6/4
- sukladno normi IEC 60603-7

#### SOCKET TEL KS RJ11 6/4 1M

- KS keystone fixing standard
- RJ11 6/4
- in accordance with IEC 60603-7



### UTIČNICA CAT5e KS RJ45 8/8 1M

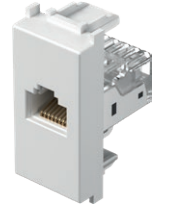


- KM37PW
- KM37MW
- KM37SB
- KM37AT
- KM37ES
- KM37IW

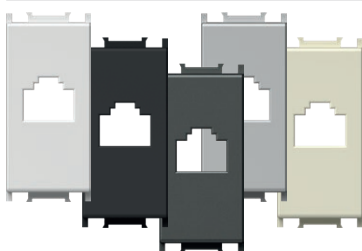
- KS keystone standard pričvršćivanja
- CAT5e, RJ45 8/8
- sukladno normi IEC 60603-7

#### SOCKET CAT5e KS RJ45 8/8 1M

- KS keystone fixing standard
- CAT5e, RJ45 8/8
- in accordance with IEC 60603-7



### ADAPTER KS 1M

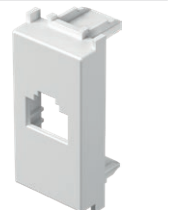


- KM35PW
- KM35MW
- KM35SB
- KM35AT
- KM35ES
- KM35IW

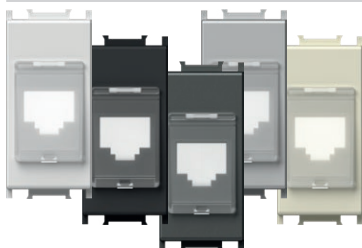
- KS keystone standard pričvršćivanja
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- nije ugrađen komunikacijski modul

#### ADAPTER KS 1M

- KS keystone fixing standard
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- communication module not included



### ADAPTER KS SA ZAŠTITOM OD PRAŠINE 1M



- KM38PW
- KM38MW
- KM38SB
- KM38AT
- KM38ES
- KM38IW

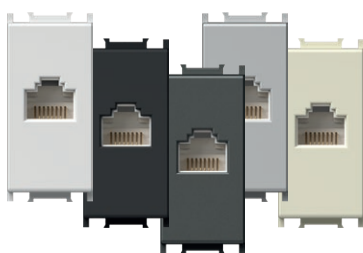
- KS keystone standard pričvršćivanja sa zaštitom od prašine
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- nije ugrađen komunikacijski modul

#### ADAPTER KS WITH DUST PROTECTION 1M

- KS keystone fixing standard with dust protection
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- communication module not included



UTIČNICA CAT6 SCH KS RJ45 8/8 1M

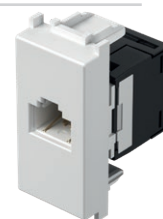


- KM39PW
- KM39MW
- KM39SB
- KM39AT
- KM39ES
- KM39IW

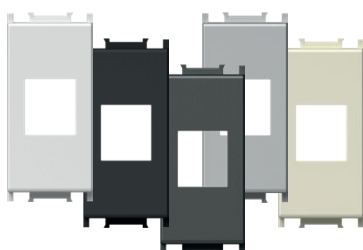
- KS keystone standard pričvršćivanja  
- CAT6 UTP toolless, RJ45 8/8  
- odgovara ISO/IEC 11801

*SOCKET CAT6 SCH KS RJ45 8/8 1M*

- KS keystone fixing standard  
- CAT6 UTP toolless, RJ45 8/8  
- in accordance with ISO/IEC 11801



ADAPTER KS UNIVERZALNI 1M



- KM50PW
- KM50MW
- KM50SB
- KM50AT
- KM50ES
- KM50IW

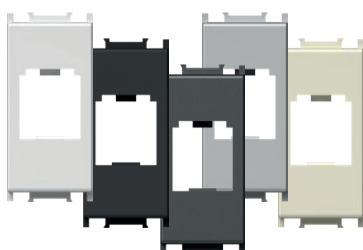
- KS keystone standard pričvršćivanja  
- prikladan za HDMI, USB  
- nije ugrađen komunikacijski modul

*ADAPTER KS UNIVERSAL 1M*

- KS keystone fixing standard  
- suitable for HDMI, USB  
- communication module not included



ADAPTER PD 1M



- KM40PW
- KM40MW
- KM40SB
- KM40AT
- KM40ES
- KM40IW

- PD Panduit Mini-COM standard pričvršćivanja  
- nije ugrađen komunikacijski modul

*ADAPTER PD 1M*

- PD Panduit Mini-COM fixing standard  
- communication module not included



ADAPTER PD SA ZAŠTITOM OD PRAŠINE 1M



- KM43PW
- KM43MW
- KM43SB
- KM43AT
- KM43ES
- KM43IW

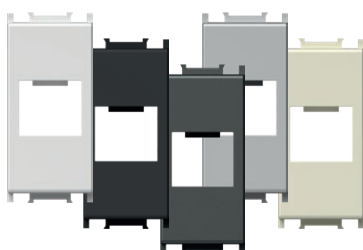
- PD Panduit Mini-COM standard pričvršćivanja sa  
zaštitom od prašine  
- nije ugrađen komunikacijski modul

*ADAPTER PD WITH DUST PROTECTION 1M*

- PD Panduit Mini-COM fixing standard with  
dust protection  
- communication module not included



ADAPTER R&M 1M



- KM46PW
- KM46MW
- KM46SB
- KM46AT
- KM46ES
- KM46IW

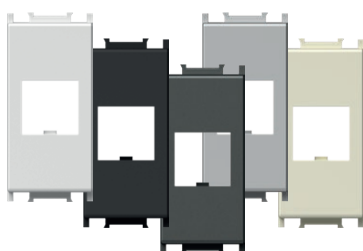
- R&M standard pričvršćivanja  
- nije ugrađen komunikacijski modul

*ADAPTER R&M 1M*

- R&M fixing standard  
- communication module not included



ADAPTER R&M CAT6A 1M



- KM52PW
- KM52MW
- KM52SB
- KM52AT
- KM52ES
- KM52IW

- R&M montaža za CAT6A  
- nije ugrađen komunikacijski modul

*ADAPTER R&M CAT6A 1M*

- R&M fixing for CAT6A  
- communication module not included



## ADAPTER R&amp;M SA ZAŠTITOM OD PRAŠINE 1M



- KM47PW
- KM47MW
- KM47SB
- KM47AT
- KM47ES
- KM47IW

- R&M standard pričvršćivanja sa zaštitom protiv prašine  
- nije ugrađen komunikacijski modul

*ADAPTER R&M WITH DUST PROTECTION 1M*

- R&M fixing standard with dust protection  
- communication module not included



## ADAPTER R&amp;M CAT6A SA ZAŠTITOM OD PRAŠINE 1M



- KM53PW
- KM53MW
- KM53SB
- KM53AT
- KM53ES
- KM53IW

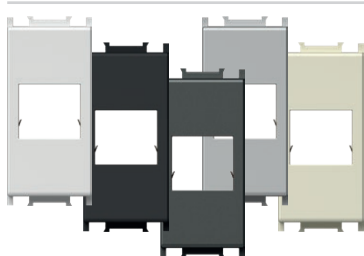
- R&M montaža za CAT6A s poklopcem za zaštitu od prašine  
- nije ugrađen komunikacijski modul

*ADAPTER R&M CAT6A WITH DUST PROTECTION 1M*

- R&M fixing for CAT6A with dust protection  
- communication module not included



### ADAPTER LK 1M



- KM45PW
- KM45MW
- KM45SB
- KM45AT
- KM45ES
- KM45IW

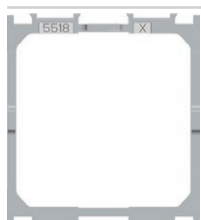
- LK LeoniKerpen eLine / BKS NewLine standard pričvršćivanja
- nije uključen komunikacijski modul

#### ADAPTER LK 1M

- LK LeoniKerpen eLine / BKS NewLine fixing standard
- communication module not included



### ADAPTER NEXANS/SCHRACK 2M

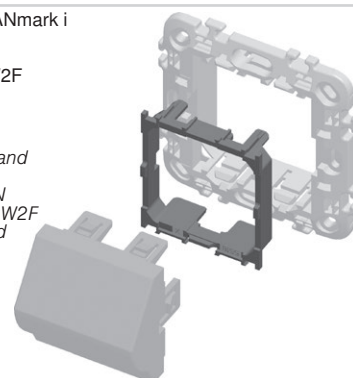


KA26

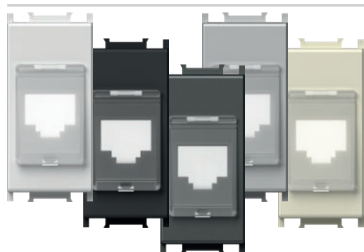
- pričvršćivanje adaptera za Nexans LANmark i module Schrack 45x45mm
- prikladno za tip Nexan N423.540N
- prikladno za tip Schrack HSEMD02W2F
- nije ugrađen komunikacijski modul

#### ADAPTER NEXANS/SCHRACK 2M

- fixing adapter for Nexans LANmark and Schrack module 45x45mm
- suitable for Nexans type N423.540N
- suitable for Schrack type HSEMD02W2F
- communication module not included



### ADAPTER AT&T SYSTIMAX SA ZAŠTITOM OD PRAŠINE 1M



- KM48PW
- KM48MW
- KM48SB
- KM48AT
- KM48ES
- KM48IW

- AT&T Systimax standard pričvršćivanja sa zaštitom od prašine
- nije ugrađen komunikacijski modul

#### ADAPTER AT&T SYSTIMAX WITH DUST PROTECTION 1M

- AT&T Systimax fixing standard with dust protection
- communication module not included



### UTIČNICA USB TIP A 1M



- KM51PW
- KM51MW
- KM51SB
- KM51AT
- KM51ES
- KM51IW

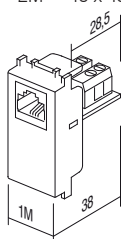
- USB 2.0 utičnica tip A
- vijčano pričvršćivanje, raster 5 mm, 1,5 mm<sup>2</sup>, 1x2P + 1x3P
- spajanje:
  - PIN 1 – VCC (+5V, crvena žica)
  - PIN 2 – Data - (bijela žica)
  - PIN 3 – Data + (zelena žica)
  - PIN 4 – GND - uzemljenje (crna žica)
  - S – zaštita
- sukladno direktivi 2011/95/EU (RoHS2)

#### SOCKET USB TYPE A 1M

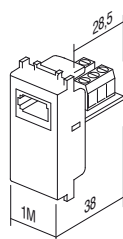
- USB 2.0 socket type A
- screw contacts, raster 5 mm, 1,5 mm<sup>2</sup>, 1x2P + 1x3P
- wiring:
  - PIN 1 – VCC (+5V, red wire)
  - PIN 2 – Data - (white wire)
  - PIN 3 – Data + (green wire)
  - PIN 4 – GND - ground (black wire)
  - S – shield
- in accordance with directive 2011/95/EU (RoHS2)



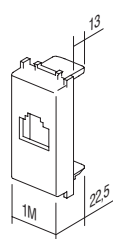
1M = 22,5 x 45  
2M = 45 x 45



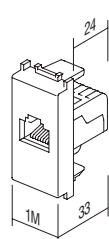
KM30



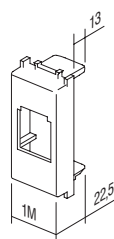
KM31



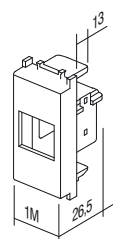
KM35  
KM38  
KM48



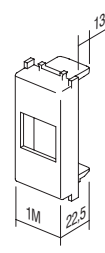
KM36  
KM37  
KM39



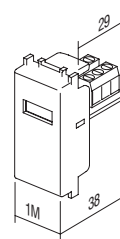
KM40  
KM43



KM45



KM46  
KM47  
KM50  
KM52  
KM53



KM51



KA10

tip type	naziv description	tehnički podaci technical data
KA10	KONEKTOR KS CAT3 CONNECTOR KS CAT3	RJ11 6/4
KA11	KONEKTOR KS CAT5e CONNECTOR KS CAT5e	RJ45 8/8
KA12	KONEKTOR KS CAT5eS CONNECTOR KS CAT5eS	RJ45 8/8
⋮	⋮	⋮



KA10	<b>KONEKTOR KS CAT3 RJ11 6/4</b> - KS keystone standard pričvršćivanja - CAT3, RJ11 6/4 - sukladno normi IEC 60603-7 <i>CONNECTOR KS CAT3 RJ11 6/4</i> - KS keystone fixing standard - CAT3, RJ11 6/4 - in accordance with IEC 60603-7
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KA11	<b>KONEKTOR KS CAT5e RJ45 8/8</b> - KS keystone standard pričvršćivanja - CAT5e, RJ45 8/8 - sukladno normi IEC 60603-7 <i>CONNECTOR KS CAT5e RJ45 8/8</i> - KS keystone fixing standard - CAT5e, RJ45 8/8 - in accordance with IEC 60603-7
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KA12	<b>KONEKTOR KS CAT5eS RJ45 8/8</b> - KS keystone standard pričvršćivanja - CAT5eS, RJ45 8/8 - sukladno normi IEC 60603-7 <i>CONNECTOR KS CAT5eS RJ45 8/8</i> - KS keystone fixing standard - CAT5eS, RJ45 8/8 - in accordance with IEC 60603-7
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KA15	<b>KONEKTOR KS CAT6 SCH RJ45 8/8</b> - KS keystone standard pričvršćivanja - CAT6 UTP bezalatna montaža, RJ45 8/8 - sukladno normi ISO/IEC 11801 <i>CONNECTOR KS CAT6 SCH RJ45 8/8</i> - KS keystone fixing standard - CAT6 UTP toolless, RJ45 8/8 - in accordance with ISO/IEC 11801
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KA16	<b>KONEKTOR KS CAT6S SCH RJ45 8/8</b> - KS keystone standard pričvršćivanja - CAT6S STP bezalatna montaža, RJ45 8/8 - sukladno normi ISO/IEC 11801 <i>CONNECTOR KS CAT6S SCH RJ45 8/8</i> - KS keystone fixing standard - CAT6S STP toolless, RJ45 8/8 - in accordance with ISO/IEC 11801
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KA17	<b>KONEKTOR KS CAT6a SCH RJ45 8/8</b> - KS keystone standard pričvršćivanja - CAT6a STP bezalatna montaža, RJ45 8/8 - sukladno normi ISO/IEC 11801 <i>CONNECTOR KS CAT6a SCH RJ45 8/8</i> - KS keystone fixing standard - CAT6a STP toolless, RJ45 8/8 - in accordance with ISO/IEC 11801
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KA18

**KONEKTOR TANKI KS CAT6S SCH RJ45 8/8**

- KS keystone standard pričvršćivanja
- tanki dizajn
- CAT6S STP bezalatna montaža, RJ45 8/8
- sukladno normi ISO/IEC 11801
- prikladno i s KE46 dvostrukim adapterom

*CONNECTOR SLIM KS CAT6S SCH RJ45 8/8*

- KS keystone fixing standard
- slim style
- CAT6S STP toolless, RJ45 8/8
- in accordance with ISO/IEC 11801
- suitable also for KE46 double adapter



KA27

**KONEKTOR KS HDMI**

- KS keystone standard pričvršćivanja
- samo u kombinaciji s adapterom KM50
- HDMI/HDMI

*CONNECTOR KS HDMI*

- KS keystone fixing standard
- only in combination with adapter KM50
- HDMI/HDMI



KA28

**KABEL KS HDMI**

- KS keystone standard pričvršćivanja
- samo u kombinaciji s adapterom KM50
- HDMI/HDMI

*CABLE KS HDMI*

- KS keystone fixing standard
- only in combination with adapter KM50
- HDMI/HDMI





EM31



PW



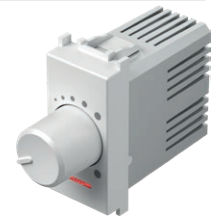
tip type	naziv description	tehnički podaci technical data	veličina size	boja colour
EM12	REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI DIMMER ROTATIVE 2WAY	RL 300W	1M	<input type="checkbox"/> PW bijela sjajna polar white <input type="checkbox"/> MW bijela mat matte white <input type="checkbox"/> SB crna mat soft touch black <input type="checkbox"/> AT antracit anthracite <input type="checkbox"/> ES srebrna mat elox silver <input type="checkbox"/> IW bež sjajna ivory white
EM23	UGRADBENI ZATAMNJIVAČ DIMMER INBOX	R (250 W), (RC,RL 200VA)	/	<input type="checkbox"/> BL plava blue <input type="checkbox"/> RD crvena red <input type="checkbox"/> GR zelena green <input type="checkbox"/> OR narančasta orange <input type="checkbox"/> RG crveno-zelena red/green
.	.	.	.	.
.	.	.	.	.

#### REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI RL 300W 1M



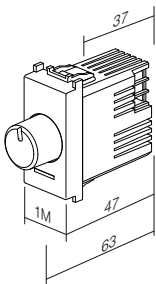
- EM12PW
- EM12MW
- EM12SB
- EM12AT
- EM12ES
- EM12IW

- rotacijski s izmjeničnom sklopkom
- opterećenje RL, 40 W – 300 W
- napajanje 230 V~ 50 Hz
- moguća je kombinacija s izmjeničnom sklopkom
- zajedničko montiranje više uređaja u jednu dozu dopušteno je isključivo pod uvjetom da njihovo ukupno maksimalno opterećenje ne premašuje maksimalnu snagu jedne sklopke za zatamnjivanje
- dopušteno je korištenje samo jedne sklopke za zatamnjivanje po strujnom krugu
- osigurač nije montiran – morate upotrijebiti vanjski osigurač
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5 – 2,5 mm<sup>2</sup>
- integrirana LED rasvjeta označava razinu zatamnjivanja



#### DIMMER ROTATIVE/2WAY RL 300W 1M

- rotation control with 2-way switch
- load RL, 40W - 300W
- supply voltage 230V~ 50Hz
- 2-way switch combination is possible
- installing several devices together in one box is only permitted if their total maximum load does not exceed the maximum power of a single dimmer
- one circuit allows the use of only one dimmer
- no built-in fuse – external fuse must be used
- in accordance with EN 60669-1
- screw contacts - 1.5-2.5mm<sup>2</sup>
- integrated LED indication of dimming level

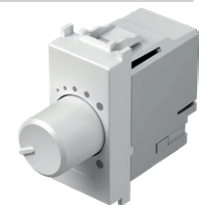


#### REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI LED 60W 1M



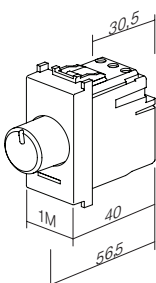
- EM13PW
- EM13MW
- EM13SB
- EM13AT
- EM13ES
- EM13IW

- rotacijski s izmjeničnom sklopkom
- opterećenje:
  - LED, 0 – 60 W (maks. 6 LED tinjalica s regulacijom osvjetljenja)
  - GLS, 0 – 60 W
- napajanje 230 V~ 50 Hz
- moguća je kombinacija s izmjeničnom sklopkom
- zajedničko montiranje više uređaja u jednu dozu dopušteno je isključivo pod uvjetom da njihovo ukupno maksimalno opterećenje ne premašuje maksimalnu snagu jedne sklopke za zatamnjivanje
- dopušteno je korištenje samo jedne sklopke za zatamnjivanje po strujnom krugu
- osigurač nije montiran – morate upotrijebiti vanjski osigurač
- sukladno normi IEC60669-2-1
- vijčano pričvršćivanje vodiča presjeka 1,5 – 2,5 mm<sup>2</sup>



#### DIMMER ROTATIVE/2WAY LED 60W 1M

- rotation control with 2-way switch
- loads: LED, 0 – 60W (max. 6 dimmable LED lamps)
- GLS, 0 – 60W
- supply voltage 230V~ 50Hz
- 2-way switch combination is possible
- installing several devices together in one box is only permitted if their total maximum load does not exceed the maximum power of a single dimmer
- one circuit allows the use of only one dimmer
- no built-in fuse – external fuse must be used
- in accordance with IEC60669-2-1
- screw contacts - 1.5-2.5mm<sup>2</sup>

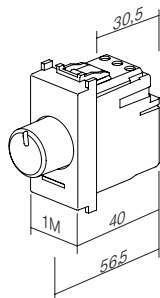
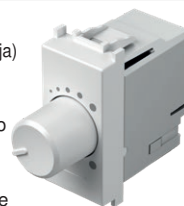


REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI LED 180W 1M



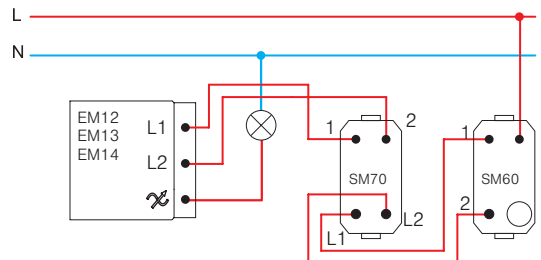
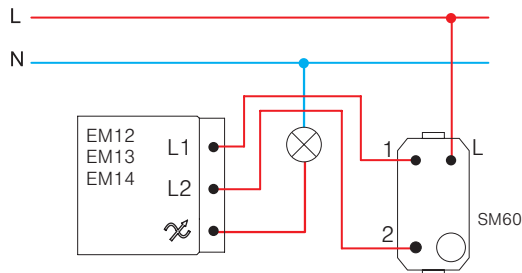
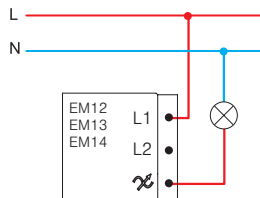
- EM14PW
- EM14MW
- EM14SB
- EM14AT
- EM14ES
- EM14IW

- rotacijski s izmjeničnom sklopkom
- opterećenje:
  - LED, 0 – 180 W (maks. 20 LED tinjalica s regulacijom osvjetljenja)
  - GLS, 0 – 180 W
- napajanje 230 V ~ 50 Hz
- moguća je kombinacija s izmjeničnom sklopkom
- zajedničko montiranje više uređaja u jednu dozu dopušteno je isključivo pod uvjetom da njihovo ukupno maksimalno opterećenje ne premašuje maksimalnu snagu jedne sklopke za zatamnjivanje
- dopušteno je korištenje samo jedne sklopke za zatamnjivanje po strujnom krugu
- osigurač nije montiran – morate upotrijebiti vanjski osigurač
- sukladno normi IEC60669-2-1
- vijčano pričvršćivanje vodiča presjeka 1,5 – 2,5 mm<sup>2</sup>



DIMMER ROTATIVE/2WAY LED 180W 1M

- rotation control with 2-way switch
- loads:
  - LED, 0 – 180W (max. 20 dimmable LED lamps)
  - GLS, 0 – 180W
- supply voltage 230V ~ 50Hz
- 2-way switch combination is possible
- installing several devices together in one box is only permitted if their total maximum load does not exceed the maximum power of a single dimmer
- one circuit allows the use of only one dimmer
- no built-in fuse – external fuse must be used
- in accordance with IEC60669-2-1
- screw contacts - 1.5-2.5mm<sup>2</sup>



REGULATOR OSVJETLJENJA ROTACIJSKI R 250W 1M

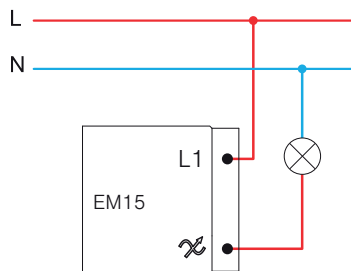
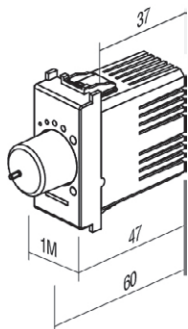


- EM15PW
- EM15MW
- EM15SB
- EM15AT
- EM15ES
- EM15IW

- rotacijski bez sklopke
- opterećenje R, 40W – 250W
- mrežni napon 230V ~ 50Hz
- nije moguća kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjetljenja nije dopušteno
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- LED indicacija

DIMMER ROTATIVE R 250W 1M

- rotation control without switch
- load R, 40W - 250W
- supply voltage 230V ~ 50Hz
- 2-way switch combination is not possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>
- LED indication

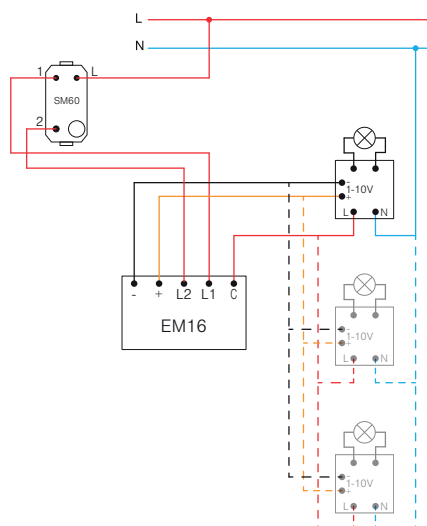
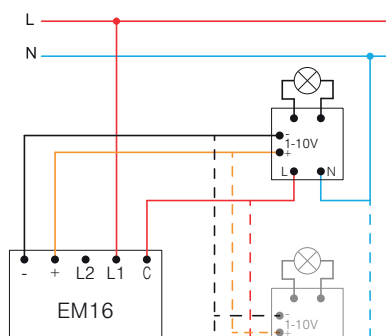
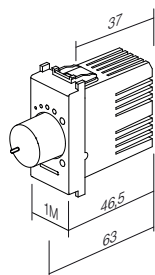


## 1 – 10 V ZATAMNJIVAČ ROTACIJSKI IZMJENIČNI



- EM16PW
- EM16MW
- EM16SB
- EM16AT
- EM16ES
- EM16IW

- nominalni radni napon: 10VDC
- minimalni radni napon: 0,7 VDC
- područje zatamnjenja: 0,7 % – 100 % (ovisno o napajaju i opterećenju)
- minimalna odvodna struja: 0,1 mA
- maksimalna odvodna struja: 120 mA
- maksimalna potrošnja: 0,35 W
- prenaponska zaštita: 15,8 VDC do 250 mA (nezamjenjiva)
- najveća impulsna struja: 3ADC
- vrsta opterećenja: 0 – 10 V, 1 – 10 V i PWM
- vrsta sklopke: mehanička: uključivanje/isključivanje na pritisak
- nulti vodič: nije potreban
- nominalni radni napon: 100 – 240 VAC, 50 – 60 Hz
- maksimalna trenutačna struja: 10 A
- maksimalna radna struja: 8 A
- maksimalno opterećenje (pri 230 VAC): 1800 VA (1800 x pf = maks. W)
- izolacijski otpor > 100 MΩ pri 250 VAC
- prenaponska zaštita i zaštita od kratkog spoja: 10 A, 350 VAC (nezamjenjiva)
- rotacijski kut: 270° ± 5°
- temperatura rada: -5 °C do 40 °C
- temperatura skladištenja: -30 °C do 80 °C
- maksimalna temperatura kućišta: 65 °C
- maksimalna vlažnost: 90 % (bez kondenzacije)
- EMC i imunost: CISPR 15(2008), IEC 61547
- LVD: IEC 60669-1:2017, IEC 60669-2-1:2015



## 1-10 V DIMMER ROTARY TOGGLE

- nominal operating voltage: 10 VDC
- minimum operating voltage: 0.7 VDC
- dimming range: 0.7% – 100% (depending on power supply and loads)
- minimum sink current: 0.1 mA
- maximum sink current: 120 mA
- maximum consumption: 0.35 W
- surge protection: 15.8 VDC up to 250 mA (not replaceable)
- maximum pulse current: 3 ADC
- load types: 0-10 V, 1-10 V and PWM
- switch type: mechanical: push on/off
- zero cable: not required
- nominal operating voltage: 100–240 VAC, 50–60 Hz
- maximum instantaneous current: 10 A
- maximum operating current: 8 A
- maximum load (at 230 VAC): 1800 VA (1800 x pf = max. W)
- isolation resistance: > 100 MΩ at 250 VAC
- surge protection and Short-circuit protection: 10 A, 350 VAC (not replaceable)
- rotation angle: 270° ± 5°
- operating temperature: -5 to 40°C
- storing temperature: -30 to 80°C
- maximum housing temperature: 65°C
- maximum humidity: 90% (no condensation)
- EMC & immunity: CISPR 15(2008), IEC 61547
- LVD: IEC 60669-1:2017, IEC 60669-2-1:2015

## UGRADBENI ZATAMNJIVAČ R (250 W), (RC,RL 200VA)

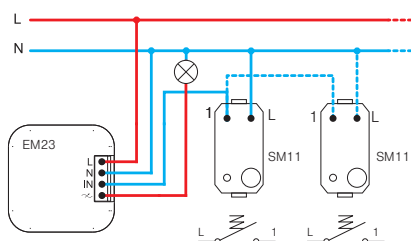
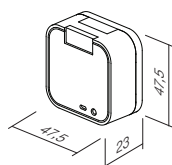


EM23

- ugradbeni, za povezivanje s tipkalom
- opterećenje RLC 15-250W ili 15-200 VA
- napajanje 230 V~ 50Hz
- moguće povezivanje više tipkala
- nije dopušteno povezivanje više zatamnivača
- ugrađena memorijska funkcija
- funkcija mekog uključivanja/isključivanja
- »leading edge«
- kompatibilan s EN60669, EN60950, EN 61000, ETSI EN 300 220-1, ETSI EN 300 220-2
- vijčana montaža vodiča do presjeka 2,5 mm<sup>2</sup>

## DIMMER INBOX R (250 W), (RC, RL 200 VA)

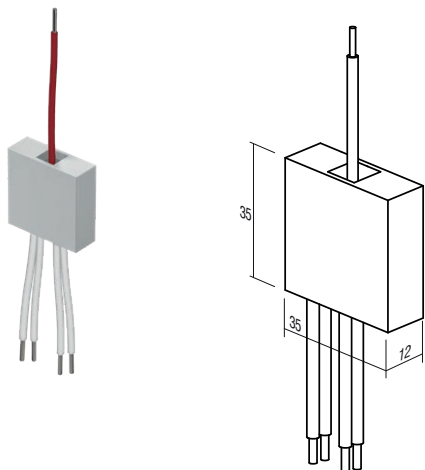
- inbox, controlled by external push button
- load RLC 15-250W or 15-200 VA
- supply voltage 230V~ 50Hz
- several push-buttons combinations are possible
- more dimmers combination is not allowed
- light intensity memory
- soft start/stop function
- »leading edge«
- in accordance with EN60669, EN60950, EN 61000, ETSI EN 300 220-1, ETSI EN 300 220-2
- screw contacts to wires 2,5 mm<sup>2</sup>



UPRAVLJAČKI modul MZC za EM18

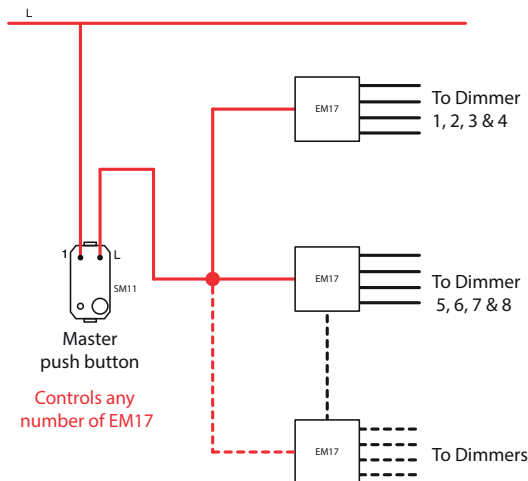
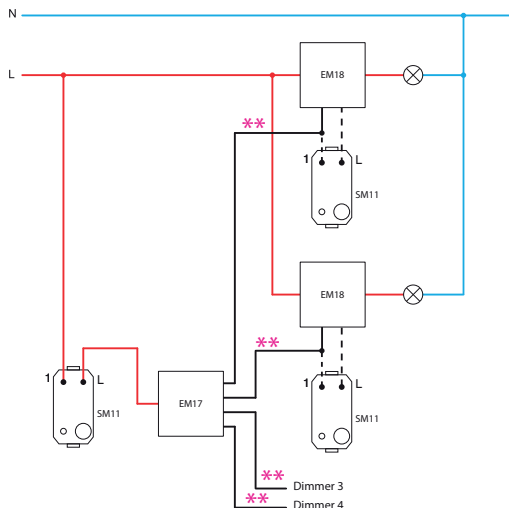
EM17

- Priključite MZC prema shemi povezivanja.
- Moguće je povezati više tipkala.
- Montaža samo jednog uređaja u jednu dozu.
- Samo za unutrašnju uporabu.
- Napajanje: 230 V~ 50 Hz
- Maksimalni otpor žica: 50 k
- Maksimalna struja na jedinici MZC: 10 mA
- Broj zatamnivača na MZC: 1 – 4
- Maksimalan broj povezanih MZC: ograničeno na osigurac u strujnom krugu
- Radna temperatura: -5 °C do 45 °C
- Temperatura skladištenja: -30 °C do 80 °C
- Maksimalna vlažnost: 90 % (bez kondenzacije)
- Dimenzije kucišta: 36 x 36 x 12 mm



MZC CONTROL Module for EM18

- Connect the MZC according to the wiring diagram.
- Possible wiring with several push buttons.
- Only one device installation per mounting box.
- For indoor use only.
- Power supply: 230V~ 50Hz
- Max. cable resistance: 50kΩ
- Max. current per MZC unit: 10mA
- Number of dimmers on MZC: 1-4
- Max. number of MZC in the wiring: limited to the fuse in the circuit
- Operating temperature: -5°C to 45°C
- Storage temperature: -30°C to 80°C
- Max. humidity: 90% (no condensation)
- Casing dimensions: 36x36x12 mm



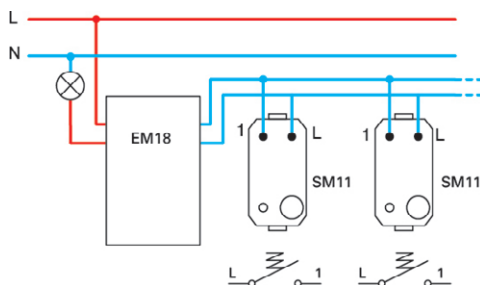
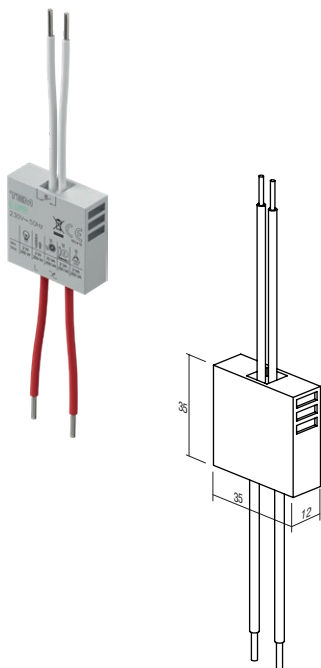
UGRADBENI ZATAMNJIVAČ LED 250 W

EM18

- ugradbeni, za povezivanje s tipkalom
- leading ili trailing edge
- napajanje 230 V~ 50 Hz
- moguće povezivanje više tipkala
- funkcija memoriranja zadnje postavke, osim u slučaju nestanka struje
- funkcija mekog uključivanja/isključivanja
- postavljanje minimalnog osvjetljenja
- montaža samo jednog uređaja u jednu dozu
- samo za unutrašnju uporabu
- usklađen s normama EN 60669-1 i EN 60669-2-1

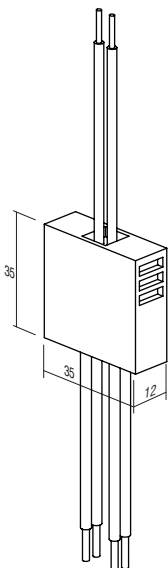
DIMMER INBOX LED 250W

- inbox, controlled by external push button
- for leading or trailing edge
- supply voltage 230V~ 50Hz
- several push-buttons combinations is possible
- memory function of the last setting, except in the case of a power failure
- soft start / stop function
- minimum intensity control
- only one dimmer per wall box
- only for indoor usage
- in accordance with EN 60669-1 and EN 60669-2-1



## UGRADBENI ZATAMNJIVAČ DC LED 96 W

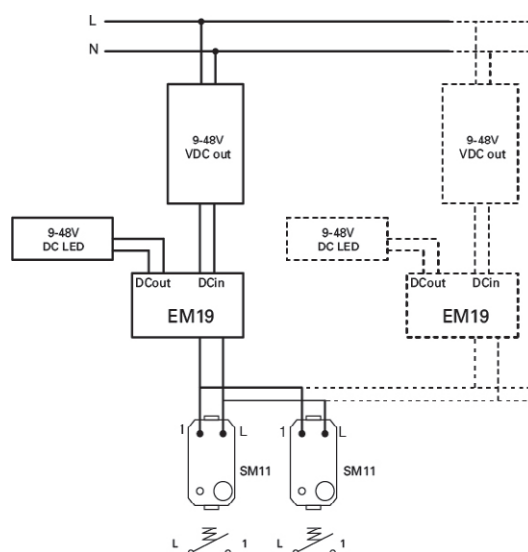
EM19



- ugradbeni, za povezivanje s tipkalom
- povezanost sa svim jedinicama napajanja LED rasvjete sa stalnim naponom i nekim jedinicama napajanja LED rasvjete sa stalnim tokom, 9 – 48 V DC, max 96 W
- nije namijenjeno uporabi s induktivnim opterećenjem
- moguće povezivanje više tipkala i zatamnivača
- funkcija memoriranja zadnje postavke, osim u slučaju nestanka struje
- funkcija mekog uključivanja/isključivanja
- montaža samo jednog uređaja u jednu dozu
- samo za unutrašnju uporabu

## DIMMER INBOX DC LED 96W

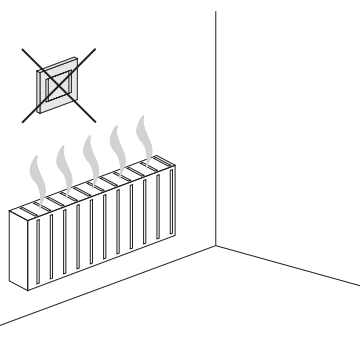
- inbox, controlled by external push button
- for use with constant voltage LED drivers and some constant current LED drivers, 9-48V DC, max 96W (also for LED strips)
- not for use with inductive loads
- several push-buttons combinations and several dimmers is possible
- memory function of the last setting, except in the case of a power failure
- soft start / stop function
- only one dimmer per wall box
- only for indoor usage

**POZOR!**

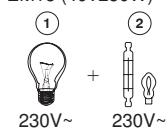
Ako se više regulatora osvijetljenja priključi u jednu kutiju, za svaki se dodatni regulator smanjuje maksimalna ukupna snaga za 10%.

**ATTENTION!**

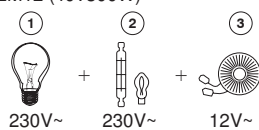
If more dimmers are connected in one box reduce maximum common power for 10% for each dimmer.



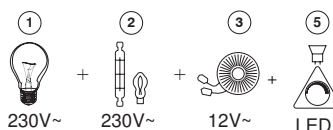
EM15 (40÷250W)



EM12 (40÷300W)



EM13 (0÷60W), EM14 (0÷180W), EM23 (15÷250W, 15÷200VA),

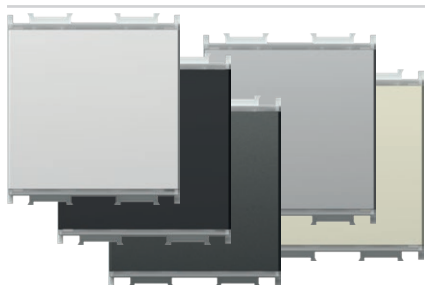


EM18 (2÷250VA)



- 1 - žarulja sa žarnom niti / incandescent lamp
- 2 - halogena žarulja / halogen lamp
- 3 - klasični transformator / classical transformer
- 4 - elektronički transformator s regulatorom osvijetljenja / dimmable electronic transformer
- 5 - LED tinjalica s regulacijom osvijetljenja / dimmable LED lamp

SKLOPKA / REGULATOR OSVJETLJENJA UNIVERZALNI RLC 0-300W 2M



- EM25PW
- EM25MW
- EM25SB
- EM25AT
- EM25ES
- EM25IW



TOUCH EM25 je mikroprocesorski upravljani zatamnivač svjetla. Služi kao sklopka te zatamnivač za zatamnjive i neke vrste nezatamnjenih žarulja. Ugrađeni mikroprocesor automatski prepoznaje vrstu žarulje i prilagodava način rada. Pamti razinu zatamnjenja nakon isključivanja, zahvaljujući ugrađenoj memorijskoj funkciji. Funkcija polaganog paljenja produžava vijek trajanja žarulje. U tipku integrirana elegantna LED rasvjeta omogućuje razne boje i razine intenziteta. Moguće je spojiti do 5 dodatnih upravljačkih sklopki EM26 („slave“).

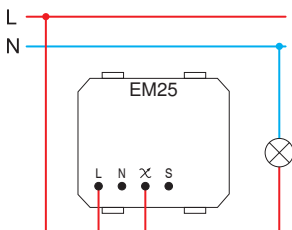
TOUCH EM25 is microprocessor controlled electronic light dimmer. It serves as switch and dimmer for dimmable and some of non-dimmable lamps. Integrated microprocessor automatically identifies the type of lamp and adjusts the operating mode. It remembers the level of dimming after switching off due to integrated memory function. Soft-start function extends the lamp service life. An elegant LED indication is integrated into the button and the option of choosing a colour and intensity level is provided. Optionally one can connect of up to 5 additional control tasters EM26 (»slave«).

- univerzalni elektronički regulator osvjetljenja za uključivanje i isključivanje i regulaciju osvjetljenja svih zatamnjenih žarulja (klasična, halogena, LED, CFL, ...) i nekih vrsta nezatamnjenih
- automatska detekcija tipa tinjalice i prilagodba režima rada
- smanjenje potrošnje energije
- funkcija usporenog starta produžuje vijek trajanja tinjalice
- kontrola preko ugrađene mikrosklopke
- ugrađena funkcija memorije – pri gašenju memorira stupanj svjetlosti
- može se priključiti do pet (5) dodatnih kontrolnih jedinica EM26
- nije moguće kombiniranje s izmjeničnom sklopkom
- ugrađena zaštita od kratkog spoja, pregrijavanja i preopterećenja
- mrežni napon 230V~ 50Hz
- integrirana elegantna LED rasvjeta omogućuje razne boje i razine intenziteta
- moguća zamjena klasične sklopke u dvožičnom spoju<sup>(1)</sup>
- potpuna funkcionalnost postiže se u trožičnom spoju<sup>(2)</sup>
- sukladno normama EN 60669-1 i EN 60669-2-1
- vijčano pričvršćivanje vodiča presjeka 1,5 mm<sup>2</sup> (maks. moment zatezanja 0,4 Nm)

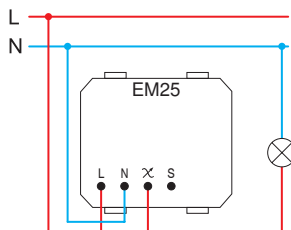
SWITCH / DIMMER UNIVERSAL RLC 0-300W 2M

- universal electronic dimmer for ON/OFF switching and dimming of all dimmable lamps (classical, halogen, LED, CFL, ...) and some non-dimmable lamps
- automatic detection of lamp type and adjustment of operating mode
- reduction of energy consumption
- soft start function extends life of lamps
- controlled by build-in micro switches
- memory function included – memorizes brightness on turn-off
- up to five (5) additional control units EM26 can be connected
- connection with 2-way switch is not possible
- build-in short-circuit, overheating and overload protection
- supply voltage 230V~ 50Hz
- an elegant integrated LED indication with the option of setting colour and intensity.
- replacement of classical switch is possible at two-wire connection<sup>(1)</sup>
- full functionality is achieved at three-wire connection<sup>(2)</sup>
- in accordance with EN 60669-1 and EN 60669-2-1
- screw contacts 1.5mm<sup>2</sup> (max. tightening torque 0.4Nm)

<sup>(1)</sup>dvožični spoj  
two-wire connection



<sup>(2)</sup>trožični spoj  
three-wire connection



- dvožičano spajanje omogućava zatamnjenje zatamnjenih žarulja
- two-wire connection allows dimming of dimmable lamps

- trožičano spajanje omogućava zatamnjenje zatamnjenih žarulja te nekih nezatamnjenih LED i CFL lampi
- three-wire connection allows dimming of dimmable lamps and some of non-dimmable LED and CFL lamps

	1	2	5	6	7
Min.	40 W	40 W	40 VA	40 VA	40 VA
Max.	300 W	300 W	300 VA	100 VA	100 VA
	(F)	(F)	(F)		

- 1 - žarulja sa žarnom niti / incandescent lamp
- 2 - halogena žarulja / halogen lamp
- 4 - elektronički transformator s regulatorom osvjetljenja / dimmable electronic transformer
- 5 - klasični transformator / classical transformer

	1	2	4	6	7	8	9
Min.	0 W	0 W	0 VA	0 VA	0 VA	0 VA	0 VA
Max.	300 W	300 W	120 VA	120 VA	120 VA	120 VA	120 VA
	(F)	(F)	(F)			(F)	(F)

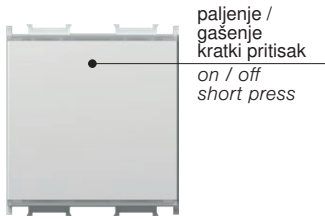
- 6 - štedna CFL tinjalica s regulacijom osvjetljenja / dimmable energy saving CFL lamp
- 7 - LED tinjalica s regulacijom osvjetljenja / dimmable LED lamp
- 8 - štedna CFL tinjalica bez regulacije osvjetljenja / non-dimmable energy saving CFL lamp
- 9 - LED tinjalica bez regulacije osvjetljenja / non-dimmable LED lamp

napomene / remarks

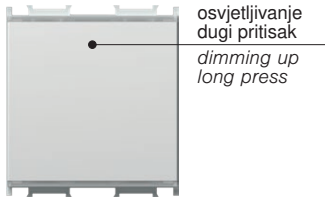
- (F) filter EM27
- preporučujemo korištenje EM27 filtra / it is recommended to use filter EM27
- sve spojene žarulje moraju biti jednake / all controlled lamps must be the same
- tablica opterećenja vrijedi za žarulje s faktorom PF>0.5 / table of loads is valid for lamps with power factor PF>0.5



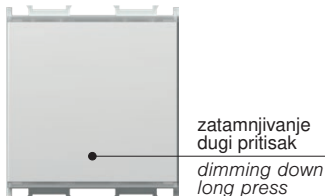
paljenje / gašenje te zatamnivanje žarulje /  
on / off switching and dimming of lamp



paljenje /  
gašenje  
kratki pritisak  
on / off  
short press

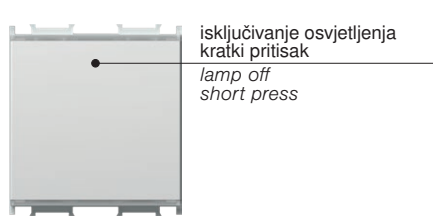


osvjetljivanje  
dugi pritisak  
dimming up  
long press

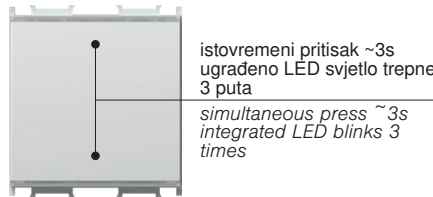


zatamnivanje  
dugi pritisak  
dimming down  
long press

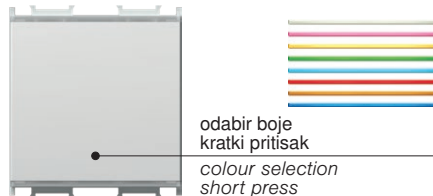
odabir boje i namještanje intenziteta LED rasvjete /  
LED unit colour and intensity level selection



isključivanje osvjetljenja  
kratki pritisak  
lamp off  
short press

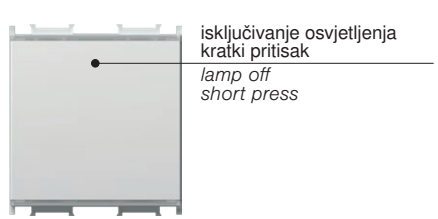


istovremeni pritisak ~3s  
ugrađeno LED svjetlo trepne  
3 puta  
simultaneous press ~3s  
integrated LED blinks 3  
times

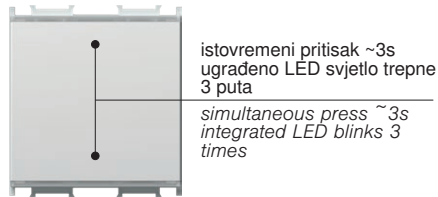


odabir boje  
kratki pritisak  
colour selection  
short press

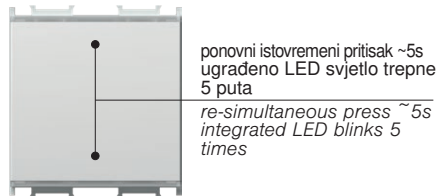
\* funkcija "RESET" /  
"RESET" function



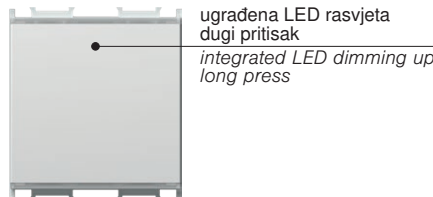
isključivanje osvjetljenja  
kratki pritisak  
lamp off  
short press



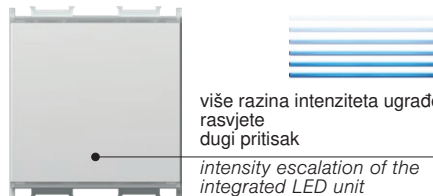
istovremeni pritisak ~3s  
ugrađeno LED svjetlo trepne  
3 puta  
simultaneous press ~3s  
integrated LED blinks 3  
times



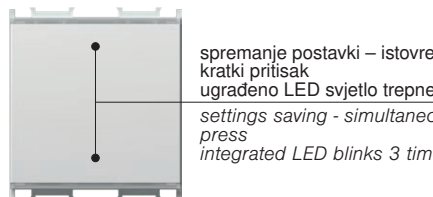
ponovni istovremeni pritisak ~5s  
ugrađeno LED svjetlo trepne  
5 puta  
re-simultaneous press ~5s  
integrated LED blinks 5  
times



ugrađena LED rasvjeta  
dugi pritisak  
integrated LED dimming up  
long press



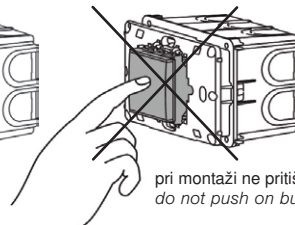
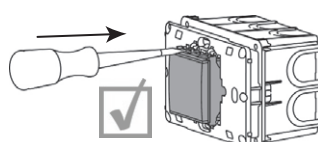
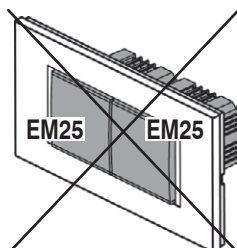
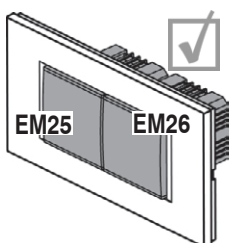
više razina intenziteta ugrađene LED  
rasvjete  
dugi pritisak  
intensity escalation of the  
integrated LED unit  
long press



spremanje postavki – istovremeni  
kratki pritisak  
ugrađeno LED svjetlo trepne 3 puta  
settings saving - simultaneous short  
press  
integrated LED blinks 3 times

- \* - preporučuje se za ugradnju zatamnivača i pri zamjeni žarulje
- obavezno kod korištenja nezatamnjivih žarulja
- funkcija "RESET" nije dostupna kod korištenja dvožičanog spajanja
- moguće samo za EM25
- it is recommended at dimmer installation and lamp replacement
- mandatory when using non-dimmable lamps
- "RESET" function is not possible when using two-wire connection
- only possible on EM25

upozorenja za ugradnju /  
installation precautions



pri montaži ne pritišćite tipku /  
do not push on button during mounting

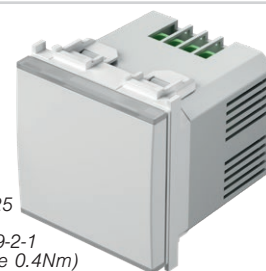




- EM26PW
- EM26MW
- EM26SB
- EM26AT
- EM26ES
- EM26IW

**UPRAVLJAČKA JEDINICA - TIPKALO 2M**

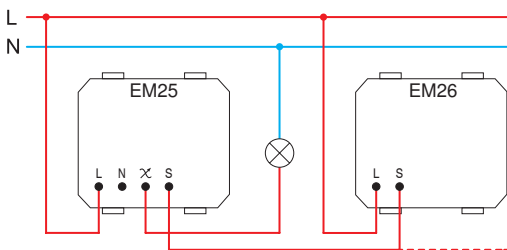
- priključena na univerzalni regulator osvjjetljenja dopušta upravljanje tinjalicama s istom funkcionalnošću kao EM25
- mrežni napon 230V~ 50Hz
- sukladno normama EN 60669-1 i EN 60669-2-1
- vijčano pričvršćivanje vodiča presjeka 1,5 mm<sup>2</sup> (maks. moment zatezanja 0,4 Nm)



**PUSH-BUTTON CONTROL UNIT 2M**

- connected to universal dimmer EM25 allows controlling of lamps with same functionality as EM25
- supply voltage 230V~ 50Hz
- in accordance with EN 60669-1 and EN 60669-2-1
- screw contacts 1.5mm<sup>2</sup> (max. tightening torque 0.4Nm)

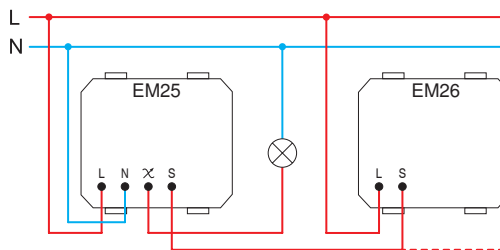
<sup>(1)</sup>dvožični spoj  
two-wire connection



- dvožičano spajanje omogućava zatamnivanje zatamnjivih žarulja
- kod dvožičnog spajanja korištenje svake dodatne upravljačke jedinice povećava minimalno opterećenje za 25W

- two-wire connection allows dimming of dimmable lamps
- in a two-wire connection each additional control unit increases the minimum load by 25W

<sup>(2)</sup>trožični spoj  
three-wire connection



- trožičano spajanje omogućava zatamnivanje zatamnjivih žarulja te nekih nezatamnjivih LED i CFL lampi

- three-wire connection allows dimming of dimmable lamps and some of non-dimmable LED and CFL lamps



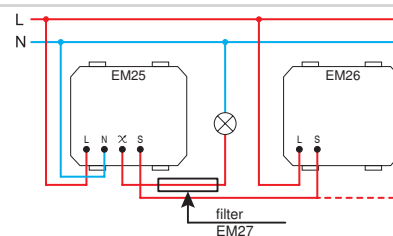
EM27

**FREKVENCIJSKI FILTAR**

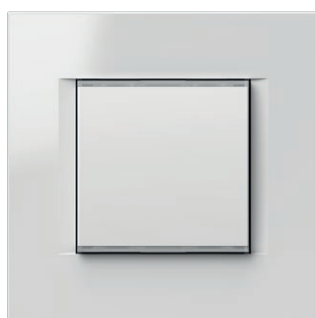
- filter frekvencijskih smetnji za EM25
- prikaz je simboličan

**FREQUENCY FILTER**

- frequency filter for EM25
- image is symbolic



**SET SKLOPKA / REGULATOR OSVJETLJENJA UNIVERZALNI RLC 0-300W 2M PP OL20**



EM25PPOL20

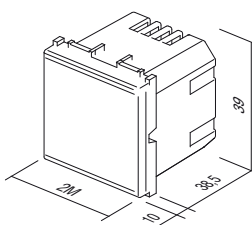
- set uključuje regulator osvjjetljenja EM25, ugradbeni nosač 2M i okvir LINE 2M PW
- za tehničke detalje pogledajte EM25

**SET SWITCH / DIMMER UNIVERSAL RLC 0-300W 2M PP OL20**

- set includes dimmer EM25, mounting frame 2M and cover plate LINE 2M PW
- for technical details see EM25



2M = 45 x 45



EM25  
EM26

IR SKLOPKA 5A 230V~ 1M



- EM31PW
- EM31MW
- EM31SB
- EM31AT
- EM31ES
- EM31IW

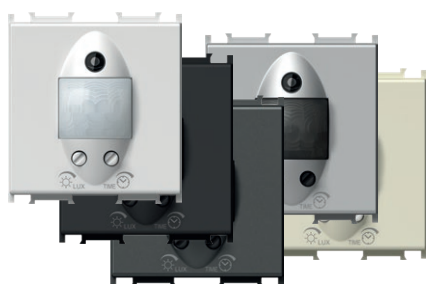
- IR infracrvena sklopka
- napajanje: 230V~ ± 10% 50Hz
- relej: 5A / 250V~ (zero crossing)
- zaštitna razina: IP40
- presjek žica na kontaktnom terminalu: 0,75 - 2,5 mm<sup>2</sup>
- kut prepoznavanja: do 110° pri 20 °C
- raspon prepoznavanja: približno 8m pri 20 °C
- prilagodljivost trajanja: od približno 5 s do 12 min
- prilagodljivost osvetljenja: od približno 5 do 200 LUX
- temperatura radnog okruženja: od 0 °C do +40 °C
- nije prikladan za ugradnju u kutije duboke 45 mm te podžbukne kutije CUBO IP20
- samo za unutrašnju uporabu



IR SWITCH 5A 230V~ 1M

- IR infrared switch
- supply voltage: 230V~ ±10 % 50Hz
- relay: 5A / 250V~ (zero crossing)
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 mm<sup>2</sup>
- detection angle: up to 110° at 20°C
- detection area: approx. 8 m at 20°C
- adjustability of duration: from approx. 5 s to 12 min
- adjustability of brightness: from approx. 5 to 200 LUX
- operating temperature: from 0°C to +40°C
- not suitable for installation in 45 mm deep boxes and surface mount box CUBO IP20
- only for indoor usage

IR SKLOPKA 5A 230V~ 2M



- EM32PW
- EM32MW
- EM32SB
- EM32AT
- EM32ES
- EM32IW

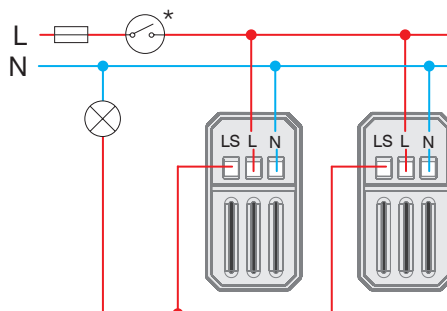
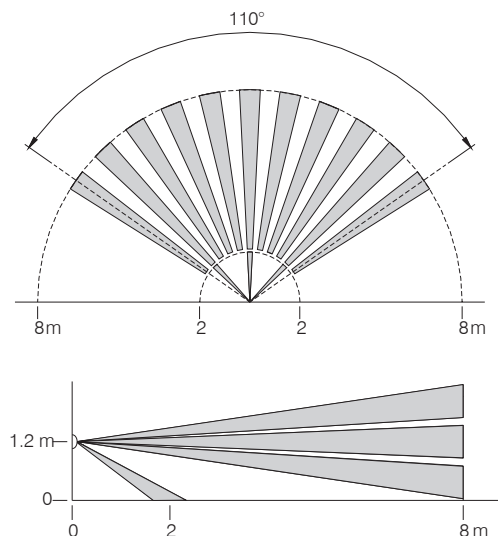
- IR infracrvena sklopka
- napajanje: 230V~ ± 10% 50Hz
- relej: 5A / 250V~ (zero crossing)
- zaštitna razina: IP40
- presjek žica na kontaktnom terminalu: 0,75 - 2,5 mm<sup>2</sup>
- kut prepoznavanja: do 110° pri 20 °C
- raspon prepoznavanja: približno 8m pri 20 °C
- prilagodljivost trajanja: od približno 5 s do 12 min
- prilagodljivost osvetljenja: od približno 5 do 200 LUX
- temperatura radnog okruženja: od 0 °C do +40 °C
- nije prikladan za ugradnju u kutije duboke 45mm te podžbukne kutije CUBO IP20
- samo za unutrašnju uporabu



IR SWITCH 5A 230V~ 2M

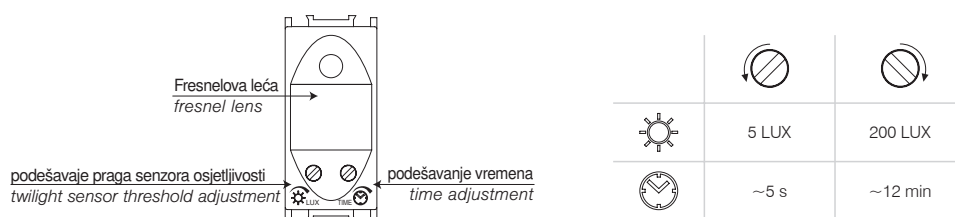
- IR infrared switch
- supply voltage: 230V~ ±10 % 50Hz
- relay: 5A / 250V~ (zero crossing)
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 mm<sup>2</sup>
- detection angle: up to 110° at 20°C
- detection area: approx. 8 m at 20°C
- adjustability of duration: from approx. 5 s to 12 min
- adjustability of brightness: from approx. 5 to 200 LUX
- operating temperature: from 0°C to +40°C
- not suitable for installation in 45 mm deep boxes and surface mount box CUBO IP20
- only for indoor usage

moгуćnost raspoznavanja  
detection range



## E L E C T R O N I C S E M

podešavanje vremena i osjetljivosti /  
time and twilight adjustment



	1	2	3	4	5	6	7	8
Min.	1 W	1 W		1 VA	1 W	1 W	1 VA	1 VA
Max.	800 W	800 W	5A	6x20 VA	6x36 W	4x36 W (20μF)	6x23 VA	6x20 VA

1 - žarulja sa žarnom niti /  
incandescent lamp

2 - halogena žarulja /  
halogen lamp

3 - otporan grijaći element /  
resistive heating element

4 - elektronički transformator /  
electronic transformer

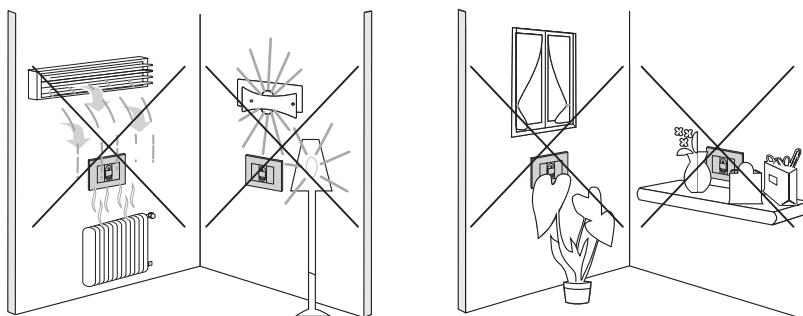
5 - fluorescentna cijev (izvedba 1) /  
fluorescent tube (version 1)

6 - fluorescentna cijev (izvedba 2) /  
fluorescent tube (version 2)

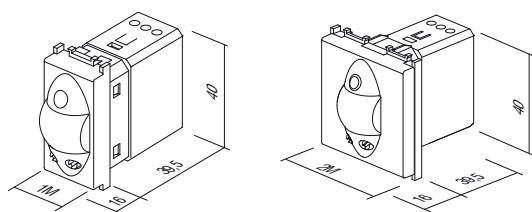
7 - štedna CFL žarulja /  
energy saving CFL lamp

8 - LED žarulja /  
LED lamp

upozorenja /  
attention



1M = 22,5 x 45  
2M = 45 x 45



TERMOSTAT OSNOVNI 6A 230V~ 2M



- EM37PW
- EM37SB
- EM37AT
- EM37ES
- EM37IW

- elektronički termostat, osnovni
- način rada: grijanje / hlađenje / isključeno
- napajanje: 230 VAC, 50 Hz
- izlaz: 6(2) A, 230 VAC, relejna sklopka
- raspon regulacije: +10 °C do +30 °C
- histereza: ±0.5 °C, ED = 20min
- zaštita protiv smrzavanja (način grijanja): +6 °C
- zaštita protiv pregrijavanja (način hlađenja): +32 °C
- funkcija ECO za snižavanje temperature za 3 °C za 6 sati u načinu grijanja te povećanja temperature za 3 °C za 6 sati u načinu hlađenja
- prilagođena ECO funkcija, svaki dan automatski u isto vrijeme snižava temperaturu za 3 °C unutar 6 sati u načinu grijanja te povećava temperaturu za 3 °C unutar 6 sati u načinu hlađenja
- mogućnost uključivanja ECO funkcije vanjskim
- LED signalizacija načina rada
- nije prikladan za električno podno grijanje
- vijčano pričvršćivanje vodiča presjeka maks. 2.5 mm<sup>2</sup>
- sukladno s LV Direktivom, EMC Direktivom, standardima EN60730-1 te EN60730-2-9
- za pravilno korištenje preporučujemo instaliranje u zasebnu kutiju, odvojenu od uređaja koji stvaraju toplinu
- temperatura korištenja: 5 ÷ 35 °C
- temperatura skladištenja: -20 ÷ 50 °C

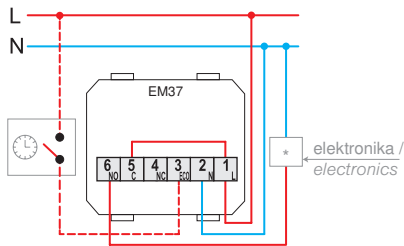


Termostat je namijenjen reguliranju temperature u prostoru. Termostat omogućava dva načina rada – grijanje ili hlađenje. Ugrađene su i sigurnosne funkcije protiv smrzavanja (način grijanja) te protiv pregrijavanja (način hlađenja). Način rada označava se LED signalizacijom. Postavke termostata unose se pomoću okretnog mehanizma za postavljanje temperature te s drugim kapacitivnim dodirnim tipkama.

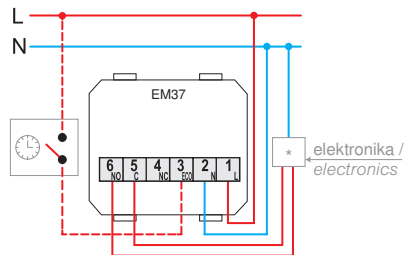
The thermostat is intended for regulating temperature in a room. A thermostat enables two modes of operation – heating or cooling. It has safety functions installed for protection against freezing (heating mode) and protection against overheating (cooling mode). The operation is indicated via LED signaling. Thermostat setup is performed with the help of a rotary button for setting the temperature and with other capacitive touch buttons.

THERMOSTAT BASIC 6A 230 V ~ 2M

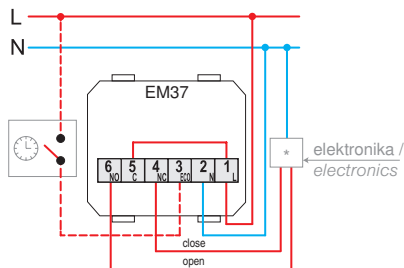
- electronic thermostat, basic
- operation mode: heating/cooling/turn off
- power supply: 230 VAC, 50 Hz
- output: 6(2) A, 230 VAC, relay switch
- regulation range: +10 °C to +30 °C
- hysteresis: ±0.5 °C, ED = 20min
- anti-freeze protection (heating mode): +6 °C
- overheating protection (cooling mode): +32 °C
- ECO function for lowering the temperature by 3 °C for 6 hours in the heating mode and raising temperature by 3 °C for 6 hours in the cooling mode
- adaptive ECO function, automatically every day at the same time lowers the temperature by 3 °C for 6 hours in the heating mode and raises temperature by 3 °C for 6 hours in the cooling mode
- option to turn on the ECO operating mode by external trigger via a separate input
- LED signalling of the operation
- not suitable for electrical floor heating
- screw contacts max. 2.5 mm<sup>2</sup>
- in accordance with the LV Directive, the EMC Directive, standards EN60730-1 and EN60730-2-9
- for correct operation, we recommend installing in an independent single box, separate from devices that generate heat
- operating temperature: 5 ÷ 35 °C
- storage temperature: -20 ÷ 50 °C



cirkulacijska crpka, plamenik (direktno spajanje)  
termoelektrični pogon /  
circulation pump, burner (direct connection)  
thermoelectric drive



bojler, toplinska crpka, plamenik (upravljački unos T1/T2) /  
boiler, heat pump, burner (control input T1/T2)

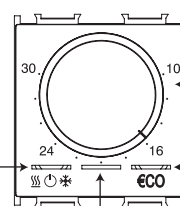


motorni pogon (ograničena uporaba s podnim grijanjem) /  
motor drive (limited use with underfloor heating)

postavljanje načina rada i temperature /  
function and temperature adjustment

tipka za izbor načina rada i LED indikator stanja:  
crvena: grijanje  
plava: hlađenje  
ne svijetli: isključeno

function selection button and LED status signalization:  
red: heating  
blue: air conditioning  
no light: switched off



postavljanje temperature  
temperature setting

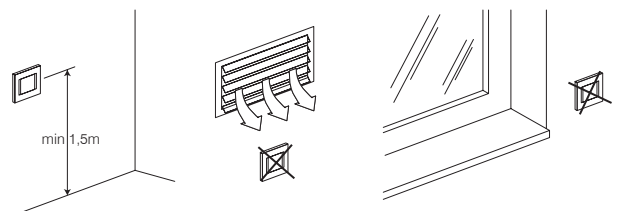
tipka za izbor "ECO" načina i LED indikator "ECO" načina  
zelen: ECO ušteda energije UKLJUČENA  
narančasta: aktiviran prilagođeni ECO način  
ne svijetli: dnevni način

"ECO" function selection button and LED "ECO" status indicator  
green: ECO energy saving ON  
orange: adaptive ECO mode activated  
no light: day mode

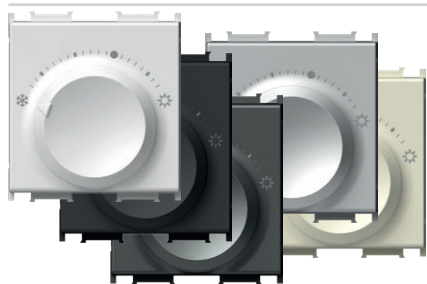
LED indikator stanja izlaznog releja  
bijela: relej uključen  
ne svijetli: relej isključen

LED output relay state signalization  
white: relay ON  
no light: relay OFF

upozorenja /  
attention



TERMOSTAT GRIJANJE 5(2) A 230 V~ 2M



- EM38PW
- EM38MW
- EM38SB
- EM38AT
- EM38ES
- EM38IW

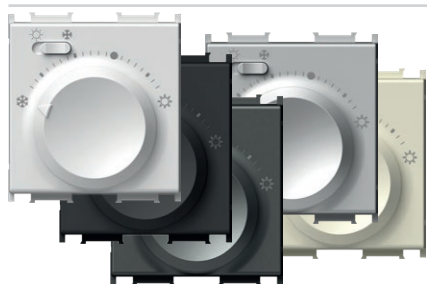
- Način rada: grijanje
- Napajanje: 230 VAC, 50 Hz
- Naponski puls: 4 kV
- Potrošnja energije: < 0,5 W
- Izlaz: 2 A (maks. 5 A); 230 VAC, 50 Hz
- Izlazni priključak: NO (maks. 10 aktuatora)
- Raspon regulacije: +5 °C do +30 °C
- Zaštita protiv smrzavanja: +5 °C
- Histereza: 0,5 K
- Zaštita: IP30
- Vrsta senzora: Bimetal
- Vrsta električnog priključka: Opružni kontakti
- Vrsta vodiča: 0,75 - 1,5mm<sup>2</sup> (meka žica); 1,0 - 2,5 mm<sup>2</sup> (tvrda žica)
- U skladu s direktivom DIN EN 60730



HEATING THERMOSTAT 5(2)A 230V~ 2M

- operation mode: heating
- power supply: 230 VAC, 50 Hz
- voltage pulse: 4 kV
- energy consumption: < 0.5 W
- output: 2 A (max. 5 A); 230 VAC, 50 Hz
- switching output: NO (max. 10 actuators)
- regulation range: +5°C to +30°C
- frost protection: +5°C
- hysteresis: 0.5 K
- protection: IP30
- sensor type: Bimetal
- type of electrical connection: Spring-loaded contacts
- type of conductors: 0.75 – 1.5 mm<sup>2</sup> (flexible-stranded core); 1.0 – 2.5 mm<sup>2</sup> (solid core)
- in compliance with Directive DIN EN 60730

TERMOSTAT GRIJANJE/HLAĐENJE 3(1,5) A 230 V~ 2M



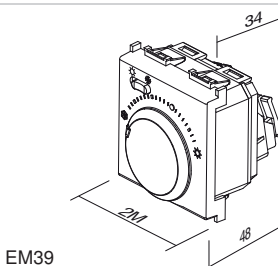
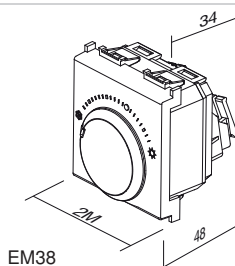
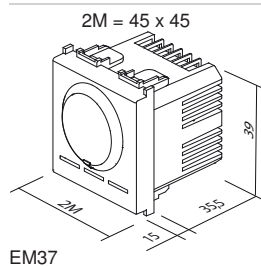
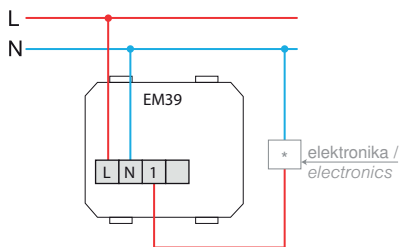
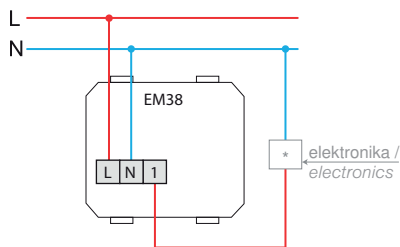
- EM39PW
- EM39MW
- EM39SB
- EM39AT
- EM39ES
- EM39IW

- Način rada: grijanje / hlađenje
- Napajanje: 230 VAC, 50 Hz
- Naponski puls: 4 kV
- Potrošnja energije: < 0,5 W
- Izlaz: 1.5 A (maks. 3 A); 230 VAC, 50 Hz
- Izlazni priključak: preklopna sklopka (maks. 5 aktuatora)
- Raspon regulacije: +5 °C do +30 °C
- Zaštita protiv smrzavanja: +5 °C
- Histereza: 0,5 K
- Zaštita: IP30
- Vrsta senzora: Bimetal
- Vrsta električnog priključka: Opružni kontakti
- Vrsta vodiča: 0,75 - 1,5mm<sup>2</sup> (meka žica); 1,0 - 2,5 mm<sup>2</sup> (tvrda žica)
- U skladu s direktivom DIN EN 60730



HEATING/COOLING THERMOSTAT 3(1.5)A 230V~ 2M

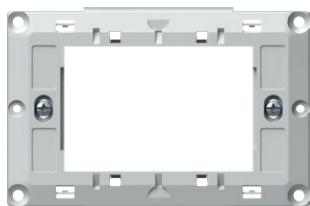
- operation mode: cooling/heating
- power supply: 230 VAC, 50 Hz
- voltage pulse: 4 kV
- energy consumption: < 0.5 W
- output: 1 A (max. 3 A); 230 VAC, 50 Hz
- switching output: mode selector switch (max. 5 actuators)
- regulation range: +5°C to +30°C
- frost protection: +5°C
- hysteresis: 0.5 K
- protection: IP30
- sensor type: Bimetal
- type of electrical connection: Spring-loaded contacts
- type of conductors: 0.75 - 1.5mm<sup>2</sup> (flexible-stranded core); 1.0 - 2.5 mm<sup>2</sup> (solid core)
- in compliance with the Directive DIN EN 60730



EM37

EM38

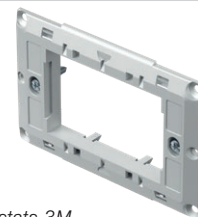
EM39



NM39

### NOSAČ S VIJCIMA ZA TERMOSTATE FANTINI COSMI 3M

- nosač s vijcima za termostate Fantini Cosmi 3M
- prikladan za korištenje s dnevnim termostatima Fantini Cosmi modela CH121 i CH123
- prikladan za korištenje s tjednim termostatima Fantini Cosmi modela CH141A i CH143A
- ugrađnja u pravokutne kutije 3M
- prikladan za kombiniranje s okvirima PURE, Line, Soft



#### MOUNTING FRAME WITH SCREWS FOR FANTINI COSMI THERMOSTATS 3M

- mounting frame with screws for Fantini Cosmi thermostats 3M
- suitable for use with Fantini Cosmi daily thermostats models CH121 and CH123
- suitable for use with Fantini Cosmi weekly thermostats models CH141A and CH143A
- for mounting in rectangular boxes 3M
- suitable for assembling with cover plates PURE, Line, Soft



- EM40PW
- EM40MW
- EM40SB
- EM40AT
- EM40ES
- EM40IW

### ŠTEDNA KARTIČNA SKLOPKA 3A 250V~ 3M

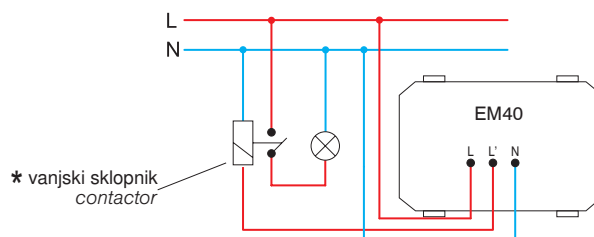
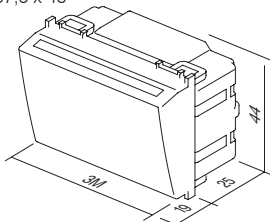
- osnovna kartična sklopka, za bilo koju ISO karticu
- mrežni napon 230V~ 50Hz
- izlaz: 3A 250V~ za sklopnik\*
- zadržka isklopa 15-20s
- sukladno normi EN 61000-6-1
- kartica nije priložena
- nije za kontrolu pristupa



#### ENERGY SAVER CARD SWITCH 3A 250V~ 3M

- card switch basic, any ISO card
- supply voltage 230V~ 50Hz
- output 3A 250V~ for switching contactor \*
- switch off delay 15-20s
- in accordance with EN 61000-6-1
- card is not included
- not for access control

3M = 67,5 x 45



\* vanjski sklopnik  
contactor



EM47

### KARTICA ISO

- ISO kartica
- za uporabu s kartičnom sklopkom EM40
- veličina: 85x54 mm

#### CARD ISO

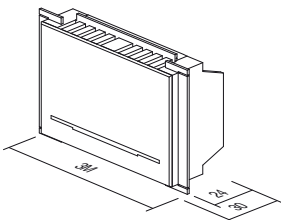
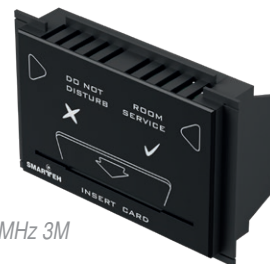
- ISO card
- for combination with card switch EM40
- size: 85x54 mm



EM44BK

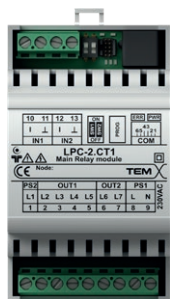
ŠTEDNA KARTIČNA SKLOPKA RF HF 13,56MHz 3M

- kartična sklopka elektronska za RFID ISO karticu
- napajanje iz relejne jedinice EM49 putem kablovskih konektora RJ12
- izlaz treba biti spojen na relejni izlaz EM49
- 15-20s zadržka isklopa „glavnog napajanja” s povlačenjem kartice
- 1 min zadržka isklopa „HVAC” s povlačenjem kartice prilikom otvaranja balkonskih vrata ili prozora
- sukladno normi EN 61000-6-1
- kartica nije priložena
- nije za kontrolu pristupa



ENERGY SAVER CARD SWITCH RF HF 13,56MHz 3M

- electronic card switch for RFID ISO card
- supply from relay unit EM49 through cable connectors RJ12
- output to be connected to relay output unit EM49
- 15-20s "main power" switch off delay with card withdrawal
- 1 min "HVAC" switch off delay with card withdrawal when balcony doors or windows opened
- in accordance with EN 61000-6-1
- card is not included
- not for access control



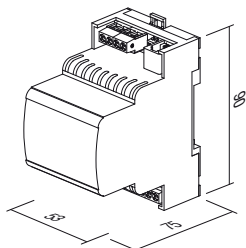
EM49

ŠTEDNA KONTROLNA JEDINICA 2x16A 250V~

- relejna jedinica za kartične sklopke EM44
- mrežni napon 230V~ 50Hz
- sukladno normi EN 61000-6-1
- montaža na DIN tračnicu 35 mm, 4MU
- ulaz i izlaz ovisno o primjeni: jednokrevetna ili dvokrevetna soba

ENERGY SAVER CONTROL UNIT 2x16A 250V~

- relay unit for card switches EM44
- supply voltage 230V~ 50Hz
- in accordance with EN 61000-6-1
- mounting on DIN rail 35mm, 3MU
- input and output depending on implementation: single or double room



EM45

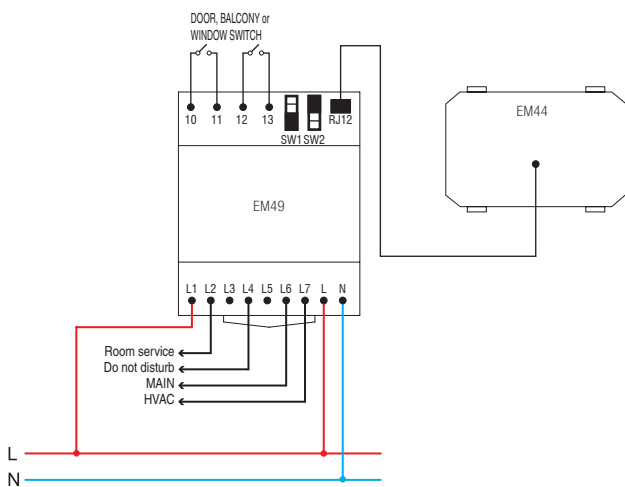
RAZDVAJAČ SPL-1

- koristi se za spajanje dva periferna modula EM44 s relejnom jedinicom EM49
- komunikacijski konektor RJ12
- veličina: 37 x 30 x 27 mm

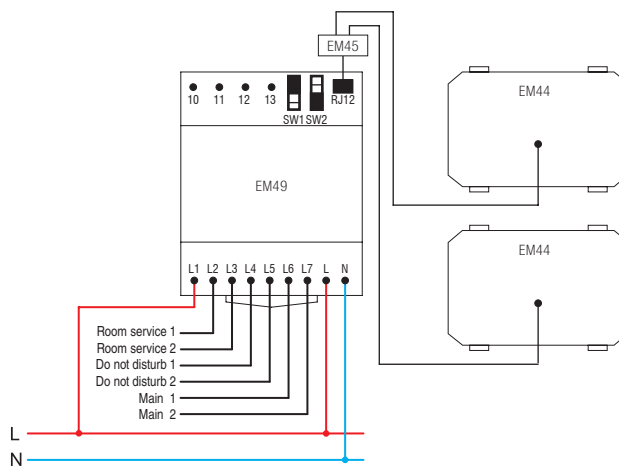
SPLITTER SPL-1

- used to connect two peripheral modules EM44 to relay unit EM49
- communication connector RJ12
- size: 37 x 30 x 27 mm

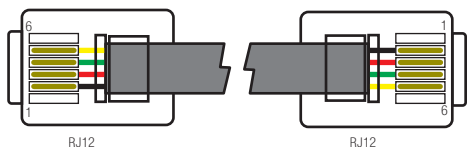
dijagram spajanja za primjenu u jednokrevetnoj sobi / wiring diagram for single room implementation



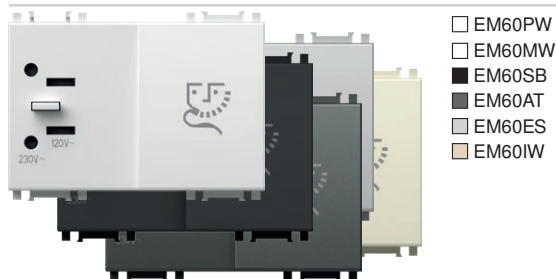
dijagram spajanja za primjenu u dvokrevetnoj sobi / wiring diagram for double room implementation



priključni kabel RJ12 između EM44 i EM49 / connection cable RJ12 between EM44 and EM49

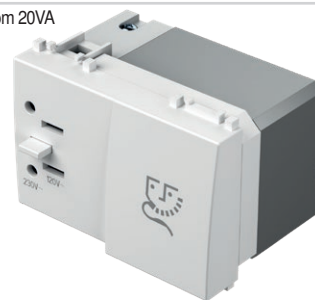


### UTIČNICA ZA BRIJAČI APARAT 230V~/120V~ 3M



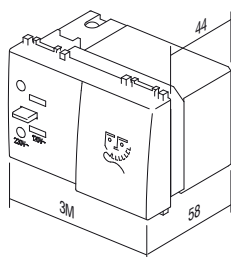
- EM60PW
- EM60MW
- EM60SB
- EM60AT
- EM60ES
- EM60IW

- utičnica za brijači aparat s izolacijskim transformatorom 20VA
- napajanje: 230V~ 50-60Hz
- izlaz: 230V~ za 2P 2,5A euro utikac ili 120V~ za 2P 15A američki utikac
- razred II
- sukladno normi EN 61558-2-5

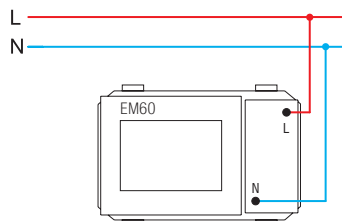


#### SOCKET SHAVER 230V~/120V~ 3M

- shaver supply unit with isolating transformer 20VA
- supply: 230V~ 50-60Hz
- output: 230V~ for 2P 2.5A Europlug or 120V~ for 2P 15A American plug
- Class II
- in accordance with EN 61558-2-5



3M = 67,5 x 45

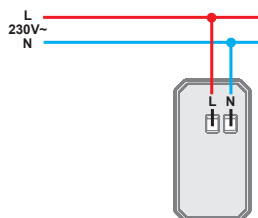
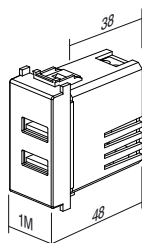


### JEDINICA NAPAJANJA 5V 2,4A 1M



- EM67PW
- EM67MW
- EM67SB
- EM67AT
- EM67ES
- EM67IW

- Za punjenje elektroničkih uređaja putem standardnog USB priključka (sukladno i s Apple uređajima)
- napajanje: 100 – 230 V~ 50/60 Hz
- potrošnja: 300 mA pri 100 V~/150 mA pri 230 V~
- potrošnja pri mirovanju: 30 mW pri 230 V~
- nazivni izlazni napon: 5 VDC (±5 %) SELV
- nihanje (ripple) izlaznog napona: 150 mV
- nazivna izlazna snaga: 2,4A (±10 %)
- učinkovitost: maks. 77 %
- radna temperatura: 0 °C/+ 45 °C (unutarnja uporaba)
- IP zaštitni razred: IP20, samo za unutarnju uporabu
- gurnosni razred uređaja II
- prenaponska kategorija (EN 62109): Klasa III
- vijčano pričvršćivanje vodica presjeka maks. 2,5 mm<sup>2</sup>
- uređaj s razmakom kontakta od najmanje 3 mm
- sukladno standardu EN 60950-1 te LVD i EMC direktivama



#### USB POWER SUPPLY UNIT 5V 2,4A 1M

- for charging of electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V~ 50/60Hz
- power consumption: 300mA at 100V~/150mA at 230V~
- standby power consumption: 30mW at 230V~
- nominal output voltage: 5 VCD (± 5%) SELV
- output ripple voltage: 150mV
- nominal output current: 2,4A (±10%)
- efficiency: maximum of 77%
- operating temperature: 0°C/+45°C (indoor use)
- IP protection class: IP20, indoor use only
- class device II
- overvoltage category (EN 62109): Class III
- screw contacts: max. 2.5 mm<sup>2</sup>
- device with a contact gap of at least 3mm
- in accordance with EN 60950-1 and LVD & EMC directives
- not suitable for installation in 45 mm deep boxes and surface mount boxes CUBO IP20

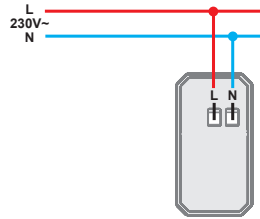
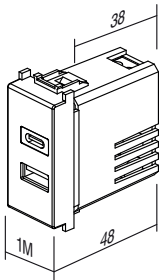


## USB PUNJAČ 5 V 3,0 A



- EM68PW
- EM68MW
- EM68SB
- EM68AT
- EM68ES
- EM68IW

- za punjenje elektroničkih uređaja preko standardnog USB priključka (sukladno i s Apple uređajima)
- napajanje: 100 – 230 V~ 50/60 Hz
- potrošnja energije: 300 mA pri 100 V~ / 150 mA pri 230 V~
- potrošnja pri mirovanju: 30 mW pri 230 V~
- nazivni izlazni napon: 5 VCD ( $\pm 5\%$ ) SELV
- nihanje (ripple) izlaznog napona: 150 mV
- nazivna izlazna snaga: 3,0 A ( $\pm 10\%$ )
- vrsta konektora: USB A / USB C
- učinkovitost: maks. 77%
- radna temperatura: 0 °C / +45 °C (unutrašnja uporaba)
- IP zaštitni razred: IP20, samo za unutrašnju uporabu
- sigurnosni razred uređaja II
- prenaponska kategorija (EN 62109): Klasa III
- vijčano pričvršćivanje vodiča presjeka maks. 2,5 mm<sup>2</sup>
- uređaj s razmakom kontakta od najmanje 3 mm
- sukladno standardu EN 60950-1 te LVD i EMC direktivama



## USB POWER SUPPLY UNIT 5V 3,0A

- for charging of electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V~ 50/60Hz
- power consumption: 300mA at 100V~/150mA at 230V~
- standby power consumption: 30mW at 230V~
- nominal output voltage: 5 VCD ( $\pm 5\%$ ) SELV
- output ripple voltage: 150mV
- nominal output current: 3,0 A ( $\pm 10\%$ )
- connector type: USB A / USB C
- efficiency: maximum of 77%
- operating temperature: 0°C/+45°C (indoor use)
- IP protection class: IP20, indoor use only
- class device II
- overvoltage category (EN 62109): Class III
- screw contacts: max. 2.5 mm<sup>2</sup>
- device with a contact gap of at least 3mm
- in accordance with EN 60950-1 and LVD & EMC directives
- not suitable for installation in 45 mm deep boxes and surface mount boxes CUBO IP20

## LED SVJETILKA ZA SLUČAJ NUŽDE 250V~ 0.9W, NiCd 3h 7M



- EM55

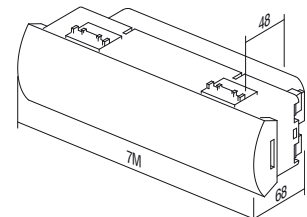
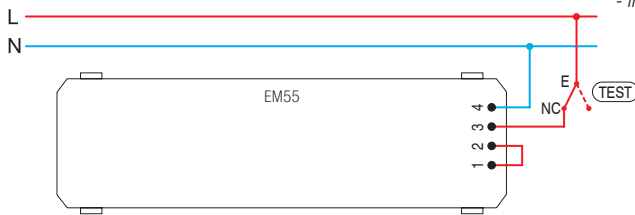
- LED svjetiljka za slučaj nužde
- mrežni napon 250V~ 50Hz 3xLED 0,3W LED, 10000mcd, 6500K
- NiCd akumulator 4,8V 400 mAh, zamjenjiv
- autonoman rad 3 h, punjenje 24 h
- razred II
- sukladno normama EN 60598-1, EN 60598-2-2, EN 60598-2-22



## LED EMERGENCY LIGHT 250V~ 0.90W, NiCd 3h 7M

- emergency LED lamp
- supply voltage 250V~ 50Hz 3x LED 0,3W, 10000mcd, 6500K
- NiCd accumulator 4,8V 400 mAh, replaceable
- autonomy 3h, charging 24h
- Class II
- in accordance with EN 60598-1, EN 60598-2-2, EN 60598-2-22

7M = 157 X 45



## LED SVJETILKA ZA SLUČAJ NUŽDE 230V~ 50 Hz 0,5W, NiMH 2h 2M

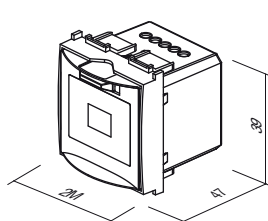
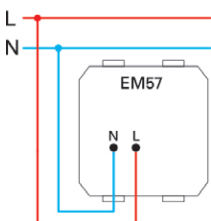
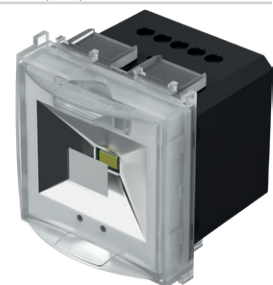


- EM57

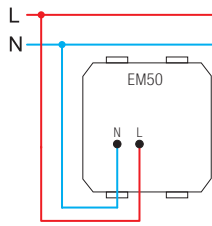
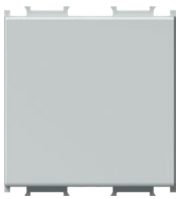
- LED svjetiljka za slučaj nužde
- može se upotrebljavati kao prijenosna ručna svjetiljka (mehanizam na izvlačenje)
- mrežni napon 230V~ 50Hz 1xLED 0,5W
- NiMH akumulator 3,6V 140 mAh, zamjenjiv
- autonoman rad 2 h, punjenje 36 h
- razred II
- sukladno normama EN 60598-1, EN60598-2-2, EN62471, EN55015:2006, EN61547

## LED EMERGENCY LIGHT 230V~50Hz, 0.5W, NiMH 2h 2M

- emergency LED lamp
- option to use it as a hand lamp (pull-out mechanism)
- supply voltage 230V~50Hz, 1xLED 0.5W
- NiMH accumulator 140mAh, replaceable
- autonomy 2h, charging 36h
- class device II
- in accordance EN60598-1, EN60598-2-2, EN62471, EN55015:2006, EN61547



AMBIJENTALNA LED SVJETILJKA JEDNOBOJNA 250V~ 0,8W 2M



- EM50WH
- EM50BL
- EM50RD
- EM50GR

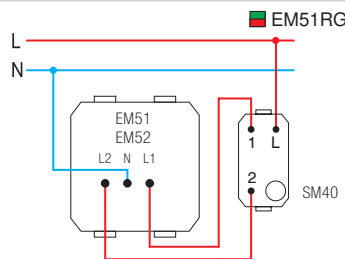
- LED svjetiljka za označavanje stepenica
- mrežni napon 230V~ 50Hz 0,8W, 6500K
- razred II
- sukladno normi EN 60598-1
- opcionalna uporaba za osvijetljavanje pravca ili signaliziranje s laserskom gravurom na difuzeru prema želji korisnika

LED AMBIENT UNIT MONOCOLOUR  
250V~ 0,8W 2M

- step marker LED unit
- supply voltage 230V~ 50Hz 0,8W, 6500K
- Class II
- in accordance with EN 60598-1
- optional usage for directional signalization with customized laser printing on diffuser



LED SVJETILJKA DVOBOJNA 250V~ 2x0,4W 2M



- EM51RG

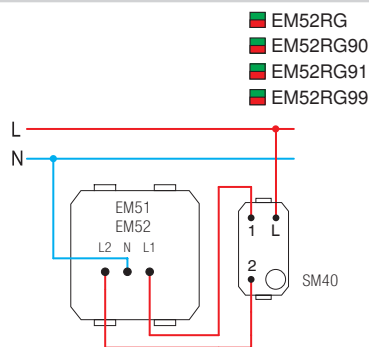
- LED svjetiljka s dvobojnom signalizacijom (crveno/zelenom)
- mrežni napon 230V~ 50Hz 2x0,4W, 6500K
- razred II
- sukladno normi EN 60598-1
- difuzer obuhvaća i grafiku prema prikazu
- moguć laserski otisak na difuzeru prema želji korisnika

LED LAMP DUAL COLOR 250V~ 2x0,4W 2M

- signaling dual color (red/green) LED lamp
- supply voltage 230V~ 50Hz 2x0,4W, 6500K
- Class II
- in accordance with EN 60598-1
- diffuser includes graphics as shown
- possible customized laser printing on diffuser



LED SVJETILJKA 3D DVOBOJNA 250V~ 2x0,4W 2M

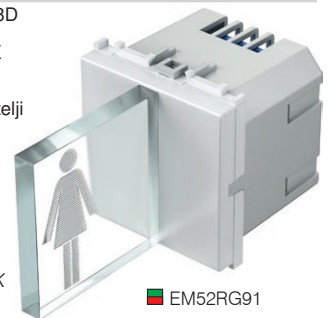


- EM52RG
- EM52RG90
- EM52RG91
- EM52RG99

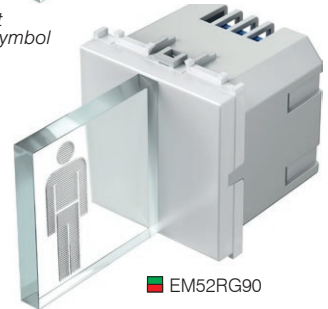
- LED dvobojna svjetiljka (crvena/zelena) s 3D simbolom, za označavanje
- mrežni napon 230V~ 50Hz 2x0,4W, 6500K
- razred II
- sukladno normi EN 60598-1
- mogućnost otiska prilagođenih grafika po želji
- 90 muških simbola, 91 ženski simbol, 99 simbola na zahtjev

LED LAMP 3D DUAL  
COLOR 250V~ 2x0,4W 2M

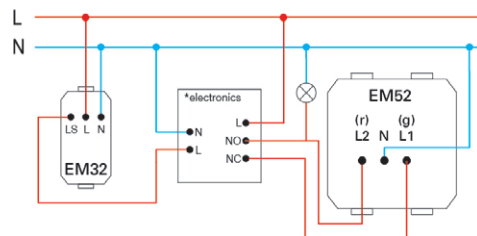
- signalling LED lamp, dual color (red/green) with 3D symbol
- supply voltage 230V~ 50Hz 2x0,4W, 6500K
- class II
- in accordance with EN 60598-1
- possible customized graphics on request
- 90 male symbol, 91 female symbol, 99 symbol on request



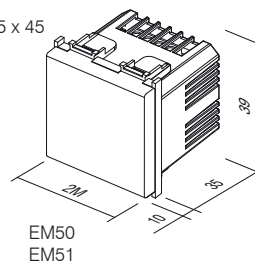
■ EM52RG91



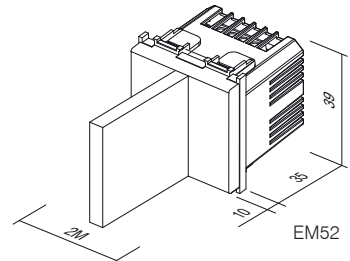
■ EM52RG90



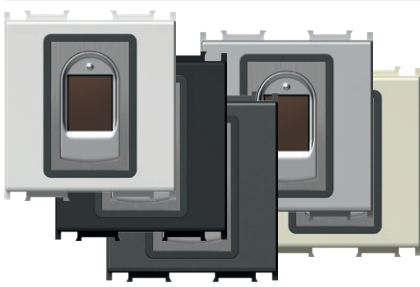
2M = 45 x 45



EM50  
EM51



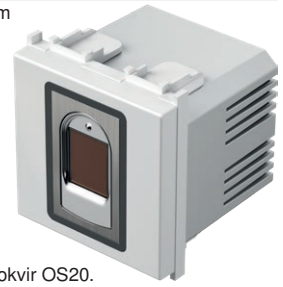
EM52



- EM71PW
- EM71MW
- EM71SB
- EM71AT
- EM71ES
- EM71IW

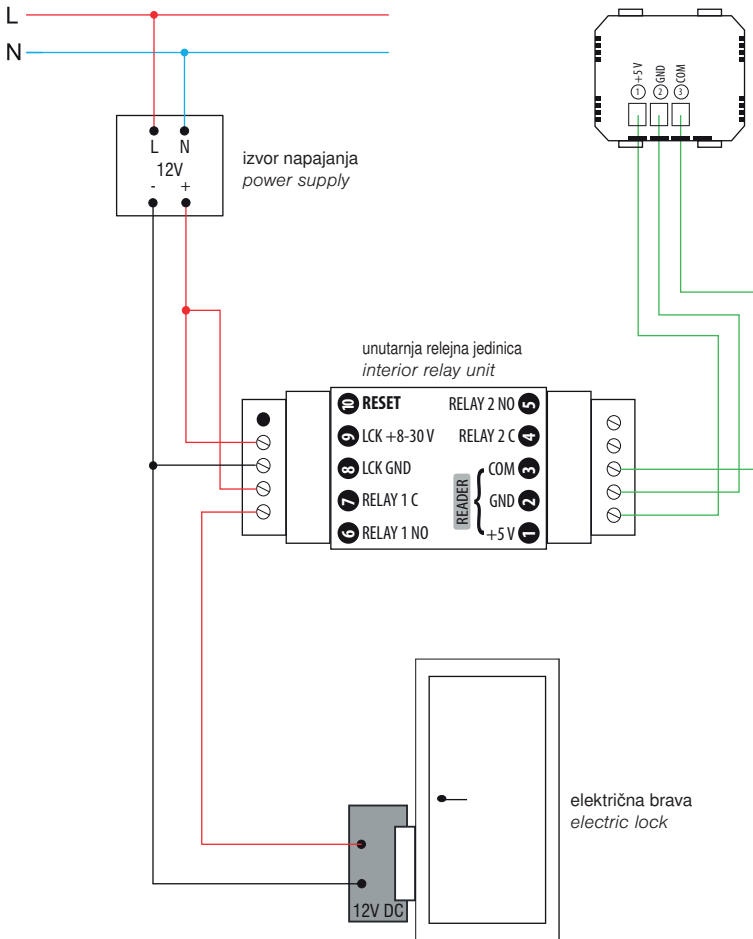
**PREKIDAČ NA OTISAK PRSTA BIOPASS 2M**

- prekidač na otisak prsta u kompletu s unutarnjom relejnom jedinicom i uređajem za napajanje
- kapacitet: 500 otisaka prsta
- jednostavno upravljanje s pomoću mobilne aplikacije X-Manager
- napon napajanja: 8 – 30 V – DC ili AC (uređaj za napajanje uključen)
- kapacitivni senzor
- 2 izlazna releja
- maksimalni napon/struja na releju: 40 V/3 A
- vrijeme pokretanja releja: 1 – 10 s
- maksimalna snaga: 3,6 W
- 256-bitna enkripcija veze između prekidača i unutarnje relejne jedinice
- Set također uključuje nosač NM24 i dekorativni okvir OS20.

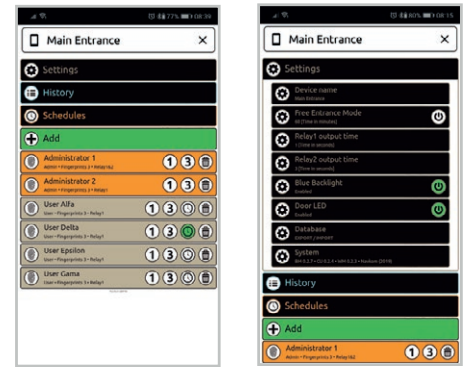


**FINGERPRINT SWITCH BIOPASS 2M**

- fingerprint switch with included internal relay unit and power supply
- capacity: 500 fingerprints
- easy management via X-Manager mobile app
- power supply voltage: 8-30V – DC or AC (power supply included)
- capacitive sensor
- 2 output relays
- maximum voltage/current on relay: 40V/3A
- relay triggering time: 1-10 sec
- maximum power: 3.6W
- 256-bit encrypted link between switch and internal relay unit
- Set also includes NM24 mounting frame and OS20 decorative cover plate.



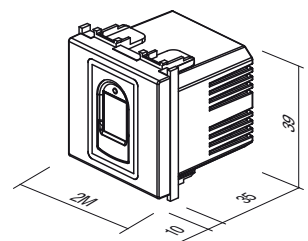
**X-Manager app**



support.tem.si



vanjska jedinica  
exterior unit

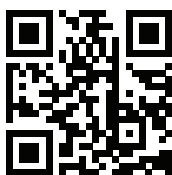
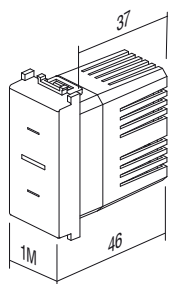


VIŠENAMJENSKI VREMENSKI RELEJ EM82



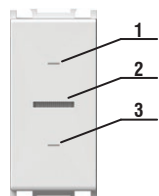
- EM82PW
- EM82MW
- EM82SB
- EM82AT
- EM82ES
- EM82IW

- Napon napajanja: 230 VAC, 50Hz
- Izlaz: Releј 16 A / 250 V AC, 50Hz
- Presjek žica: 0,75 – 4.0 mm<sup>2</sup>
- Temperatura rada: Od 0 do +40 °C
- Temperatura skladištenja: Od -5 do +60 °C
- Funkcije: **Tajmer, Releј (upravljačka sklopka), Sklopka, Tipkalo**
- Indikacija programa / stanja: RGB LED
- Broј tipki: 2
- Vrsta rada tipke: Kapacitivan
- Broј priključaka: 6– 2x N, 2x L, 1x Izlaz (L'), 1x Upravljački ulaz (S)
- Mogućnost upravljačkog ulaza: Da. Priključenje signala mrežnog napona (230 VAC) na spojnicu S.
- Implementirani rad nultog presjeka (zero crossing - prebacivanje sklopke pri prijelazu napona kroz 0 V)
- Potrošnja u stanju OFF / ON: 0.3 W / 1.0 W
- Sklopka EM82 NIJE PRIKLADNA za ugradnju u podžbukne kutije dubine od 45 mm i kućišta CUBO IP20.
- Sklopka je namijenjena za uporabu u unutarnjim prostorijama zaštićenim od utjecaja vlage.

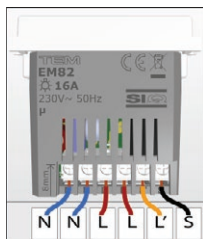


MULTIPURPOSE TIMER SWITCH EM82

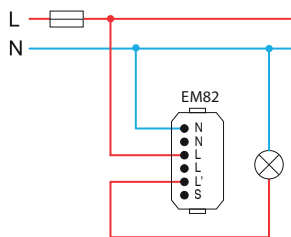
- Supply voltage: 230 VAC, 50Hz
- Output: Rele 16 A / 250 V AC, 50Hz
- Wire cross section: 0,75 – 4.0 mm<sup>2</sup>
- Operating temperature: 0 to + 40 °C
- Storage temperature: -5 to + 60 °C
- Functions: **Timer, Relay (controlled switch), Switch, Push button**
- Program/status indication: RGB LED
- Number of buttons: 2
- Push button operation type: Capacitive
- Number of ports: 6 - 2x N, 2x L, 1x Output (L'), 1x Controlled input (S)
- Controlled input option: Yes. Connection of the main voltage signal (230 VAC) to terminal S.
- Implemented "zero crossing" operation (switching the switch when the voltage passes through 0 V)
- Power consumption in the OFF / ON state: 0.3 W / 1.0 W
- The EM82 switch is NOT SUITABLE for installation in concealed boxes with a depth of 45 mm and CUBO IP20 housing.
- The switch is intended for indoor use, protected from moisture.



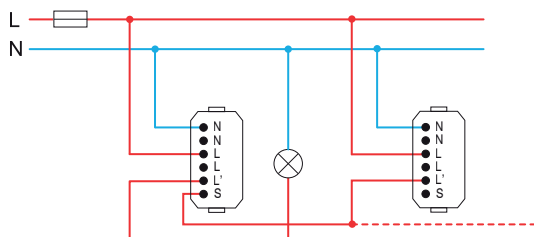
- 1 - TIPKA 1
- 2 - LED INDIKATOR
- 3 - TIPKA 2



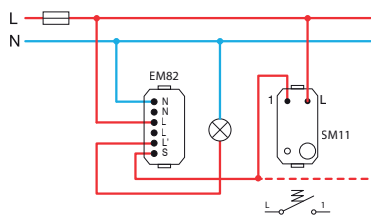
- N NEUTRALNI VODIČ
- L FAZNI VODIČ
- L' IZLAZ (UPRAVLJAČKA FAZA)
- S ULAZNI UPRAVLJAČKI SIGNAL (230 VAC)



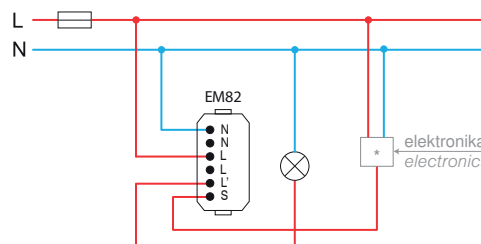
EM82 IS IN A SWITCH OR A TIMER MODE



EM82-1 IS IN A SWITCH OR A TIMER MODE  
EM82-2 IS IN A PUSH BUTTON MODE



EM82 IS IN A SWITCH OR A TIMER MODE



EM82 IS IN A RELAY MODE

	1	2	3	4	5	6	7	8
Max.	16 A	16 A	16 A	8 A	8 A5	A cos fi=0.6	200 VA	200 VA

1 - incandescent lamp  
2 - halogen lamp

3 - resistive heating element  
4 - electronic transformer

5 - classical transformer  
6 - motor

7 - energy saving CFL lamp  
8 - LED lamp

OPERATION OF THE CONTROL SIGNAL S – MODE 1

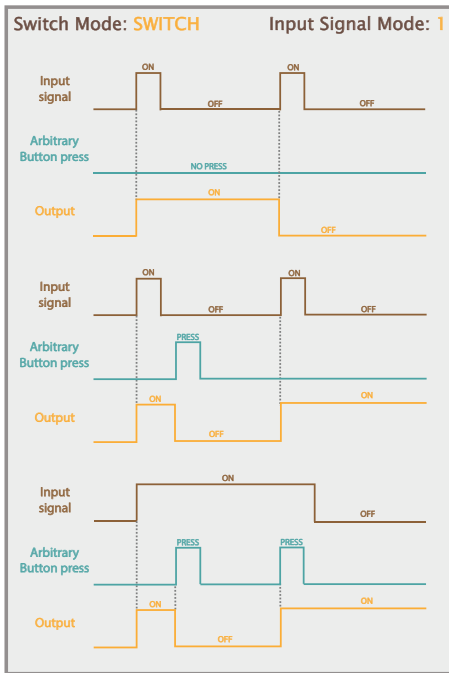


FIGURE 6: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE SWITCH OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

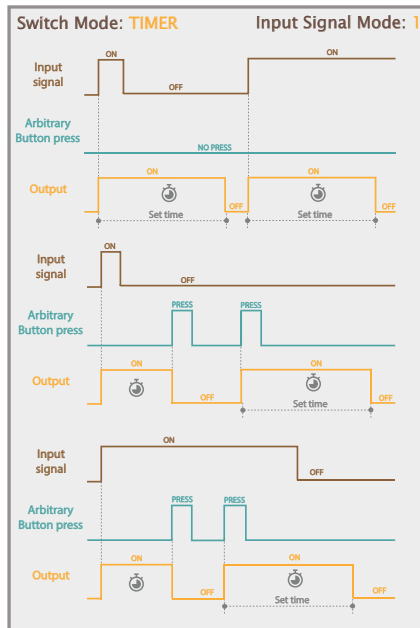


FIGURE 7: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE TIMER OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

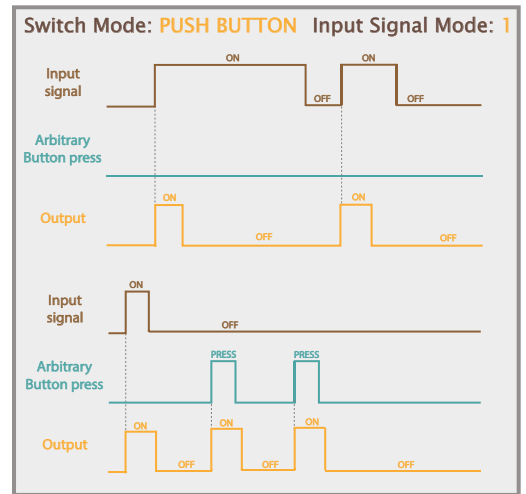


FIGURE 8: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE PUSH BUTTON OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

OPERATION OF THE CONTROL SIGNAL S – MODE 2

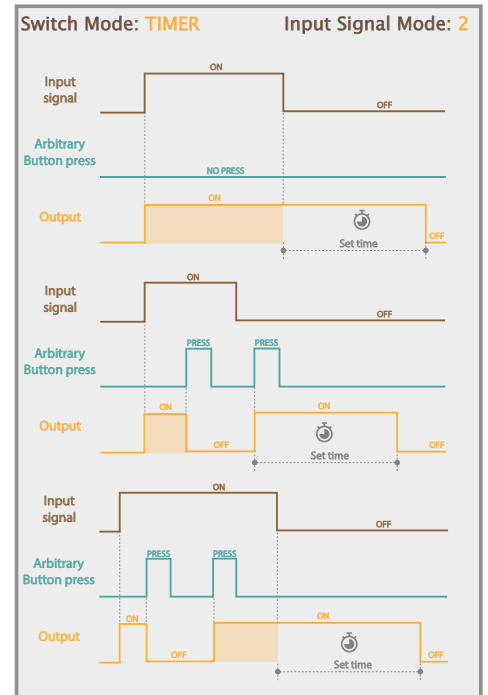


FIGURE 10: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE TIMER OPERATING MODE AND EXTERNAL SIGNAL IN MODE 2

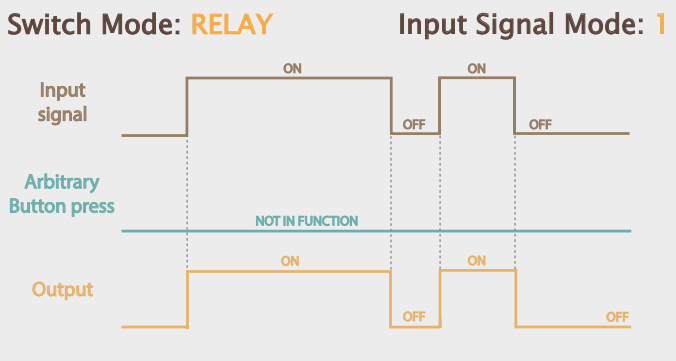


FIGURE 9: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE RELAY OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

OPERATING MODE SETTINGS OF THE EXTERNAL CONTROL SIGNAL S

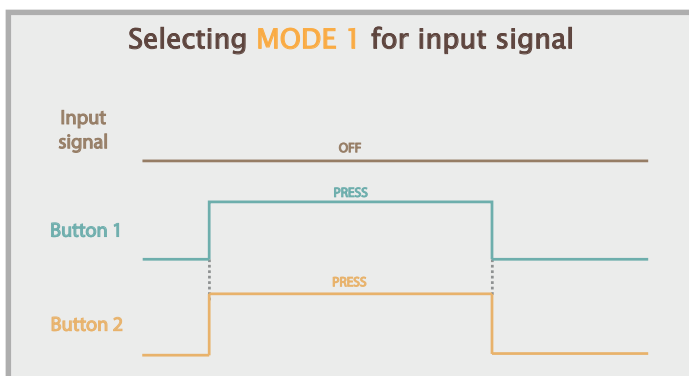


FIGURE 11: SETTING THE OPERATING MODE OF THE INPUT SIGNAL S FOR MODE 1

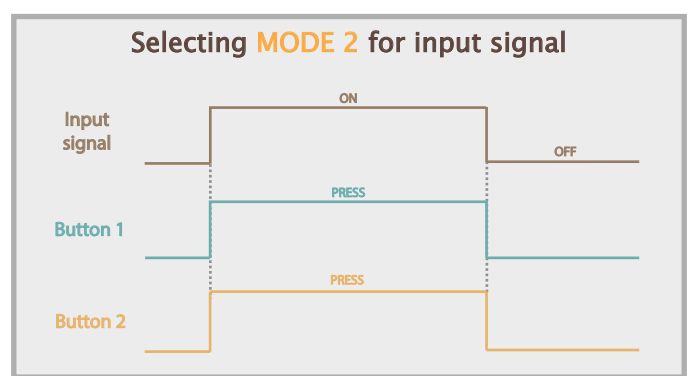


FIGURE 12: SETTING THE OPERATING MODE OF THE INPUT SIGNAL S FOR MODE 2

SKLOPKA, BESKONTAKTNA 10A 240V~



■ EM80GW

- beskontaktna sklopka za uključivanje i isključivanje („glavna“)
- napajanje: 240 V~ 50 Hz
- izlazni relej 10A / 250V~ (2400W pri 240V~)
- prilagodljivi raspon od 2 do 10 cm
- namijenjeno za ugradnju u standardnu okruglu kutiju Ø60 mm
- neutralan kabel (N) je potreban za spajanje
- nije moguće kombiniranje izmjeničnom sklopkom
- moguće je povezivanje s do 5 EM81 upravljačkih sklopki
- jednostavna ugradnja dekorativnih poklopaca uz pomoć magneta
- vijčano pričvršćivanje kabela do 2.5 mm<sup>2</sup> (maks. vijčani moment zatezanja 0.4 Nm)
- sukladno normama EN 60669-1 i EN 60669-2-1
- samo za unutrašnju uporabu



SWITCH, TOUCHLESS 10A 240V~

- touchless switch for turning on/off (“master”)
- power supply: 240 V~ 50 Hz
- output relay 10A / 250V~ (2400W at 240V~)
- adjustable range from 2 to 10 cm
- intended for installation into a standard round Ø60 mm box
- a neutral lead (N) is required for connection
- connection with toggle switches is not possible
- connection with up to 5 EM81 control switches is possible
- simple installation of decorative covers with the help of magnets
- screw fastening of leads up to 2.5 mm<sup>2</sup> (max. screw tightening torque is 0.4 Nm)
- in accordance with EN 60669-1 and EN 60669-2-1
- only for indoor use

SKLOPKA, BESKONTAKTNA, UPRAVLJAČKA JEDINICA



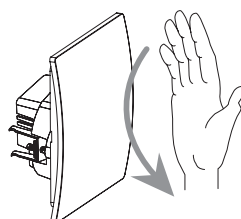
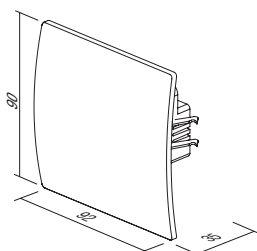
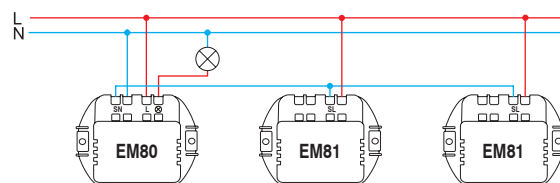
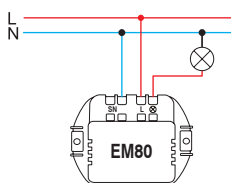
■ EM81GW

- upravljačka sklopka (“slave”)
- radi samo kad je spojena sa sklopkom EM80 („glavna“)
- prilagodljivi raspon od 2 do 10 cm
- jednostavna ugradnja dekorativnih poklopaca uz pomoć magneta
- vijčano pričvršćivanje kabela do 2.5 mm<sup>2</sup> (maks. vijčani moment zatezanja 0.4 Nm)
- sukladno normama EN 60669-1 i EN 60669-2-1
- samo za unutrašnju uporabu

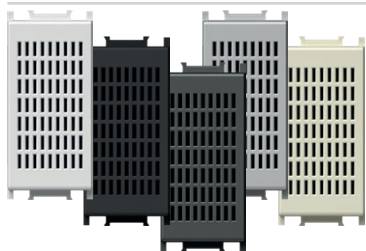


SWITCH, TOUCHLESS, CONTROL UNIT

- control switch (“slave”)
- works only when connected with the EM80 switch (“master”)
- adjustable range from 2 to 10 cm
- simple installation of decorative covers with the help of magnets
- screw fastening of leads up to 2.5 mm<sup>2</sup> (max. screw tightening torque is 0.4 Nm)
- in accordance with EN 60669-1 and EN 60669-2-1
- only for indoor use



ZVONO 8VA 230V~ 1M



- EM90PW
- EM90MW
- EM90SB
- EM90AT
- EM90ES
- EM90IW

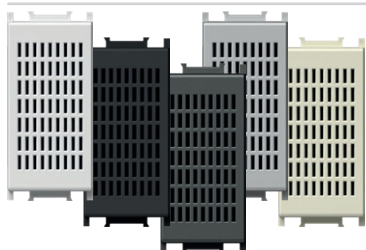
- signalno zvono  
 - emisija zvuka traje vremenski jednako kao i postupak posluživanja  
 - mrežni napon 230V~ 50Hz 8VA

*BUZZER 8VA 230V~1M*

- signal buzzer  
 - the sound emission has the same lasting time as the control operation  
 - supply voltage 230V~ 50Hz 8VA



ZVONO 8VA 12V~ 1M



- EM91PW
- EM91MW
- EM91SB
- EM91AT
- EM91ES
- EM91IW

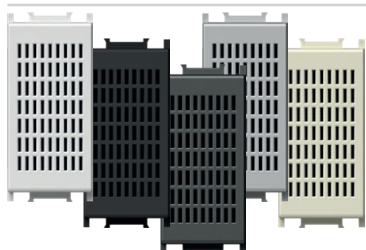
- signalno zvono  
 - emisija zvuka traje vremenski jednako kao i postupak posluživanja  
 - mrežni napon 12V~ 50Hz 8VA

*BUZZER 8VA 12V~1M*

- signal buzzer  
 - the sound emission has the same lasting time as the control operation  
 - supply voltage 12V~ 50Hz 8VA



ZVONO 8VA 230V~ 1M



- EM92PW
- EM92MW
- EM92SB
- EM92AT
- EM92ES
- EM92IW

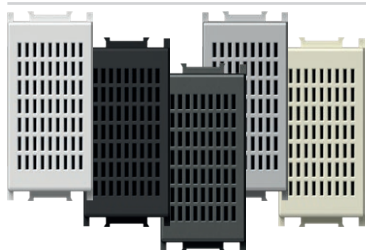
- signalno zvono  
 - emisija zvuka traje vremenski jednako kao i postupak posluživanja  
 - mrežni napon 230V~ 50Hz 8VA

*BELL 8VA 230V~1M*

- signal bell  
 - the sound emission has the same lasting time as the control operation  
 - supply voltage 230V~ 50Hz 8VA



ZVONO 8VA 12V~ 1M

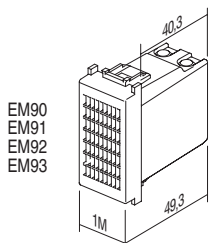


- EM93PW
- EM93MW
- EM93SB
- EM93AT
- EM93ES
- EM93IW

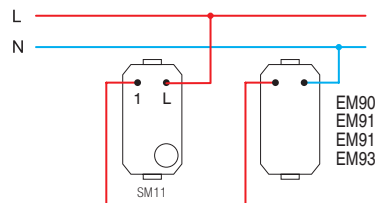
- signalno zvono  
 - emisija zvuka traje vremenski jednako kao i postupak posluživanja  
 - mrežni napon 12V~ 50Hz 8VA

*BELL 8VA 12V~1M*

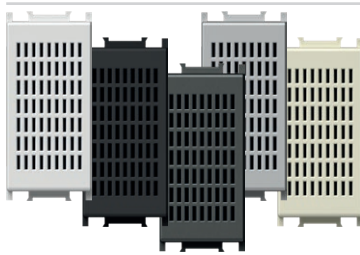
- signal bell  
 - the sound emission has the same lasting time as the control operation  
 - supply voltage 12V~ 50Hz 8VA



EM90  
 EM91  
 EM92  
 EM93

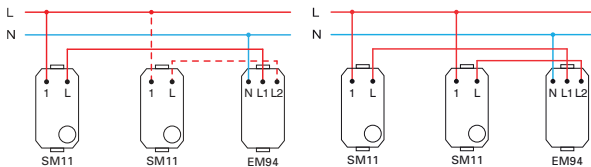
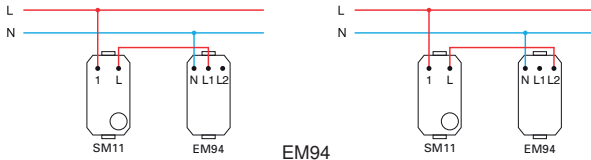


ELEKTRONSKO ZVONO 230V~ 6mA rms 1M



- EM94PW
- EM94MW
- EM94SB
- EM94AT
- EM94ES
- EM94IW

- napajanje 230 V~ 50/60 Hz
- potrošnja kod melodije 1: 4,7 mA rms
- potrošnja kod melodije 2: 5,9 mA rms
- razina zvuka melodije 1: 90,5 dB
- razina zvuka melodije 2: 86 dB
- radna temperatura: 0 °C / 45 °C (unutarnja uporaba)
- temperatura skladištenja: -20 °C / 50 °C
- IP zaštitni razred:
- IP20 (samo za unutarnju uporabu)
- sigurnosni razred uređaja II
- prenaponska zaštita (EN 62109): klasa III
- vijčano pričvršćivanje vodiča maks. 2,5 mm<sup>2</sup>
- uređaj s razmakom kontakata min. 3 mm
- zvonu mora biti zaštićeno odgovarajućim vanjskim osiguračem
- usklađeno s direktivama EMC i LVD



ELECTRONIC BELL 230V~ 6mA rms 1M

- power supply 230 V~ 50/60 Hz
- power consumption when playing melody 1: 4.7 mA rms
- power consumption when playing melody 2: 5.9 mA rms
- sound level of melody 1: 90.5 dB
- sound level of melody 2: 86 dB
- operating temperature 0°C/45°C (indoor use)
- storage temperature: -20°C/50°C
- IP protection class: IP20 (indoor use only)
- class device II
- overvoltage category (EN62109): Class III
- screw contacts: max. 2.5 mm<sup>2</sup>
- device with a contact gap of at least 3 mm
- an easily accessible cut-off switch must be installed upstream from bell
- complies with EMC & LVD directives

REGULATOR GLASNOĆE ZA 100V AUDIO LINIJU 35W 2M



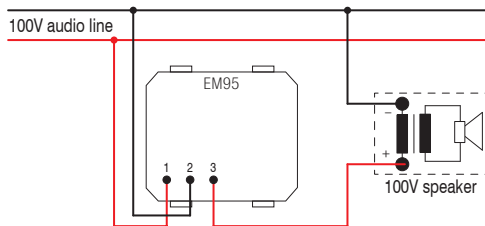
- EM95PW
- EM95MW
- EM95SB
- EM95AT
- EM95ES
- EM95IW

- regulator glasnoće (atenuator) za 100V audio sustave
- nazivna snaga 35W (maks.45W), 6 razina glasnoće
- prikladan za ugradnju u kutije najmanje 60 mm dubine
- nije prikladan za ugradnju u kutije dubine 45 mm te podžbuknu ugradnju u kutije CUBO IP20
- samo za unutrašnju uporabu

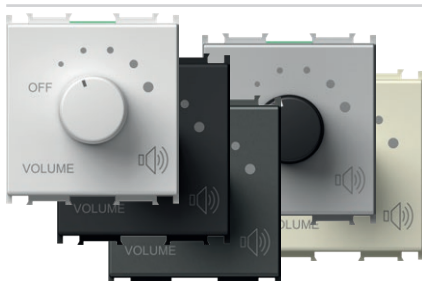


VOLUME CONTROL 100V AUDIO LINE 35W 2M

- volume control (attenuator) for 100V audio systems
- power rating 35W (max.45W), 6 steps volume control
- suitable for boxes min. 60 mm deep
- not suitable for installation in 45 mm deep boxes and surface mount boxes CUBO IP20
- for indoor use only



REGULATOR GLASNOĆE 4-8 Ω 35W 2M



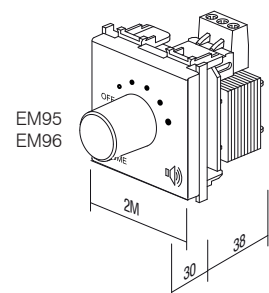
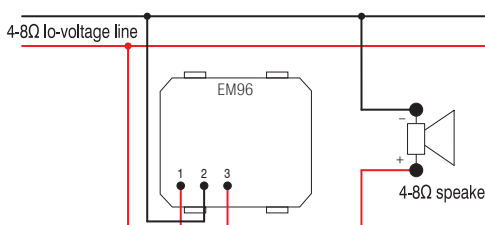
- EM96PW
- EM96MW
- EM96SB
- EM96AT
- EM96ES
- EM96IW

- regulator glasnoće za niskonaponske izlaze 4-8 Ω, 35W
- nazivna snaga 35W, 6 razina glasnoće
- prikladan za ugradnju u kutije najmanje 60 mm dubine
- nije prikladan za ugradnju u kutije dubine 45 mm te podžbuknu ugradnju u kutije CUBO IP20
- samo za unutrašnju uporabu

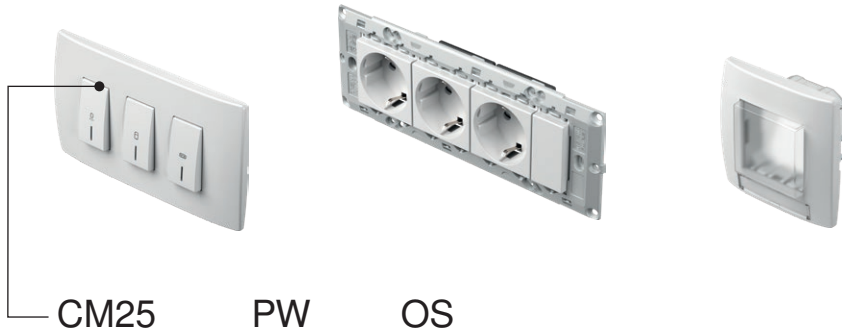


VOLUME CONTROL 4-8 Ω 35W 2M

- volume control (attenuator) for low voltage outputs 4-8 Ω, 35W
- power rating 35W, 6 steps volume control
- suitable for boxes min. 60 mm deep
- not suitable for installation in 45 mm deep boxes and surface mount boxes CUBO IP20
- for indoor use only

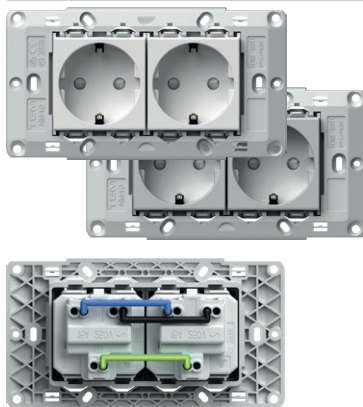






tip type	naziv description	tehnički podaci technical data	veličina size	boja colour	opcijski podaci 1 optional data 1
CM10	SET UTIČNICA 2X ŠUKO SOCKET SET 2x SCHUKO	2P+E 16A 250V~	4M	<input type="checkbox"/> PW bijela sjajna polar white	<input type="checkbox"/> OL okvir LINE cover plate LINE
CM11	SET UTIČNICA 3X ŠUKO SOCKET SET 3x SCHUKO	2P+E 16A 250V~	7M	<input type="checkbox"/> MW bijela mat matte white	<input type="checkbox"/> OS okvir SOFT cover plate SOFT
CM15	SET SPOJNIH VODOVA LINK WIRE SET	3x1.5mm <sup>2</sup>	1M	<input checked="" type="checkbox"/> SB crna mat soft touch black	
·	·	·	·	<input checked="" type="checkbox"/> AT antracit anthracite	
·	·	·	·	<input type="checkbox"/> ES srebrna mat elox silver	
·	·	·	·	<input type="checkbox"/> IW bež sjajna ivory white	

#### SET UTIČNICA 2x ŠUKO 2P+E 16A 250V~ 4M

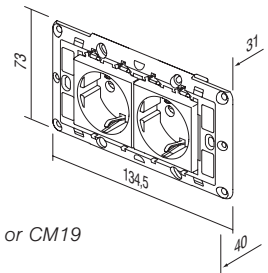


- CM10PW
- CM10ES

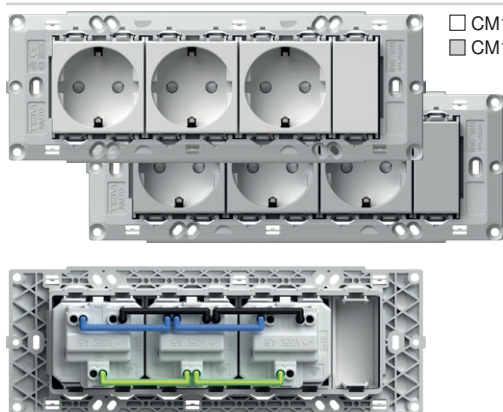
- set utičnica 2x šuko VM10 2P+E 16A 250V~
- utičnice povezane spojnim vodovima CM16
- s nosačem 4M bez vijaka
- za pričvršćivanje nosača vijci CM17, CM18 ili CM19
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- sukladno normi IEC 60884-1, CEE7

#### SOCKETS SET 2x SCHUKO 2P+E 16A 250V~ 4M

- socket set 2x schuko VM10 2P+E 16A 250V~
- prewired with link wires CM16
- with mounting frame 4M without screws
- for mounting frame fixing use screws CM17, CM18 or CM19
- screw contacts 1.5-2.5 mm<sup>2</sup>
- in accordance with IEC-60884-1, CEE7



#### SET UTIČNICA 3x ŠUKO 2P+E 16A 250V~ 7M

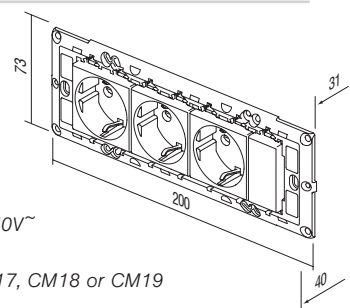


- CM11PW
- CM11ES

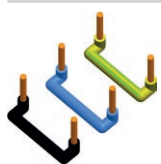
- set utičnica 3x šuko VM10 2P+E 16A 250V~
- utičnice povezane spojnim vodovima CM16
- s nosačem 7M bez vijaka
- za pričvršćivanje nosača vijci CM17, CM18 ili CM19
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- sukladno normi IEC 60884-1, CEE7

#### SOCKETS SET 3x SCHUKO 2P+E 16A 250V~ 7M

- socket set 3x schuko VM10 2P+E 16A 250V~
- prewired with link wires CM16
- with mounting frame 7M without screws
- for mounting frame fixing use screws CM17, CM18 or CM19
- screw contacts 1.5-2.5 mm<sup>2</sup>
- in accordance with IEC-60884-1, CEE7



### SET SPOJNIH VODOVA 3x1,5mm<sup>2</sup> 1M

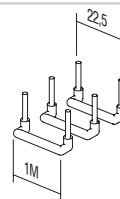


CM15

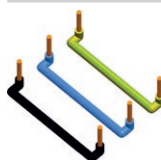
- set spojnih vodova za povezivanje dvaju elemenata veličine 1M
- sadrži 10 crnih, 10 plavih i 10 žuto-zelenih spojnih vodova

#### LINK WIRE SET 3x1.5mm<sup>2</sup> 1M

- link wire set to connect two elements size 1M
- includes 10 black, 10 blue and 10 yellow/green wires



### SET SPOJNIH VODOVA 3x2,5mm<sup>2</sup> 1M

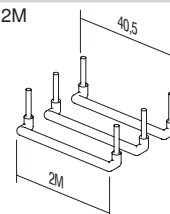


CM16

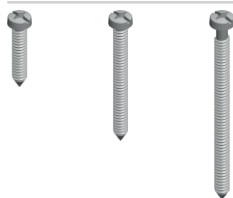
- set spojnih vodova za povezivanje dvaju elemenata veličine 2M
- sadrži 10 crnih, 10 plavih i 10 žuto-zelenih spojnih vodova

#### LINK WIRE SET 3x2.5mm<sup>2</sup> 2M

- link wire set to connect two elements size 2M
- includes 10 black, 10 blue and 10 yellow/green wires



### SET VIJAKA 3,5

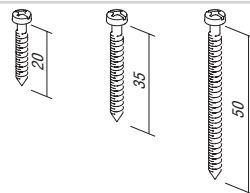


CM17  
CM18  
CM19

- set vijaka za pričvršćivanje nosača NM30, NM32, NM40, NM41, NM70
- CM17 - l=20 mm, 100 kom.
- CM18 - l=35 mm, 50 kom.
- CM19 - l=50 mm, 50 kom.

#### SCREW SET 3,5

- screw set for fixing mounting frames NM30, NM32, NM40, NM41, NM70
- CM17 - l=20mm, 100pcs
- CM18 - l=35mm, 50pcs
- CM19 - l=50mm, 50pcs



### SET ZA SKLOPKE IP44 2M



- CM22PW
- CM22MW
- CM22SB
- CM22AT
- CM22ES
- CM22IW

- za ugradnju u vlažne prostore
- IP44 zaštita za sve Modul sklopke
- sklopke i tipke nisu sastavni dio seta
- okvir SOFT 2M s natpisnom pločicom
- sukladno normi IEC 60669-1

#### SET SWITCHES IP44 2M

- for usage in humid areas
- IP44 protection provides for all Modul switches
- switches and buttons are not part of the set
- SOFT 2M cover plate with inscription plate
- in accordance with IEC 60669-1



### SET ZA UTIČNICU IP44 2M



- CM23PW
- CM23MW
- CM23SB
- CM23AT
- CM23ES
- CM23IW

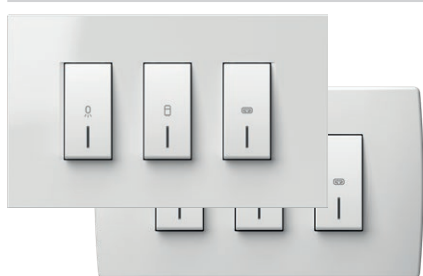
- za ugradnju u vlažne prostore
- pruža IP44 zaštitu u kombinaciji s pokrivenom utičnicom (VM11, VM41)
- utičnice nisu sastavni dio seta
- okvir SOFT 2M s natpisnom pločicom
- sukladno normi IEC 60884-1

#### SET SOCKETS IP44 2M

- for usage in humid areas
- IP44 protection can be achieved only in combination with covered socket (VM11, VM41)
- sockets are not part of the set
- SOFT 2M cover plate with inscription plate
- in accordance with IEC 60884-1



### KUPAONSKI SET 3x20A 250V~ 4M

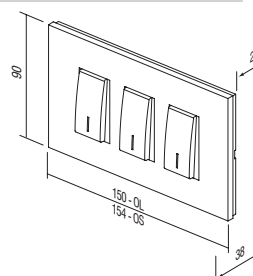


- CM25PWOL
- CM25IWOL
- CM25PWOS
- CM25IWOS

- set sklopki 3xSM12 20A 250V~ s nosačem i okvirom
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- sukladno normi EN 60669-1
- univerzalno rješenje za pričvršćivanje na već ugrađene kutije s razmakom pričvršćivanja od 108 do 135 mm ili na kutije veličine 4M
- visina okvira 90 mm

#### SWITCH SET FOR BATHROOM 3x20A 250V~ 4M

- switch set 3xSM12 20A 250V~ with mounting frame and cover plate
- screw contacts 1.5-2.5mm<sup>2</sup>
- in accordance with EN 60669-1
- universal solution for renovation on boxes with fixing dimensions 108-135mm or boxes 4M size
- cover plate height 90mm



**NOSAČI ZA KUPAONSKI SET 4M**

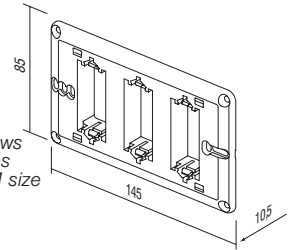


NM41

- univerzalni nosač za kupaonski set s vijcima
- univerzalno rješenje za pričvršćivanje na pravokutne kutije s razmakom pričvršćivanja od 108 do 135 mm ili na kutije veličine 4M
- sukladno normi EN 60669-1

**MOUNTING FRAME BATHROOM SET 4M**

- universal mounting frame for bathroom set with screws
- universal solution for mounting on rectangular boxes with fixing dimensions 108-135mm or boxes 4M size
- in accordance with EN 60669-1



**OKVIRI LINE ZA KUPAONSKI SET**

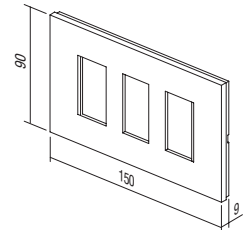


- |  |        |
|--|--------|
|  | OL41PW |
|  | OL41MW |
|  | OL41NB |
|  | OL41IW |
|  | OL41ES |
|  | OL41SG |
|  | OL41IB |
|  | OL41AT |
|  | OL41TI |
|  | OL41SB |

- dekorativni okvir LINE za kupaonski set
- visina 90 mm
- sukladno normi EN 60669-1

**COVER PLATE LINE BATHROOM SET**

- decorative cover plate bathroom set LINE
- height 90mm
- in accordance with EN 60669-1



**OKVIRI SOFT ZA KUPAONSKI SET**

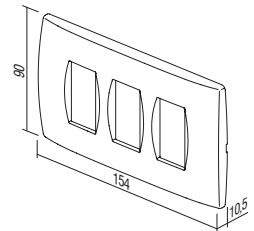


- |  |        |  |        |
|--|--------|--|--------|
|  | OS41PW |  | OS41SB |
|  | OS41MW |  | OS41WE |
|  | OS41NB |  | OS41AT |
|  | OS41IW |  | OS41TI |
|  | OS41ES |  |        |
|  | OS41SG |  |        |

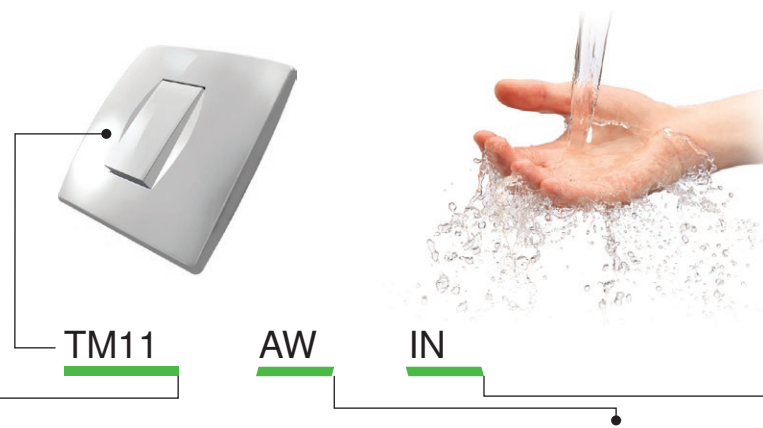
- dekorativni okvir SOFT za kupaonski set
- visina 90 mm
- sukladno normi EN 60669-1



**COVER PLATE SOFT BATHROOM SET**

- decorative cover plate bathroom set SOFT
- height 90mm
- in accordance with EN 60669-1



# ANTIBAKTERIJSKI PROGRAM MODUL



tip type	naziv description	veličina size	boja colour	opcijski podaci 1 optional data 1
TM11	TIPKA BUTTON	1M	<input type="checkbox"/> AW antibakterijska bijela antibacterial white	 NT neutralna neutral
TM21	SLIJEPI ELEMENT BLANK	1M		
VM10	UTIČNICA SOCKET	2M		 IN indikator indicator
.	.	.		
.	.	.		

## ANTIBAKTERIJSKI PROGRAM MODUL

- brojne osobe svakodnevno dotiču sklopke i utičnice koje su stoga mjesta razvoja i širenja bakterija
- zahvaljujući prirodnim antibakterijskim svojstvima, srebro se tri tisuće godina koristi kao sigurno dezinfekcijsko sredstvo, jer je potpuno prirodan i neškodljiv materijal te ne zagađuje okoliš
- posebni antibakterijski ioni srebra pružaju dugotrajnu, pouzdanu i učinkovitu zaštitu od razvoja i širenja bakterija, mikroba i gljivica
- antibakterijska zaštita osigurava kvalitetnu higijenu, čistoću i zdravlje ljudima
- savršeno prikladan za korištenje u okruženjima koja zahtijevaju stroge higijenske uvjete (bolnice, zdravstveni centri, farmaceutska postrojenja, domovi za starije i nemoćne, domovi umirovljenika, laboratoriji, restorani, hoteli, zračne luke, autobuse i željezničke postaje, poslovni i trgovački prostori, javne institucije...)
- neovisni laboratoriji obavili su testiranja sukladno najvišim japanskim standardima JIS Z 2801
- niski troškovi osiguravanja ljudskog zdravlja
- dizajn i funkcionalnost antibakterijskog programa MODUL omogućava jednostavno čišćenje i održavanje
- antibakterijske tipke, okviri i utičnice kombinirani su sa standardnim ugradbenim okvirima i sklopkama
- proizvodi su označeni sa stražnje strane kao AB (antibakterijska bijela)

## ANTIBACTERIAL PROGRAM MODUL

- switches and sockets are daily touched by many people, so this is a common place for development and spread of bacteria
- thanks to its natural antibacterial characteristics silver has been used for three millennia as a safe and effective disinfectant, since it is completely natural, healthy and environmentally friendly
- special antibacterial silver ions additive provides long-term, reliable and effective protection against the development and spread of bacteria, microbes and fungi
- antibacterial protection ensures hygiene, cleanliness and health for people
- perfectly suitable for use in environments with strict hygiene conditions (hospitals, health centers, pharmaceutical facilities, homes for elderly, nursing homes, laboratories, restaurants, hotels, airports, bus and railway stations, business and shopping areas, public institutions ...)
- independent laboratory testings have been carried out in accordance with highest Japanese standards JIS Z 2801
- low cost for providing human health
- design and functionality of antibacterial program MODUL allow easy cleaning and maintenance
- antibacterial buttons, cover plates and sockets are combined with classic mounting frames and switches
- products are labelled on the back with AW (antibacterial white)

# ANTIBACTERIAL PROGRAM MODUL

	□ TM11AW	<b>TIPKA 1M</b> - zamjenjiva tipka 1M - sukladno normi EN 60669-1 - antibakterijska zaštita usklađena s JIS Z 2801	
	□ TM11AWIN	<b>TIPKA 1M INDIKATOR</b> - zamjenjiva tipka 1M - sukladno normi EN 60669-1 - antibakterijska zaštita usklađena s JIS Z 2801	
	□ TM12AW	<b>TIPKA 2M</b> - zamjenjiva tipka 2M s nosačem tipke - upotrebljava se pri nadogradnji sklopke ili tipkala od veličine 1M na veličinu 2M - sukladno normi EN 60669-1 - antibakterijska zaštita usklađena s JIS Z 2801	
	□ TM12AWIN	<b>TIPKA 2M INDIKATOR</b> - zamjenjiva tipka 2M s nosačem tipke - upotrebljava se pri nadogradnji sklopke ili tipkala od veličine 1M na veličinu 2M - sukladno normi EN 60669-1 - antibakterijska zaštita usklađena s JIS Z 2801	
	□ TM21AW	<b>SLIJEPI ELEMENT 1M</b> - slijepi element za popunjavanje praznog mjesta - sukladno normi EN 60669-1 - antibakterijska zaštita usklađena s JIS Z 2801	
	□ TM22AW	<b>SLIJEPI ELEMENT 2M</b> - slijepi element za popunjavanje praznog mjesta - sukladno normi EN 60669-1 - antibakterijska zaštita usklađena s JIS Z 2801	

## BUTTON 1M

- replaceable button 1M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801

## BUTTON 1M INDICATOR

- replaceable button 1M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801

## BUTTON 2M

- replaceable button 2M with button carrier
- to upgrade switch or push button from size 1M to size 2M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801

## BUTTON 2M INDICATOR

- replaceable button 2M with button carrier
- to upgrade switch or push button from size 1M to size 2M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801

## BLANK 1M

- blank modul to fill up empty spaces
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801

## BLANK 2M

- blank modul to fill up empty spaces
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801



□ VM10AW

UTIČNICA ŠUKO+KS 2P+E 16A 250V~ 2M

- 2P+E šuko
- 16A 250V~, tip VM10
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom
- antibakterijska zaštita usklađena s JIS Z 2801

SOCKET SCHUKO+KS 2P+E 16A 250V~ 2M

- 2P+E schuko
- 16A 250V~, type VM10
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- built-in contact protection
- antibacterial protection in accordance with JIS Z 2801



□ VM11AW

UTIČNICA ŠUKO+KS +POKLOPAC 2P+E 16A 250V~ 2M

- 2P+E šuko+poklopac
- 16A 250V~, tip VM11
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom
- antibakterijska zaštita usklađena s JIS Z 2801

SOCKET SCHUKO+KS+COVER

- 2P+E 16A 250V~ 2M
- 2P+E schuko+cover
- 16A 250V~, type VM11
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- built-in contact protection
- antibacterial protection in accordance with JIS Z 2801



□ VM20AW

UTIČNICA EURO+KS 2P 10A 250V~ 1M

- 2P Euro
- 10A 250V~, tip VM20
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom
- antibakterijska zaštita usklađena s JIS Z 2801

SOCKET EURO+KS 2P 10A 250V~ 1M

- 2P Euro
- 10A 250V~, type VM20
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- built-in contact protection
- antibacterial protection in accordance with JIS Z 2801



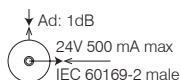
□ KM11AW

UTIČNICA TV ZAVRŠNA 1dB 1M

- TV završna
- propušta frekvenciju u rasponu 5÷2400 MHz
- prigušenje < 1 dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje
- antibakterijska zaštita usklađena s JIS Z 2801

SOCKET TV END-LINE 1dB 1M

- TV end-line
- frequency range 5÷2400 MHz
- reduction < 1 dB
- in accordance with EN 50083-1
- screw contacts
- antibacterial protection in accordance with JIS Z 2801



□ KM35AW

ADAPTER KS 1M

- KS keystone standard pričvršćivanja
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- nije ugraben komunikacijski modul
- antibakterijska zaštita usklađena s JIS Z 2801

ADAPTER KS 1M

- KS keystone fixing standard
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- communication module not included
- antibacterial protection in accordance with JIS Z 2801



## A N T I B A C T E R I A L P R O G R A M M O D U L



OS20AW

## OKVIR SOFT 2M

- dekorativni okvir SOFT 2M
- skladno normi EN 60669-1
- antibakterijska zaščita uskladenjena s JIS Z 2801

## COVER PLATE SOFT 2M

- decorative cover plate SOFT 2M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801



OS24AW

## OKVIR SOFT 2x2M

- dekorativni okvir SOFT 2x2M
- vodoravna ili okomita ugradnja
- skladno normi EN 60669-1
- antibakterijska zaščita uskladenjena s JIS Z 2801

## COVER PLATE SOFT 2x2M

- decorative cover plate SOFT 2x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801



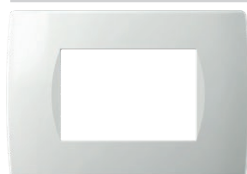
OS26AW

## OKVIR SOFT 3x2M

- dekorativni okvir SOFT 3x2M
- vodoravna ili okomita ugradnja
- skladno normi EN 60669-1
- antibakterijska zaščita uskladenjena s JIS Z 2801

## COVER PLATE SOFT 3x2M

- decorative cover plate SOFT 3x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801



OS30AW

## OKVIR SOFT 3M

- dekorativni okvir SOFT 3M
- antibakterijska zaščita uskladenjena s JIS Z 2801
- skladno normi EN 60669-1

## COVER PLATE SOFT 3M

- decorative cover plate SOFT 3M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801



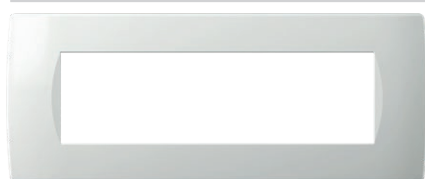
OS40AW

## OKVIR SOFT 4M

- dekorativni okvir SOFT 4M
- skladno normi EN 60669-1
- antibakterijska zaščita uskladenjena s JIS Z 2801

## COVER PLATE SOFT 4M

- decorative cover plate SOFT 4M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801



OS70AW

## OKVIR SOFT 7M

- dekorativni okvir SOFT 7M
- skladno normi EN 60669-1
- antibakterijska zaščita uskladenjena s JIS Z 2801

## COVER PLATE SOFT 7M

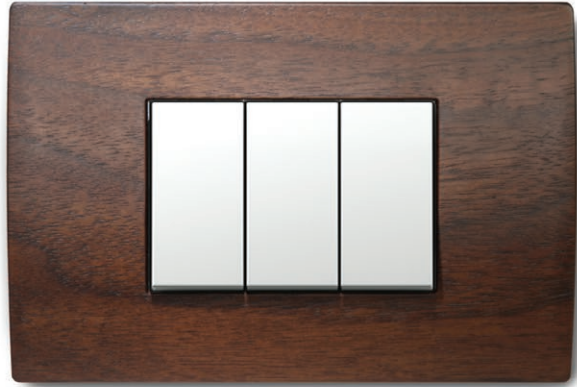
- decorative cover plate SOFT 7M
- in accordance with EN 60669-1
- antibacterial protection in accordance with JIS Z 2801

drvo  
wood

WB bambus  
bamboo



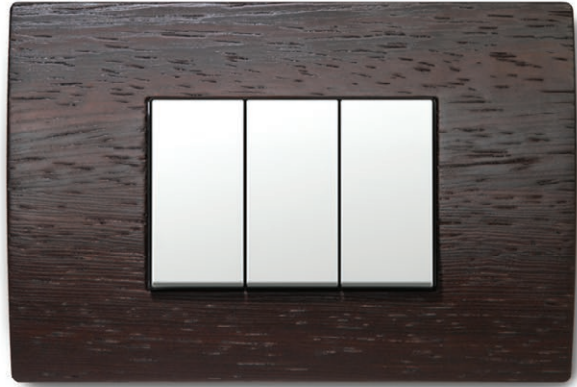
WW orah  
walnut



WM javor  
maple



WE wenge  
wenge



**Priroda je jedinstvena i dragocjena, baš kao i naši okviri, među kojima ne postoje dva ista.**  
Reklamacije zbog različitosti izgleda i međusobne raznolikosti drvenih okvira ne uvažavamo.

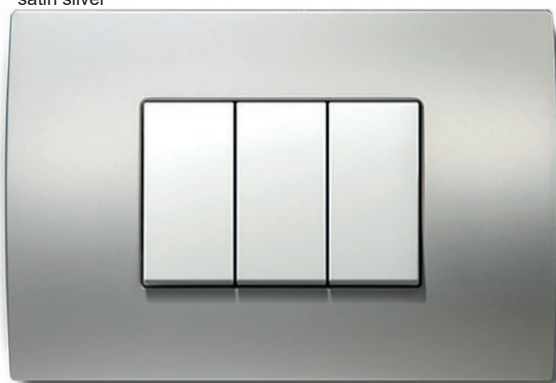
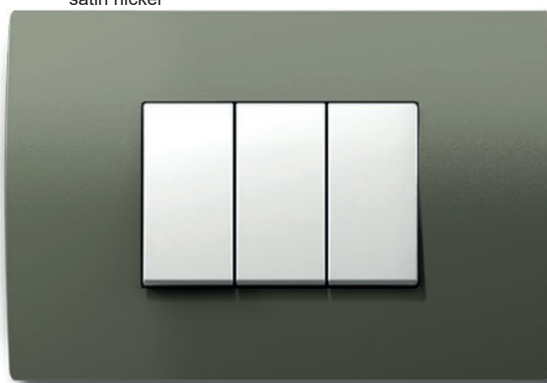
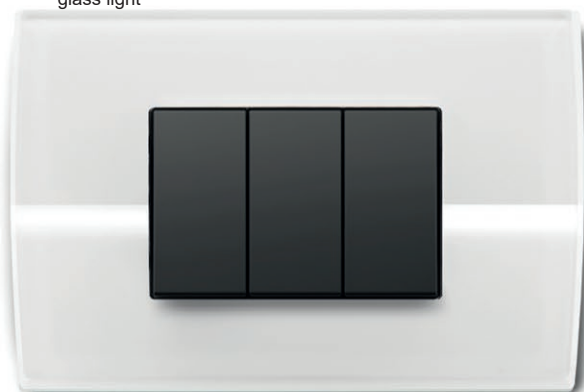
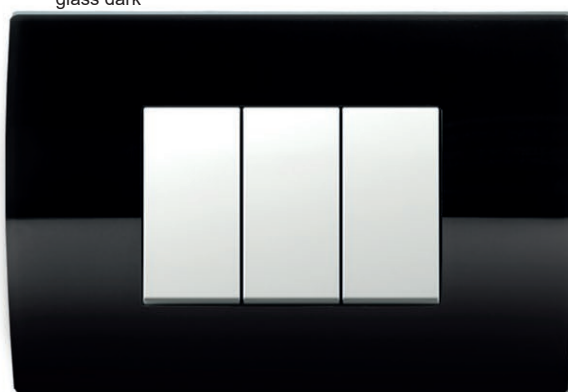
**Nature is unique and precious, as our decorative cover plates where no two are the same.**  
*Complaints about wooden decorative cover plate's diverse appearance and differentiation cannot be considered.*

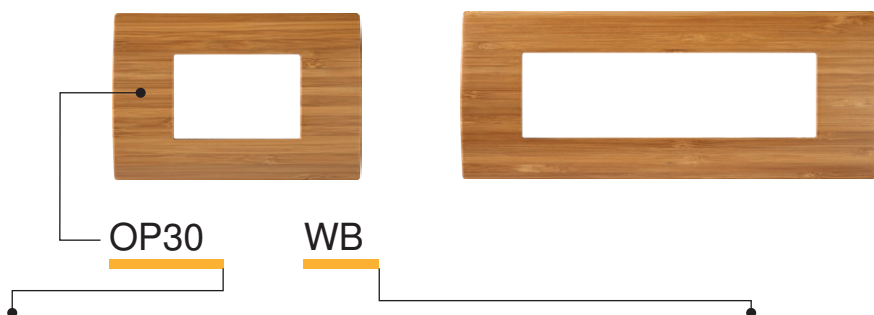
MODUL

PURE

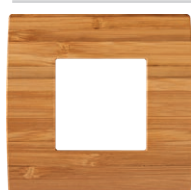


## C O V E R P L A T E S P U R E O P

metal  
metalMH kovani čelik  
hammered steelME lijevano željezo  
etched ironMS satenski srebrna  
satin silverMN satenski poniklani  
satin nickelstaklo  
glassGL bijela  
glass lightGD crna  
glass dark



tip type	naziv description	veličina size	boja colour	
OP13	OKVIR PURE COVER PLATE PURE	1/3M	MH kovani čelik hammered steel	WB bambus bamboo
OP20	OKVIR PURE COVER PLATE PURE	2M	ME lijevano željezo etched iron	WW orah walnut
OP23	OKVIR PURE COVER PLATE PURE	2/3M	MS satenski srebrna satin silver	WM javor maple
.	.	.	MN satenski poniklani satin nickel	WE wenge wenge
.	.	.		
.	.	.		



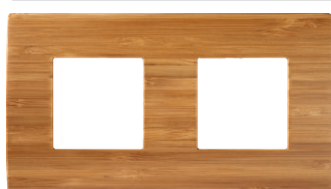
OP20MH	OP20WB
OP20ME	OP20WW
OP20MS	OP20WM
OP20MN	OP20WE
	OP20GL
	OP20GD

#### OKVIR PURE 2M

- dekorativni okvir PURE 2M
- sukladno normi EN 60669-1
- samo u kombinaciji s nosačem NM24 ili NM25

#### COVER PLATE PURE 2M

- decorative cover plate PURE 2M
- in accordance with EN 60669-1
- only in combination with mounting frame NM24 or NM25



OP24MH	OP24WB
OP24ME	OP24WW
OP24MS	OP24WM
OP24MN	OP24WE
	OP24GL
	OP24GD

#### OKVIR PURE 2x2M

- dekorativni okvir PURE 2x2M
- vodoravna ili okomita ugradnja
- sukladno normi EN 60669-1
- samo u kombinaciji s nosačem NM24 ili NM25

#### COVER PLATE PURE 2x2M

- decorative cover plate PURE 2x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1
- only in combination with mounting frames NM24 or NM25



OP26MH	OP26WB
OP26ME	OP26WW
OP26MS	OP26WM
OP26MN	OP26WE
	OP26GL
	OP26GD

#### OKVIR PURE 3x2M

- dekorativni okvir PURE 3x2M
- vodoravna ili okomita ugradnja
- sukladno normi EN 60669-1
- samo u kombinaciji s nosačem NM24 ili NM25

#### COVER PLATE PURE 3x2M

- decorative cover plate PURE 3x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1
- only in combination with mounting frames NM24 or NM25



OP28MH	OP28WB
OP28ME	OP28WW
OP28MS	OP28WM
OP28MN	OP28WE
	OP28GL
	OP28GD

#### OKVIR PURE 4x2M

- dekorativni okvir PURE 4x2M
- vodoravna ili okomita ugradnja
- sukladno normi EN 60669-1
- samo u kombinaciji s nosačem NM24 ili NM25

#### COVER PLATE PURE 4x2M

- decorative cover plate PURE 4x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1
- only in combination with mounting frames NM24 or NM25

## COVER PLATES PURE OP



	OP30MH		OP30WB
	OP30ME		OP30WW
	OP30MS		OP30WM
	OP30MN		OP30WE
			OP30GL
			OP30GD

## OKVIR PURE 3M

- dekorativni okvir PURE 3M  
- skladno normi EN 60669-1

## COVER PLATE PURE 3M

- decorative cover plate PURE 3M  
- in accordance with EN 60669-1



	OP40MH		OP40WB
	OP40ME		OP40WW
	OP40MS		OP40WM
	OP40MN		OP40WE
			OP40GL
			OP40GD

## OKVIR PURE 4M

- dekorativni okvir PURE 4M  
- skladno normi EN 60669-1

## COVER PLATE PURE 4M

- decorative cover plate PURE 4M  
- in accordance with EN 60669-1



	OP70MH		OP70WB
	OP70ME		OP70WW
	OP70MS		OP70WM
	OP70MN		OP70WE
			OP70GL
			OP70GD

## OKVIR PURE 7M

- dekorativni okvir PURE 7M  
- skladno normi EN 60669-1

## COVER PLATE PURE 7M

- decorative cover plate PURE 7M  
- in accordance with EN 60669-1



	OP13MH		OP13WB
	OP13ME		OP13WW
	OP13MS		OP13WM
	OP13MN		OP13WE
			OP13GL
			OP13GD

## OKVIR PURE 1/3M

- dekorativni okvir PURE 1/3M  
- skladno normi EN 60669-1

## COVER PLATE PURE 1/3M

- decorative cover plate PURE 1/3M  
- in accordance with EN 60669-1



	OP23MH		OP23WB
	OP23ME		OP23WW
	OP23MS		OP23WM
	OP23MN		OP23WE
			OP23GL
			OP23GD

## OKVIR PURE 2/3M

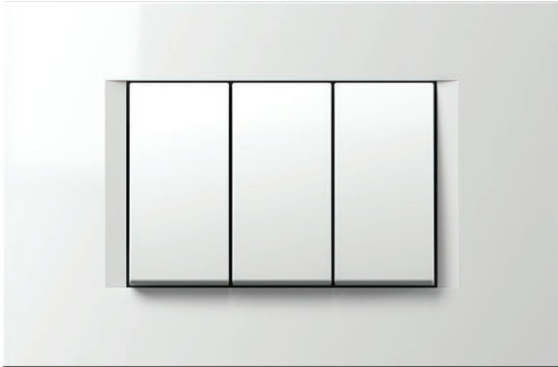
- dekorativni okvir PURE 2/3M  
- skladno normi EN 60669-1

## COVER PLATE PURE 2/3M

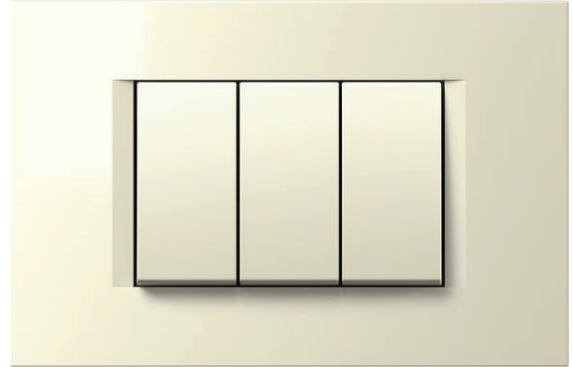
- decorative cover plate PURE 2/3M  
- in accordance with EN 60669-1

osnovni  
basic

PW bijela sjajna  
polar white



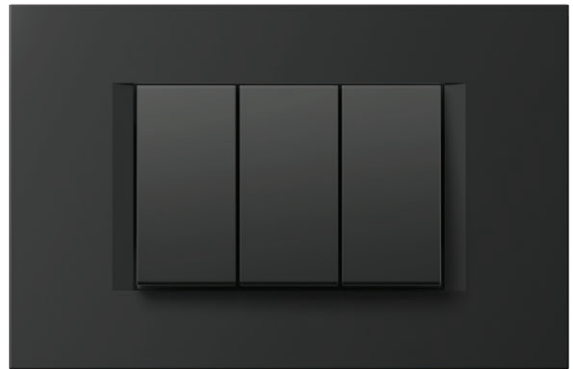
IW bež sjajna  
ivory white



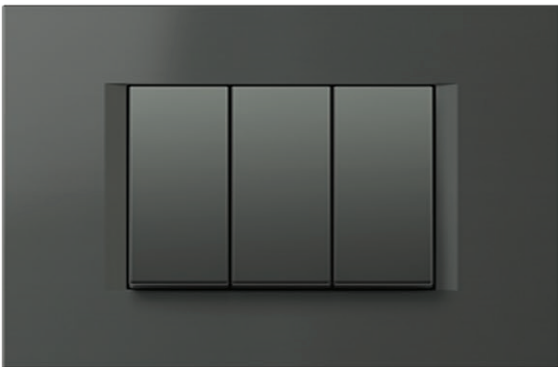
ES srebrna mat  
elox silver



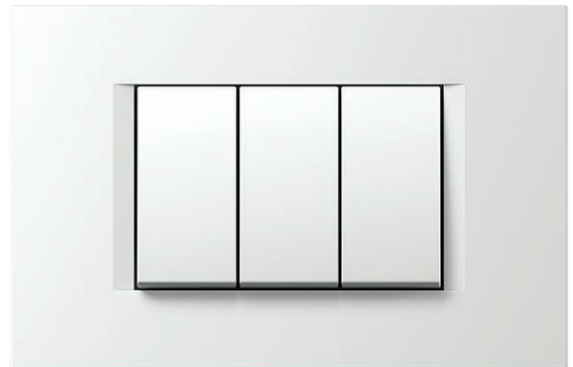
SB crna mat  
soft touch black



AT antracit  
anthracite



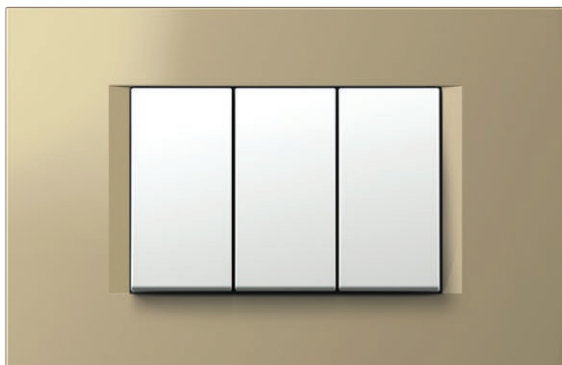
MW bijela mat  
matte white



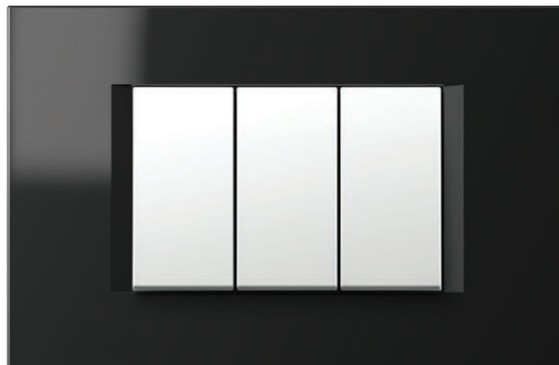
## COVER PLATES LINE OL

dekor  
decor

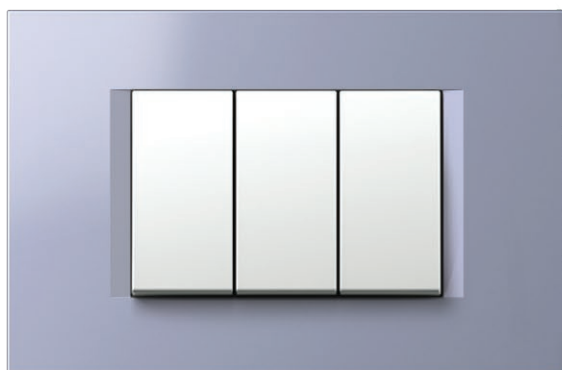
SG zlatna mat  
sand gold



NB crna sjajna  
night black



IB plava mat  
impulse blue

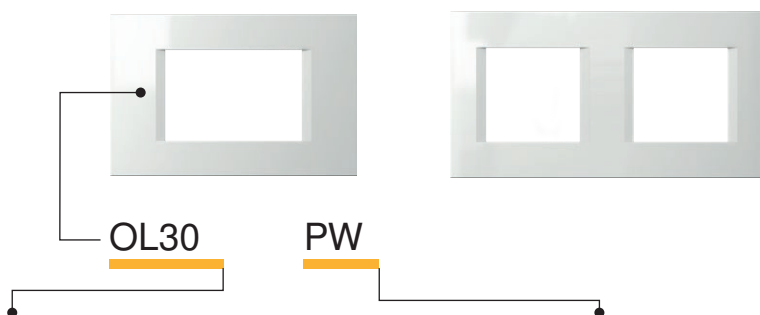


TI titan  
titanium



SW kamen bijeli  
stone white

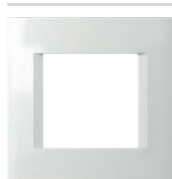




tip type	naziv description	veličina size	boja colour																											
OL10	OKVIR LINE COVER PLATE LINE	1/2M	<table border="0"> <tr> <td></td> <td>PW</td> <td>bijela sjajna polar white</td> <td></td> <td>SG</td> <td>zlatna mat sand gold</td> <td></td> <td>AT</td> <td>antracit anthracite</td> </tr> </table>		PW	bijela sjajna polar white		SG	zlatna mat sand gold		AT	antracit anthracite																		
	PW	bijela sjajna polar white		SG	zlatna mat sand gold		AT	antracit anthracite																						
OL13	OKVIR LINE COVER PLATE LINE	1/3M	<table border="0"> <tr> <td></td> <td>MW</td> <td>bijela mat matte white</td> <td></td> <td>NB</td> <td>crna sjajna night black</td> <td></td> <td>TI</td> <td>titan titanium</td> </tr> </table>		MW	bijela mat matte white		NB	crna sjajna night black		TI	titan titanium																		
	MW	bijela mat matte white		NB	crna sjajna night black		TI	titan titanium																						
OL20	OKVIR LINE COVER PLATE LINE	2M	<table border="0"> <tr> <td></td> <td>IW</td> <td>bež sjajna ivory white</td> <td></td> <td>IB</td> <td>plava mat impulse blue</td> <td></td> <td>SW</td> <td>kamen bijeli stone white</td> </tr> <tr> <td></td> <td>ES</td> <td>srebrna mat elox silver</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>SB</td> <td>crna mat soft touch black</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		IW	bež sjajna ivory white		IB	plava mat impulse blue		SW	kamen bijeli stone white		ES	srebrna mat elox silver								SB	crna mat soft touch black						
	IW	bež sjajna ivory white		IB	plava mat impulse blue		SW	kamen bijeli stone white																						
	ES	srebrna mat elox silver																												
	SB	crna mat soft touch black																												



#### OKVIR LINE 2M



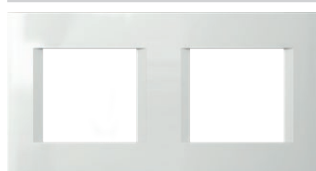
	OL20PW		OL20SG
	OL20MW		OL20NB
	OL20IW		OL20IB
	OL20ES		OL20AT
	OL20SB		OL20TI
			OL20SW

- dekorativni okvir LINE 2M  
- sukladno normi EN 60669-1

#### COVER PLATE LINE 2M

- decorative cover plate LINE 2M  
- in accordance with EN 60669-1

#### OKVIR LINE 2x2M



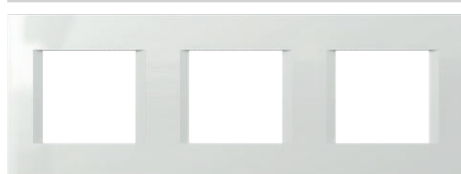
	OL24PW		OL24SG
	OL24MW		OL24NB
	OL24IW		OL24IB
	OL24ES		OL24AT
	OL24SB		OL24TI
			OL24SW

- dekorativni okvir LINE 2x2M  
- vodoravna ili okomita ugradnja  
- sukladno normi EN 60669-1

#### COVER PLATE LINE 2x2M

- decorative cover plate LINE 2x2M  
- horizontal or vertical mounting  
- in accordance with EN 60669-1

#### OKVIR LINE 3x2M



	OL26PW		OL26SG
	OL26MW		OL26NB
	OL26IW		OL26IB
	OL26ES		OL26AT
	OL26SB		OL26TI
			OL26SW

- dekorativni okvir LINE 3x2M  
- vodoravna ili okomita ugradnja  
- sukladno normi EN 60669-1

#### COVER PLATE LINE 3x2M

- decorative cover plate LINE 3x2M  
- horizontal or vertical mounting  
- in accordance with EN 60669-1

#### OKVIR LINE 4x2M



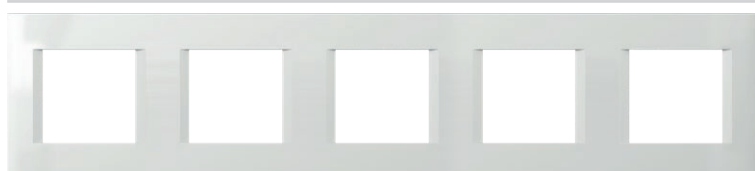
	OL28PW		OL28SG
	OL28MW		OL28NB
	OL28IW		OL28IB
	OL28ES		OL28AT
	OL28SB		OL28TI
			OL28SW

- dekorativni okvir LINE 4x2M  
- vodoravna ili okomita ugradnja  
- sukladno normi EN 60669-1

#### COVER PLATE LINE 4x2M

- decorative cover plate LINE 4x2M  
- horizontal or vertical mounting  
- in accordance with EN 60669-1

#### OKVIR LINE 5x2M



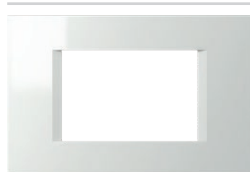
	OL29PW
	OL29MW
	OL29IW
	OL29ES
	OL29SB
	OL29AT
	OL29TI

- dekorativni okvir LINE 5x2M  
- vodoravna ili okomita ugradnja  
- sukladno normi EN 60669-1

#### COVER PLATE LINE 5x2M

- decorative cover plate LINE 5x2M  
- horizontal or vertical mounting  
- in accordance with EN 60669-1

## COVER PLATES LINE OL



	OL30PW		OL30SG
	OL30MW		OL30NB
	OL30IW		OL30IB
	OL30ES		OL30AT
	OL30SB		OL30TI
			OL30SW

## OKVIR LINE 3M

- dekorativni okvir LINE 3M  
- skladno normi EN 60669-1

*COVER PLATE LINE 3M*  
- decorative cover plate LINE 3M  
- in accordance with EN 60669-1

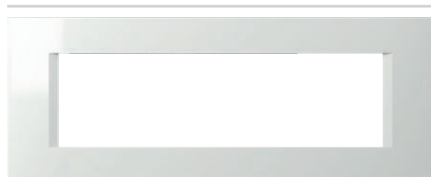


	OL40PW		OL40SG
	OL40MW		OL40NB
	OL40IW		OL40IB
	OL40ES		OL40AT
	OL40SB		OL40TI
			OL40SW

## OKVIR LINE 4M

- dekorativni okvir LINE 4M  
- skladno normi EN 60669-1

*COVER PLATE LINE 4M*  
- decorative cover plate LINE 4M  
- in accordance with EN 60669-1



	OL70PW		OL70SG
	OL70MW		OL70NB
	OL70IW		OL70IB
	OL70ES		OL70AT
	OL70SB		OL70TI
			OL70SW

## OKVIR LINE 7M

- dekorativni okvir LINE 7M  
- skladno normi EN 60669-1

*COVER PLATE LINE 7M*  
- decorative cover plate LINE 7M  
- in accordance with EN 60669-1



	OL71PW		OL71AT
	OL71MW		OL71TI
	OL71IW		
	OL71ES		
	OL71SB		

## OKVIR LINE 2x7M

- dekorativni okvir LINE 2x7M  
- skladno normi EN 60669-1

*COVER PLATE LINE 2x7M*  
- decorative cover plate LINE 2x7M  
- in accordance with EN 60669-1

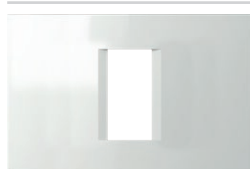


	OL10PW		OL10SG
	OL10MW		OL10NB
	OL10IW		OL10IB
	OL10ES		OL10AT
	OL10SB		OL10TI
			OL10SW

## OKVIR LINE 1/2M

- dekorativni okvir LINE 1/2M  
- skladno normi EN 60669-1

*COVER PLATE LINE 1/2M*  
- decorative cover plate LINE 1/2M  
- in accordance with EN 60669-1

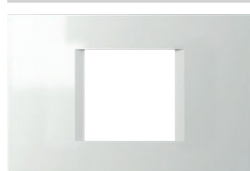


	OL13PW		OL13SG
	OL13MW		OL13NB
	OL13IW		OL13IB
	OL13ES		OL13AT
	OL13SB		OL13TI
			OL13SW

## OKVIR LINE 1/3M

- dekorativni okvir LINE 1/3M  
- skladno normi EN 60669-1

*COVER PLATE LINE 1/3M*  
- decorative cover plate LINE 1/3M  
- in accordance with EN 60669-1



	OL23PW		OL23SG
	OL23MW		OL23NB
	OL23IW		OL23IB
	OL23ES		OL23AT
	OL23SB		OL23TI
			OL23SW

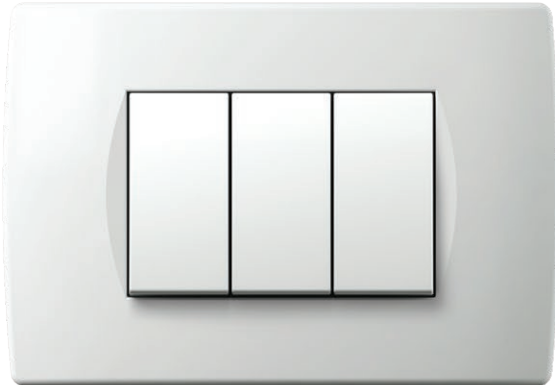
## OKVIR LINE 2/3M

- dekorativni okvir LINE 2/3M  
- skladno normi EN 60669-1

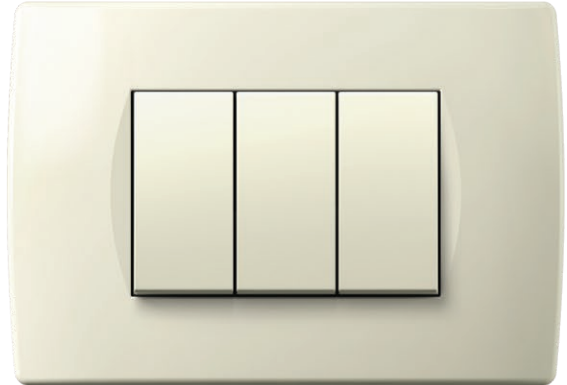
*COVER PLATE LINE 2/3M*  
- decorative cover plate LINE 2/3M  
- in accordance with EN 60669-1

osnovni  
basic

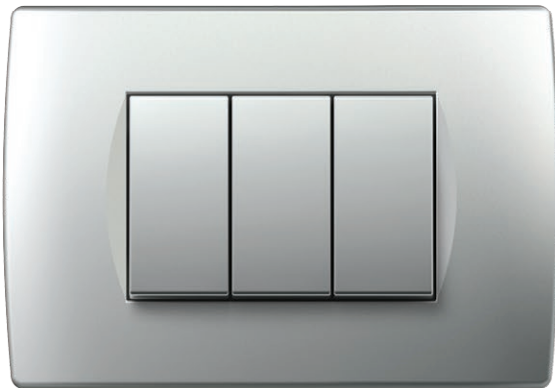
PW bijela sjajna  
polar white



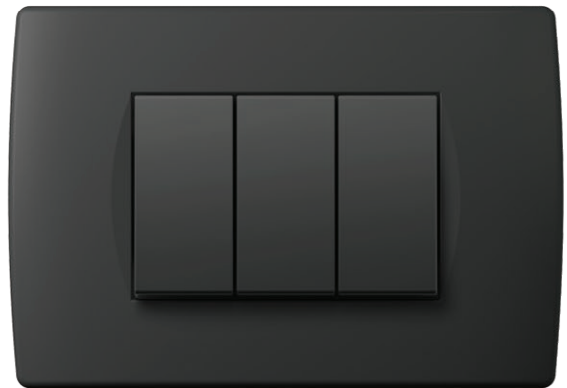
IW bež sjajna  
ivory white



ES srebrna mat  
elox silver



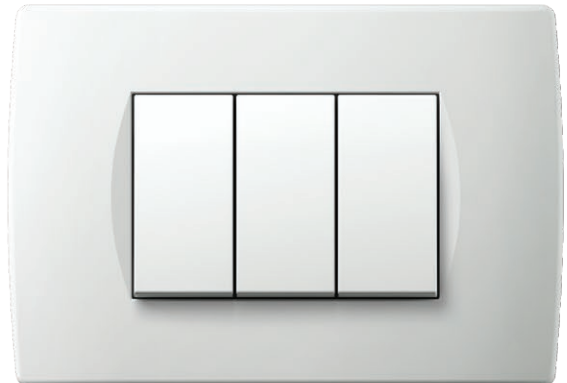
SB crna mat  
soft touch black



AT antracit  
anthracite

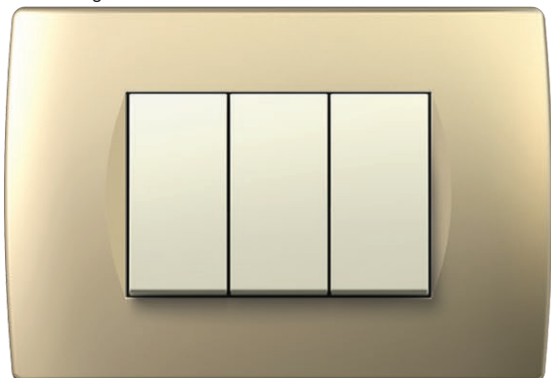
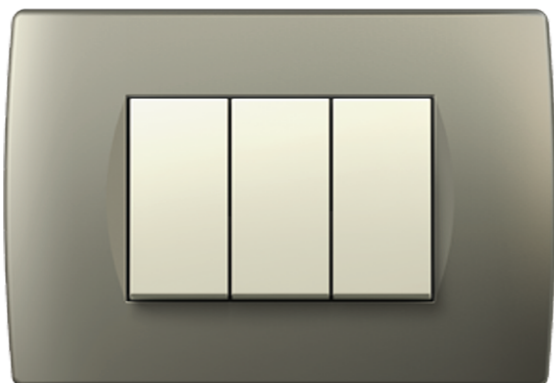
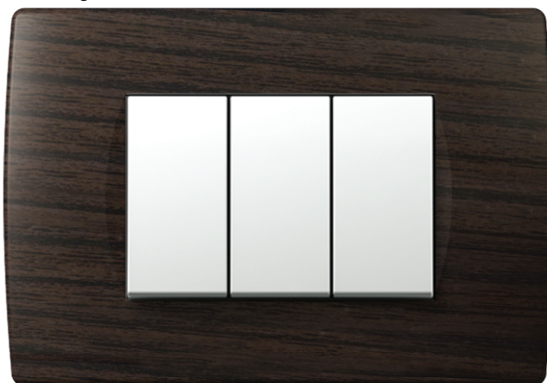


MW bijela mat  
matte white





## COVER PLATES SOFT OS

dekor  
decorSG zlatna mat  
sand goldNB crna sjajna  
night blackTI titan  
titaniumWE wenge  
wengeWW orah  
walnut



OS30

PW

tip type	naziv description	veličina size	boja colour																		
OS10	OKVIR SOFT COVER PLATE SOFT	1/2M	<table border="0"> <tr> <td></td> <td>PW bijela sjajna polar white</td> <td></td> <td>SG zlatna mat sand gold</td> <td></td> <td>WW orah walnut</td> </tr> </table>		PW bijela sjajna polar white		SG zlatna mat sand gold		WW orah walnut												
	PW bijela sjajna polar white		SG zlatna mat sand gold		WW orah walnut																
OS13	OKVIR SOFT COVER PLATE SOFT	1/3M	<table border="0"> <tr> <td></td> <td>MW bijela mat matte white</td> <td></td> <td>NB crna sjajna night black</td> <td></td> <td>WE wenge wenge</td> </tr> </table>		MW bijela mat matte white		NB crna sjajna night black		WE wenge wenge												
	MW bijela mat matte white		NB crna sjajna night black		WE wenge wenge																
OS20	OKVIR SOFT COVER PLATE SOFT	2M	<table border="0"> <tr> <td></td> <td>IW bež sjajna ivory white</td> <td></td> <td>AT antracit anthracite</td> <td></td> <td></td> </tr> <tr> <td></td> <td>ES srebrna mat elox silver</td> <td></td> <td>TI titan titanium</td> <td></td> <td></td> </tr> <tr> <td></td> <td>SB crna mat soft touch black</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		IW bež sjajna ivory white		AT antracit anthracite				ES srebrna mat elox silver		TI titan titanium				SB crna mat soft touch black				
	IW bež sjajna ivory white		AT antracit anthracite																		
	ES srebrna mat elox silver		TI titan titanium																		
	SB crna mat soft touch black																				



	OS20PW		OS20SG
	OS20MW		OS20NB
	OS20IW		OS20AT
	OS20ES		OS20TI
	OS20SB		OS20WW
			OS20WE

OKVIR SOFT 2M

- dekorativni okvir SOFT 2M
- sukladno normi EN 60669-1

COVER PLATE SOFT 2M

- decorative cover plate SOFT 2M
- in accordance with EN 60669-1



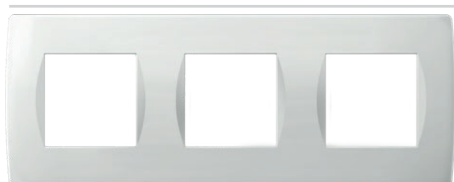
	OS24PW		OS24SG
	OS24MW		OS24NB
	OS24IW		OS24AT
	OS24ES		OS24TI
	OS24SB		OS24WW
			OS24WE

OKVIR SOFT 2x2M

- dekorativni okvir SOFT 2x2M
- vodoravna ili okomita ugradnja
- sukladno normi EN 60669-1

COVER PLATE SOFT 2x2M

- decorative cover plate SOFT 2x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1



	OS26PW		OS26SG
	OS26MW		OS26NB
	OS26IW		OS26AT
	OS26ES		OS26TI
	OS26SB		OS26WW
			OS26WE

OKVIR SOFT 3x2M

- dekorativni okvir SOFT 3x2M
- vodoravna ili okomita ugradnja
- sukladno normi EN 60669-1

COVER PLATE SOFT 3x2M

- decorative cover plate SOFT 3x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1



	OS28PW		OS28SG
	OS28MW		OS28NB
	OS28IW		OS28AT
	OS28ES		OS28TI
	OS28SB		OS28WW
			OS28WE

OKVIR SOFT 4x2M

- dekorativni okvir SOFT 4x2M
- vodoravna ili okomita ugradnja
- sukladno normi EN 60669-1

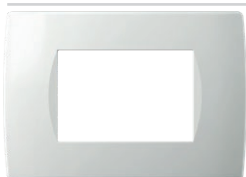
COVER PLATE SOFT 4x2M

- decorative cover plate SOFT 4x2M
- horizontal or vertical mounting
- in accordance with EN 60669-1

MODUL

SOFT

## COVER PLATES SOFT OS



 OS30PW	 OS30SG
 OS30MW	 OS30NB
 OS30IW	 OS30AT
 OS30ES	 OS30TI
 OS30SB	 OS30WW
	 OS30WE


## OKVIR SOFT 3M

- dekorativni okvir SOFT 3M  
- skladno normi EN 60669-1

## COVER PLATE SOFT 3M

- decorative cover plate SOFT 3M  
- in accordance with EN 60669-1



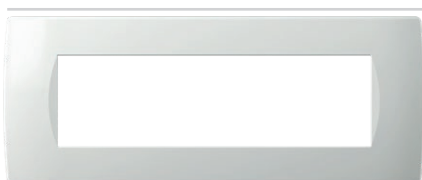
 OS40PW	 OS40SG
 OS40MW	 OS40NB
 OS40IW	 OS40AT
 OS40ES	 OS40TI
 OS40SB	 OS40WW
	 OS40WE

## OKVIR SOFT 4M

- dekorativni okvir SOFT 4M  
- skladno normi EN 60669-1

## COVER PLATE SOFT 4M

- decorative cover plate SOFT 4M  
- in accordance with EN 60669-1



 OS70PW	 OS70SG
 OS70MW	 OS70NB
 OS70IW	 OS70AT
 OS70ES	 OS70TI
 OS70SB	 OS70WW
	 OS70WE








## OKVIR SOFT 7M

- dekorativni okvir SOFT 7M  
- skladno normi EN 60669-1

## COVER PLATE SOFT 7M

- decorative cover plate SOFT 7M  
- in accordance with EN 60669-1



 OS71PW	 OS71AT
 OS71MW	 OS71TI
 OS71IW	
 OS71ES	
 OS71SB	








## OKVIR SOFT 2x7M

- dekorativni okvir SOFT 2x7M  
- skladno normi EN 60669-1

## COVER PLATE SOFT 2x7M

- decorative cover plate SOFT 2x7M  
- in accordance with EN 60669-1



 OS72PW	 OS72SG
 OS72IW	 OS72AT
 OS72ES	 OS72TI
 OS72SB	

## OKVIR SOFT 2x7M s natpisnom pločicom

- dekorativni okvir SOFT 2x7M s  
natpisnom pločicom  
- skladno normi EN 60669-1

## COVER PLATE SOFT 2x7M

- decorative cover plate SOFT 2x7M  
with inscription plate  
- in accordance with EN 60669-1



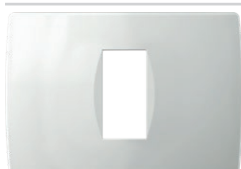
 OS10PW	 OS10SG
 OS10MW	 OS10NB
 OS10IW	 OS10AT
 OS10ES	 OS10TI
 OS10SB	 OS10WW
	 OS10WE









OKVIR SOFT 1/2M

- dekorativni okvir SOFT 1/2M  
- sukladno normi EN 60669-1

COVER PLATE SOFT 1/2M

- decorative cover plate SOFT 1/2M  
- in accordance with EN 60669-1



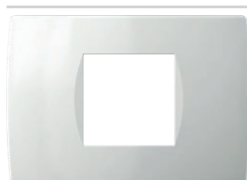
 OS13PW	 OS13SG
 OS13MW	 OS13NB
 OS13IW	 OS13AT
 OS13ES	 OS13TI
 OS13SB	 OS13WW
	 OS13WE

OKVIR SOFT 1/3M

- dekorativni okvir SOFT 1/3M  
- sukladno normi EN 60669-1

COVER PLATE SOFT 1/3M

- decorative cover plate SOFT 1/3M  
- in accordance with EN 60669-1



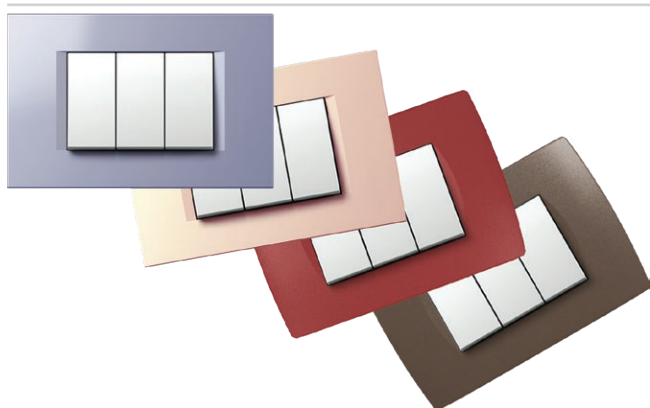
 OS23PW	 OS23SG
 OS23MW	 OS23NB
 OS23IW	 OS23AT
 OS23ES	 OS23TI
 OS23SB	 OS23WW
	 OS23WE

OKVIR SOFT 2/3M

- dekorativni okvir SOFT 2/3M  
- sukladno normi EN 60669-1

COVER PLATE SOFT 2/3M

- decorative cover plate SOFT 2/3M  
- in accordance with EN 60669-1







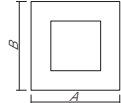
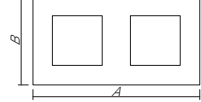
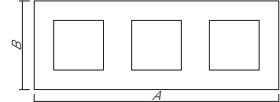
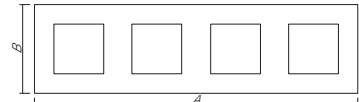
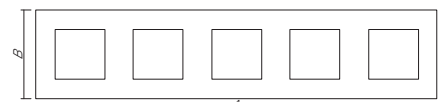

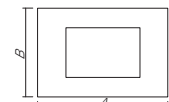

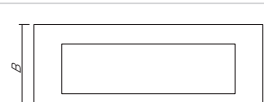
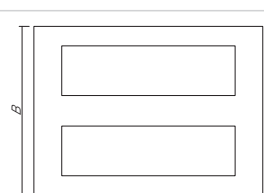

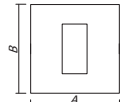
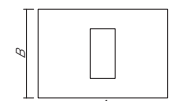
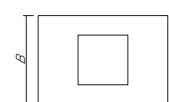
UKRAŠAVANJE OKVIRA

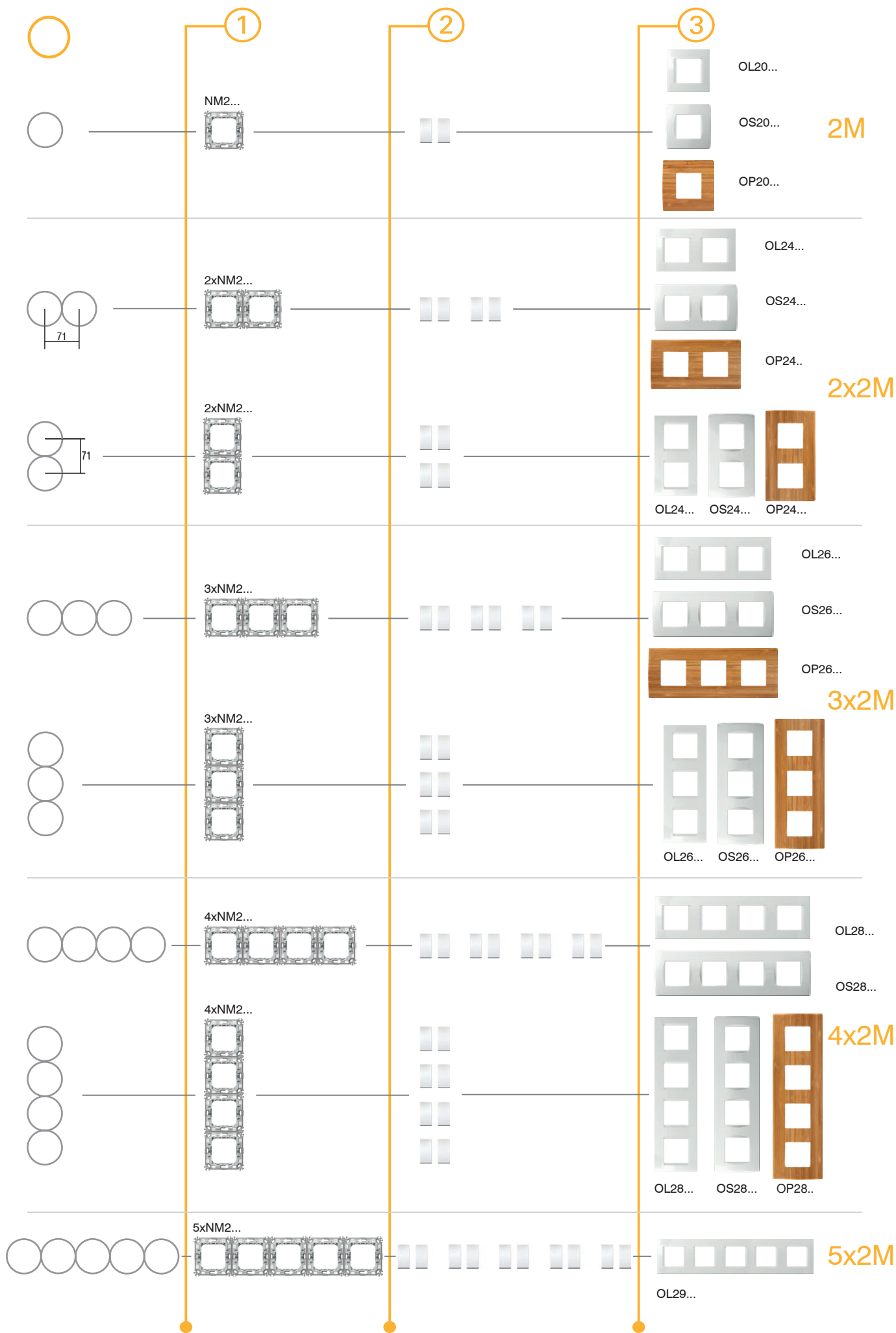
- kada se naručuje veća količina, okviri mogu se izraditi u boji prema Vašem izboru  
- prikladno za okvire OL, OS

COVER PLATES DECORATIONS

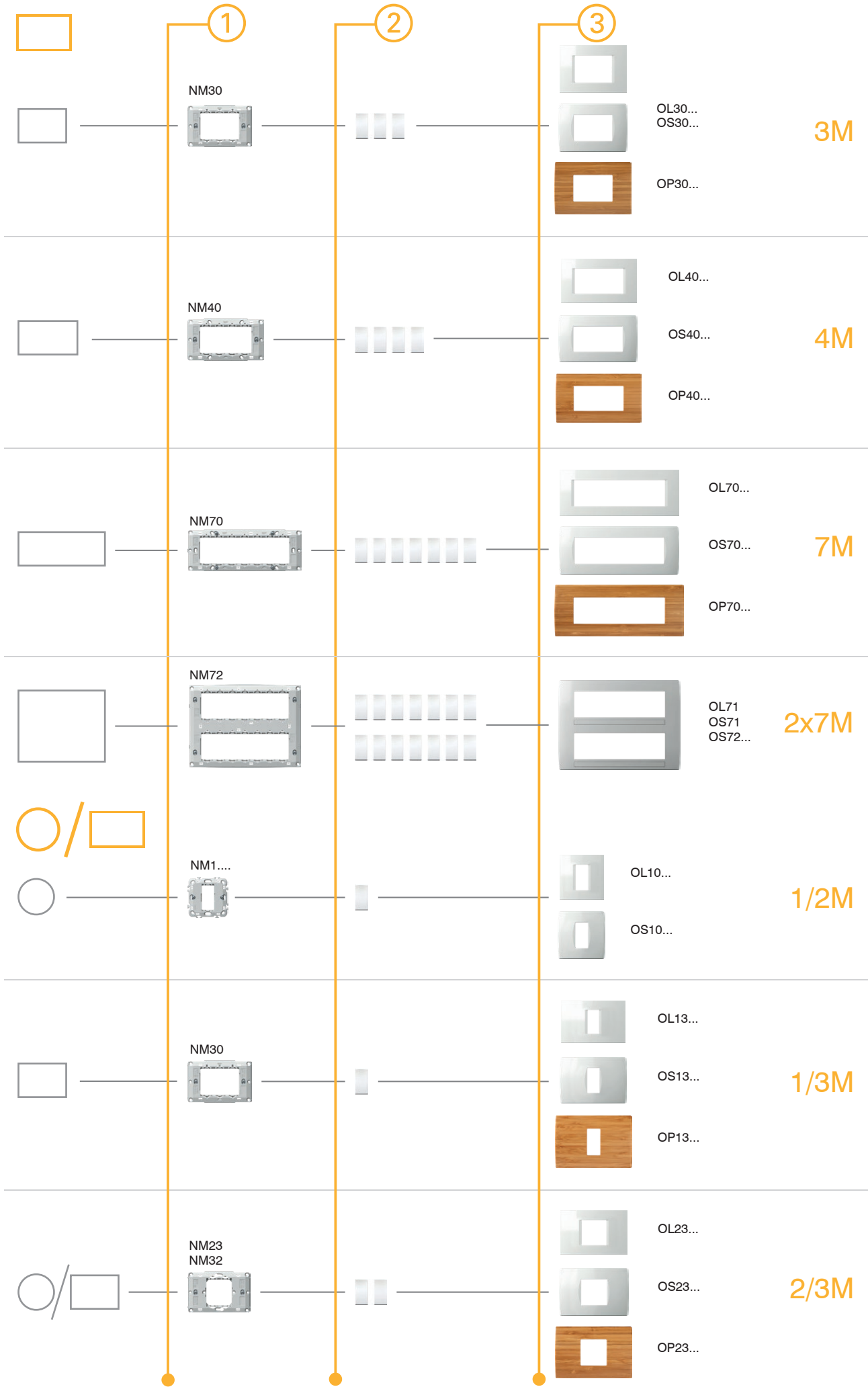
- when ordering large quantities, cover plates can be made in the colour of your choice  
- suitable for cover plates OL, OS

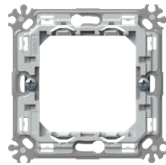
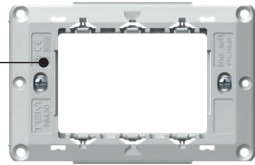
F R A M E S

	 <b>MODUL</b> LINE A x B	 <b>MODUL</b> SOFT A x B	 <b>MODUL</b> PURE A x B
<b>2M</b> 	80 x 80 mm	84 x 84 mm	93 x 90 mm
<b>2x2M</b> 	151 x 80 mm	155 x 84 mm	164 x 90 mm
<b>3x2M</b> 	222 x 80 mm	226 x 84 mm	235 x 90 mm
<b>4x2M</b> 	293 x 80 mm	297 x 84 mm	304 x 90 mm
<b>5x2M</b> 	364,1 x 80 mm		
			
<b>3M</b> 	122 x 80 mm	122 x 84 mm	134 x 90 mm
<b>4M</b> 	149 x 80 mm	144 x 84 mm	157 x 90 mm
<b>7M</b> 	207 x 80 mm	212 x 84 mm	224 x 90 mm
<b>2x7M</b> 	215 x 159 mm	212 x 158 mm	
			
<b>1/2M</b> 	80 x 80 mm	84 x 84 mm	
<b>1/3M</b> 	122 x 80 mm	122 x 84 mm	134 x 90 mm
<b>2/3M</b> 	122 x 80 mm	122 x 84 mm	134 x 90 mm



C O M B I N A T I O N S



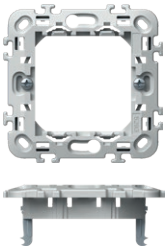


NM30

tip type	naziv description	veličina size
NM10	NOSAČ S NOŽICAMA MOUNTING FRAME WITH CLAWS	1/2M
NM11	NOSAČ BEZ VIJAKA MOUNTING FRAME WITHOUT SCREWS	1/2M
NM20	NOSAČ S NOŽICAMA MOUNTING FRAME WITH CLAWS	2M
...	...	...



NOSAČ S NOŽICAMA 2M

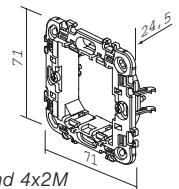


NM20

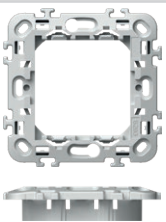
- nosač s nožicama 2M
- za ugradnju u kutije Ø60 (DE..) s nožicama
- moguće kombinacije vodoravne ili okomite ugradnje 2x2M, 3x2M i 4x2M
- prikladno za kombiniranje s okvirima LINE i SOFT
- sukladno normi EN 60669-1

MOUNTING FRAME WITH CLAWS 2M

- mounting frame 2M with claws
- for mounting on boxes Ø60 (DE..) with claws
- possible horizontal or vertical combinations 2x2M, 3x2M and 4x2M
- suitable for assembling with cover plates LINE and SOFT
- in accordance with EN 60669-1



NOSAČ BEZ VIJAKA 2M

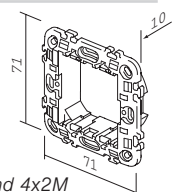


NM21

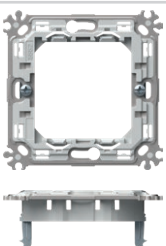
- nosač 2M bez vijaka i bez nožica
- za ugradnju u kutije Ø60 (HE..., BE..) s vijcima
- moguće kombinacije vodoravne ili okomite ugradnje 2x2M, 3x2M i 4x2M
- prikladno za kombiniranje s okvirima LINE i SOFT
- sukladno normi EN 60669-1

MOUNTING FRAME WITHOUT SCREWS 2M

- mounting frame 2M without screws and without claws
- for mounting on boxes Ø60 (HE..., BE..) with screws
- possible horizontal or vertical combinations 2x2M, 3x2M and 4x2M
- suitable for assembling with cover plates LINE and SOFT
- in accordance with EN 60669-1



NOSAČ METALNI S NOŽICAMA 2M

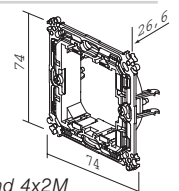


NM24

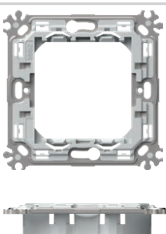
- metalni nosač 2M s nožicama - kruta inačica
- za ugradnju u kutije Ø60 (DE..) s nožicama
- moguće kombinacije vodoravne ili okomite ugradnje 2x2M, 3x2M i 4x2M
- prikladno za kombiniranje s okvirima PURE, LINE i SOFT
- sukladno normi EN 60669-1

MOUNTING FRAME METAL WITH CLAWS 2M

- metal mounting frame 2M with claws - stiff version
- for mounting on boxes Ø60 (DE..) with claws
- possible horizontal or vertical combinations 2x2M, 3x2M and 4x2M
- suitable for assembling with cover plates PURE, LINE and SOFT
- in accordance with EN 60669-1



NOSAČ METALNI BEZ VIJAKA 2M

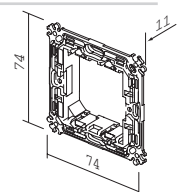


NM25

- metalni nosač 2M bez vijaka i bez nožica - kruta inačica
- za ugradnju u kutije Ø60 (HE..., BE...) s vijcima
- moguće kombinacije vodoravne ili okomite ugradnje 2x2M, 3x2M i 4x2M
- prikladno za kombiniranje s okvirima PURE, LINE i SOFT
- sukladno normi EN 60669-1

MOUNTING FRAME METAL WITHOUT SCREWS 2M

- metal mounting frame 2M without screws and without claws - stiff version
- for mounting in boxes Ø60 (HE..., BE...) with screws
- possible horizontal or vertical combinations 2x2M, 3x2M and 4x2M
- suitable for assembling with cover plates PURE, LINE and SOFT
- in accordance with EN 60669-1





## M O U N T I N G   F R A M E S   N M



	NM10	<p><b>NOSAČ S NOŽICAMA 1/2M</b></p> <ul style="list-style-type: none"> <li>- nosač 1/2M s nožicama</li> <li>- za ugradnju u kutije Ø60 (DE..) s nožicama</li> <li>- prikladno za kombiniranje s okvirima LINE i SOFT</li> <li>- sukladno normi EN 60669-1</li> </ul>	
	NM11	<p><b>NOSAČ BEZ VIJAKA 1/2M</b></p> <ul style="list-style-type: none"> <li>- nosač 1/2M bez vijaka i bez nožica</li> <li>- za ugradnju u kutije Ø60 (HE.., BE..) s vijcima</li> <li>- prikladno za kombiniranje s okvirima LINE i SOFT</li> <li>- sukladno normi EN 60669-1</li> </ul>	
	NM23	<p><b>NOSAČ S NOŽICAMA 2/3M</b></p> <ul style="list-style-type: none"> <li>- nosač 2/3M s nožicama</li> <li>- za ugradnju u kutije Ø60 (DE..) s nožicama</li> <li>- prikladno za kombiniranje s okvirima PURE, LINE i SOFT</li> <li>- sukladno normi EN 60669-1</li> </ul>	

*MOUNTING FRAME WITH CLAWS 1/2M*

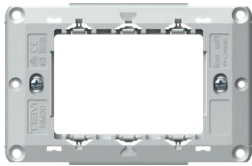
- mounting frame 1/2M with claws
- for mounting on boxes Ø60 (DE..) with claws
- suitable for assembling with cover plates LINE and SOFT
- in accordance with EN 60669-1

*MOUNTING FRAME WITHOUT SCREWS 1/2M*

- mounting frame 1/2M without screws and without claws
- for mounting on boxes Ø60 (HE.., BE..) with screws
- suitable for assembling with cover plates LINE and SOFT
- in accordance with EN 60669-1

*MOUNTING FRAME WITH CLAWS 2/3M*

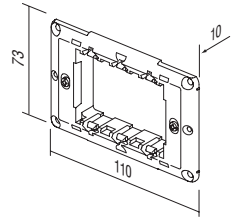
- mounting frame 2/3M with claws
- for mounting on boxes Ø60 (DE..) with claws
- suitable for assembling with cover plates PURE, LINE and SOFT
- in accordance with EN 60669-1



NM30

**NOSAČ S VIJCIMA 3M**

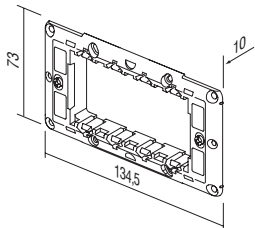
- nosač 3M s vijcima
- za ugradnju u pravokutne kutije 3M
- prikladno za kombiniranje s okvirima PURE, LINE i SOFT
- sukladno normi EN 60669-1
- MOUNTING FRAME WITH SCREWS 3M**
- mounting frame 3M with screws
- for mounting on rectangular boxes 3M
- suitable for assembling with cover plates PURE, LINE and SOFT
- in accordance with EN 60669-1



NM40

**NOSAČ S VIJCIMA 4M**

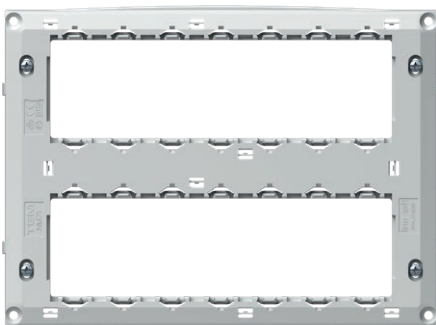
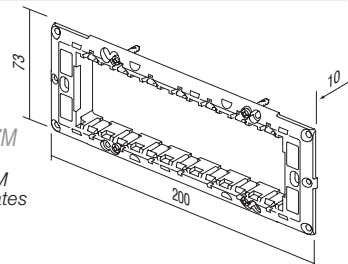
- nosač 4M s vijcima
- za ugradnju u pravokutne kutije 4M
- prikladno za kombiniranje s okvirima PURE, LINE i SOFT
- sukladno normi EN 60669-1
- MOUNTING FRAME WITH SCREWS 4M**
- mounting frame 4M with screws
- for mounting on rectangular boxes 4M
- suitable for assembling with cover plates PURE, LINE and SOFT
- in accordance with EN 60669-1



NM70

**NOSAČ S VIJCIMA 7M**

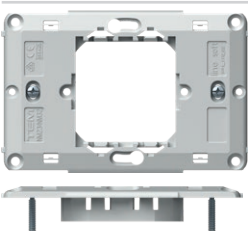
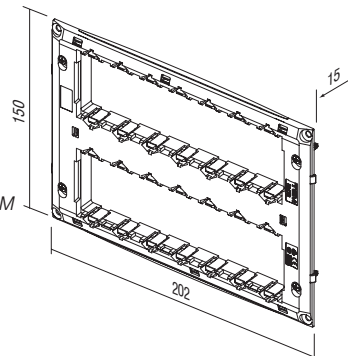
- nosač 7M s vijcima
- za ugradnju u pravokutne kutije 7M
- prikladno za kombiniranje s okvirima PURE, LINE i SOFT
- sukladno normi EN 60669-1
- MOUNTING FRAME WITH SCREWS 7M**
- mounting frame 7M with screws
- for mounting on rectangular boxes 7M
- suitable for assembling with cover plates 2x 7M
- in accordance with EN 60669-1



NM72

**NOSAČ S VIJCIMA 2x7M**

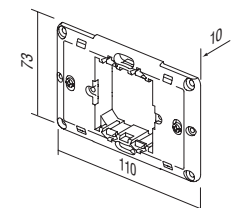
- nosač 2x7M s vijcima
- za ugradnju u pravokutne kutije 2x7M
- prikladan za sastavljanje s okvirom 2x7M
- sukladno normi EN 60669-1
- MOUNTING FRAME WITH SCREWS 2x7M**
- mounting frame 2x7M with screws
- for mounting on rectangular boxes 2x7M
- suitable for assembling with cover plates 2x 7M
- in accordance with EN 60669-1



NM32

**NOSAČ S VIJCIMA 2/3M**

- nosač 2/3M s vijcima
- za ugradnju u pravokutne kutije 3M
- prikladno za kombiniranje s okvirima PURE, LINE i SOFT
- sukladno normi EN 60669-1
- MOUNTING FRAME WITH SCREWS 2/3M**
- mounting frame 2/3M with screws
- for mounting on rectangular boxes 3M
- suitable for assembling with cover plates PURE, LINE and SOFT
- in accordance with EN 60669-1

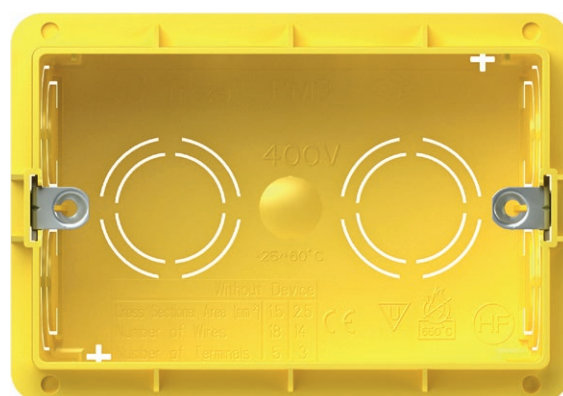








## KUTIJE



**TEM**



DE12



HE11



BE10

tip type	naziv description	veličina size
DE10	KUTIJA OKRUGLA ZA ZID OD OPEKE ROUND BOX BRICK	SM60-01
HE10	KUTIJA OKRUGLA ZA ŠUPLJE ZIDOVE ROUND BOX HOLLOW WALL	SM68X40
BE10	KUTIJA OKRUGLA ZA BETON ROUND BOX CONCRETE	
·	·	·
·	·	·

KUTIJA OKRUGLA ZA ZID OD OPEKE SM60-01

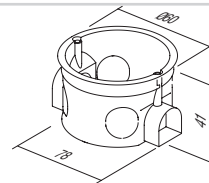


DE10

- Ø60, dubina 40mm
- 650°C, 500V ~
- sukladno normi IEC 60670-1
- bez halogena
- mogućnost pričvršćivanja nosača vijkom Ø 3 mm

ROUND BOX BRICK SM60-01

- Ø60, depth 40mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free
- option of mounting the mounting frame with Ø 3 mm screws



KUTIJA OKRUGLA ZA ZID OD OPEKE DUBOKA SM60-06

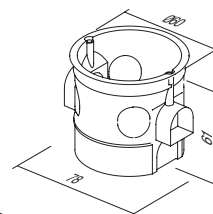


DE11

- Ø60, dubina 60mm
- 650°C, 500V ~
- sukladno normi IEC 60670-1
- bez halogena
- mogućnost pričvršćivanja nosača vijkom Ø 3 mm

ROUND BOX BRICK DEEP SM60-06

- Ø60, depth 60mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free
- option of mounting the mounting frame with Ø 3 mm screws



VEZNI ČLAN SM60-03

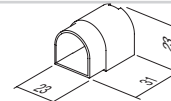


DE30

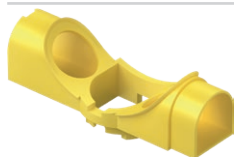
- za okomito povezivanje kutija SM60-06 ili SM60-01 na razmaku od 91 mm
- sukladno normi IEC 60670-1
- bez halogena

COMBI-CLIP SM60-03

- for vertical fitting of boxes SM60-06 or SM60-01 on distance 91 mm
- in accordance with IEC 60670-1
- halogen free



VEZNI ČLAN SM60-04

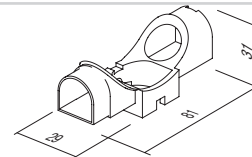


DE31


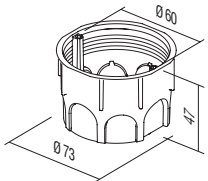

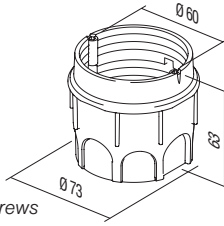

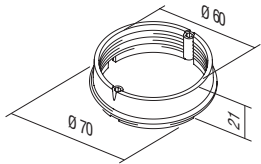

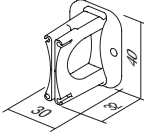

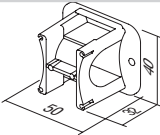

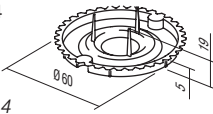

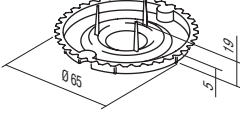

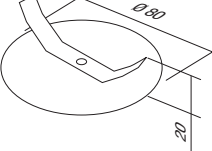
- za vodoravno povezivanje kutija SM60-06 ili SM60-01 na razmaku od 71 mm
- sukladno normi IEC 60670-1
- bez halogena

COMBI-CLIP SM60-04

- for horizontal fitting of boxes SM60-06 or SM60-01 on distance 71mm
- in accordance with IEC 60670-1
- halogen free



## R O U N D     B O X E S

	DE12	KUTIJA OKRUGLA ZA ZID OD OPEKE MD65-46	<ul style="list-style-type: none"> <li>- Ø65, dubina 46mm</li> <li>- 650°C, 500V ~</li> <li>- sukladno normi IEC 60670-1</li> <li>- bez halogena</li> <li>- mogućnost pričvršćivanja nosača vijkom Ø 3 mm</li> </ul>	
	DE13	KUTIJA OKRUGLA ZA ZID OD OPEKE DUBOKA MD65-60	<ul style="list-style-type: none"> <li>- Ø65/60, dubina 62mm</li> <li>- 650°C, 500V ~</li> <li>- sukladno normi IEC 60670-1</li> <li>- bez halogena</li> <li>- mogućnost pričvršćivanja nosača vijkom Ø 3 mm</li> </ul>	
	DE14	PRODUŽETAK ZA MD65-46	<ul style="list-style-type: none"> <li>- Ø65/60, dubina 17mm</li> <li>- 650°C, 500V ~</li> <li>- sukladno normi IEC 60670-1</li> <li>- bez halogena</li> </ul>	
	DE32	VEZNI ČLAN MD65-71	<ul style="list-style-type: none"> <li>- za povezivanje kutija MD65 na razmaku od 71mm</li> <li>- sukladno normi IEC 60670-1</li> <li>- bez halogena</li> </ul>	
	DE33	VEZNI ČLAN MD65-91	<ul style="list-style-type: none"> <li>- za povezivanje kutija MD65 na razmaku od 91mm</li> <li>- sukladno normi IEC 60670-1</li> <li>- bez halogena</li> </ul>	
	DE20	POKLOPAC KUTIJE ZAŠTITNI 60	<ul style="list-style-type: none"> <li>- zaštitni poklopac za kutiju Ø60 za DE10, DE11, DE13, DE14</li> <li>- sukladno normi IEC 60670-1</li> <li>- zaštita kutije tijekom žbukanja</li> </ul>	
	DE21	POKLOPAC KUTIJE ZAŠTITNI 65	<ul style="list-style-type: none"> <li>- zaštitni poklopac za kutiju Ø65 za DE12</li> <li>- sukladno normi IEC 60670-1</li> <li>- zaštita kutije tijekom žbukanja</li> </ul>	
	DE22	POKLOPAC KUTIJE DEKORATIVNI SM60	<ul style="list-style-type: none"> <li>- dekorativni poklopac za kutije Ø60</li> <li>- sukladno normi IEC 60670-1</li> <li>- bez halogena</li> </ul>	

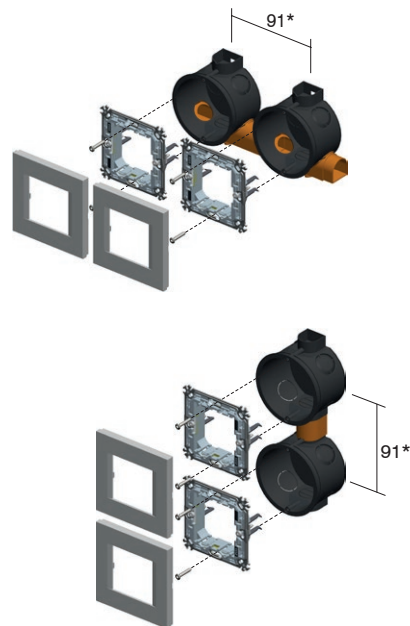
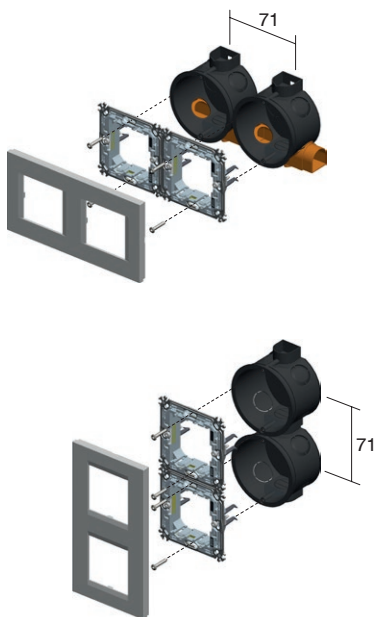
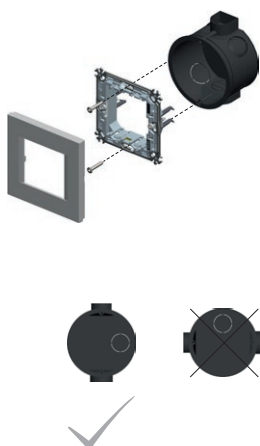


upute za ugradnju /  
assembly instructions

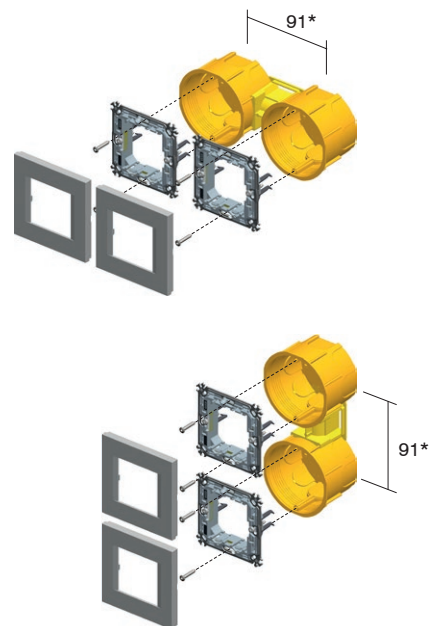
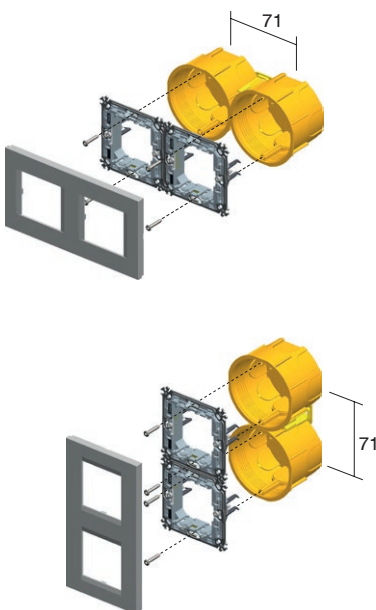
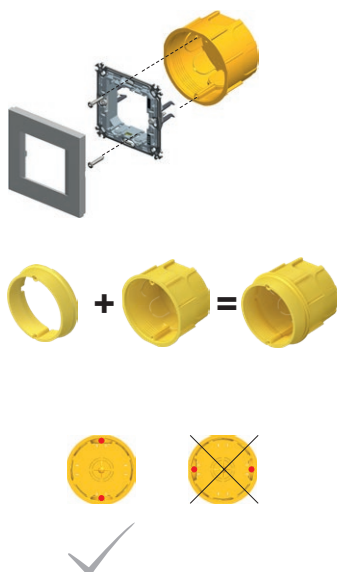
razmak između kutija /  
distance between boxes: 71mm

razmak između kutija /  
distance between boxes: 91mm

DE10,11



DE12,13



\* za okvire PURE, min. razmak između kutija je 100 mm  
\* for PURE cover plates the minimum distance between boxes is 100mm



R O U N D    B O X E S



DE10,11



DE12,13



NM20



NM24



DE10,11



DE12,13



NM10



DE10,11



DE12,13



NM23



71

2xDE10,11 + 2xDE31



2xNM20



2xDE12,13 + 1xDE32



2xNM24



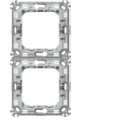
2xDE10,11    2xDE12,13 + 1xDE32



2xNM20



2xNM24



3xDE10,11 + 3xDE31



3xNM20



3xDE12,13 + 2xDE32



3xNM24



3xDE10,11    3xDE12,13 + 2xDE32



3xNM20



3xNM24



4xDE10,11 + 4xDE31



4xNM20



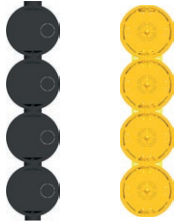
4xDE12,13 + 3xDE32



4xNM24



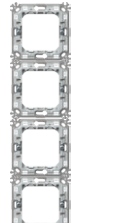
4xDE10,11    4xDE12,13 + 3xDE32



4xNM20



4xNM24



5xDE10,11



5xNM20



5xDE12,13 + 4xDE32



5xNM24



## KUTIJA OKRUGLA ZA ŠUPLJE ZIDOVE SM68x40

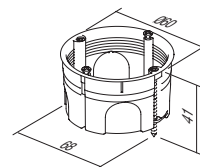


HE10

- Ø60, dubina 40mm
- ugradni promjer Ø68
- 850°C, 400V ~
- sukladno normi IEC 60670-1
- ugradnja s nožicama
- bez halogena
- pričvršćivanje nosača vijkom Ø 3 mm

*ROUND BOX HOLLOW WALL SM68x40*

- Ø60, depth 40mm
- cutting hole Ø68
- 850°C, 400V~
- in accordance with IEC 60670-1
- mounting with claws
- halogen free
- mounting the mounting frame with Ø 3 mm screws



## KUTIJA OKRUGLA ZA ŠUPLJE ZIDOVE SM68x55

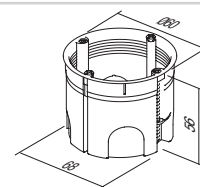


HE11

- Ø60, dubina 55mm
- ugradni promjer Ø68
- 850°C, 400V ~
- sukladno normi IEC 60670-1
- ugradnja s nožicama
- bez halogena
- pričvršćivanje nosača vijkom Ø 3 mm

*ROUND BOX HOLLOW WALL SM68x55*

- Ø60, depth 55mm
- cutting hole Ø68
- 850°C, 400V~
- in accordance with IEC 60670-1
- mounting with claws
- halogen free
- mounting the mounting frame with Ø 3 mm screws



## KUTIJA OKRUGLA ZA BETON

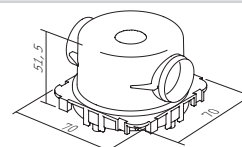


BE10

- Ø60 mm, dubina 49 mm
- 650°C, 500V ~
- sukladno normi IEC 60670-1
- bez halogena
- pričvršćivanje nosača vijkom Ø 3 mm

*ROUND BOX CONCRETE*

- Ø60mm, depth 49mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free
- mounting the mounting frame with Ø 3 mm screws



## KUTIJA OKRUGLA ZA BETON DUBOKA

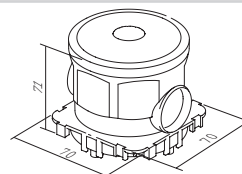


BE11

- Ø60 mm, dubina 58mm
- 650°C, 500V ~
- sukladno normi IEC 60670-1
- bez halogena
- pričvršćivanje nosača vijkom Ø 3 mm

*ROUND BOX CONCRETE DEEP*

- Ø60mm, depth 58mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free
- mounting the mounting frame with Ø 3 mm screws



## NOSAČ KUTIJE ZA BETON

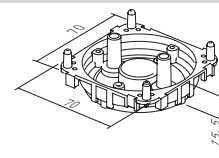


BE20

- za učvršćivanje doze dilatacijskim profilom BM82 u suprotni zid
- sukladno normi IEC 60670-1
- bez halogena

*COUNTER BOX SUPPORT CONCRETE*

- to support concrete boxes with discance profile BM82 for extreme loads
- in accordance with IEC 60670-1
- halogen free



## UVODNICA ZA KUTIJU ZA BETON 16

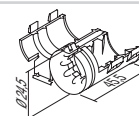


BE21

- za učvršćivanje instalacijske cijevi
- sukladno normi IEC 60670-1
- bez halogena

*PIPE STOPPER CONCRETE BOX 16*

- for firming installation pipe to box
- in accordance with IEC 60670-1
- halogen free



R O U N D B O X E S

šuplji zidovi / hollow walls



beton / concrete

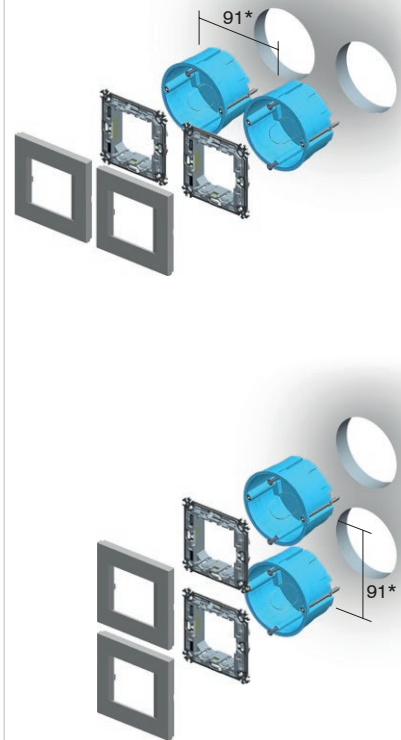
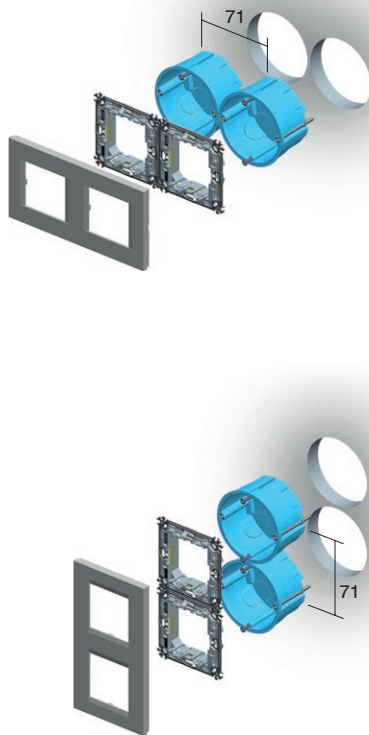
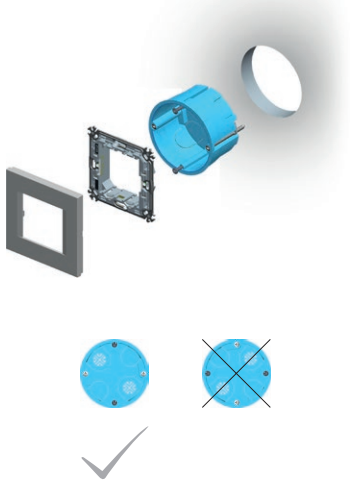


upute za ugradnju /  
assembly instructions

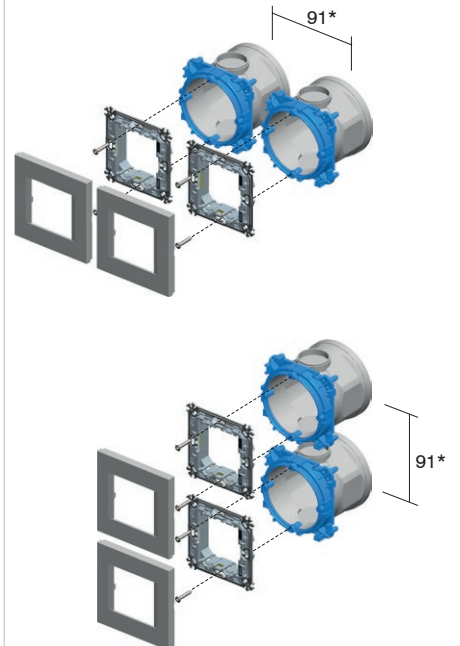
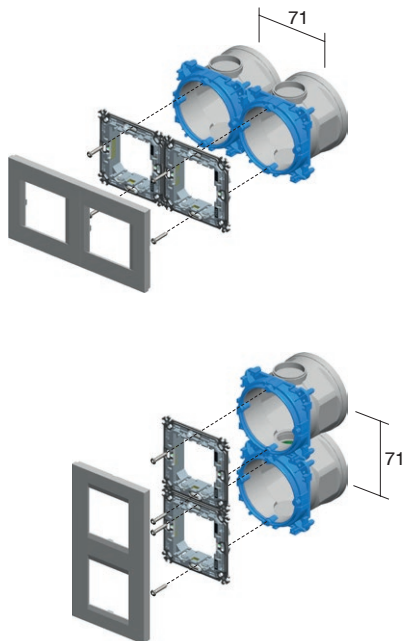
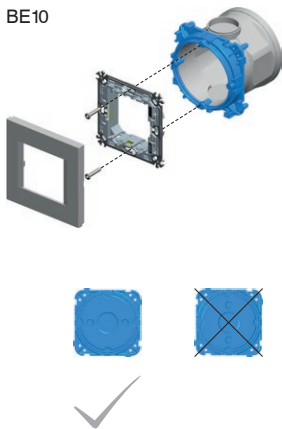
razmak između kutija /  
distance between boxes: 71mm

razmak između kutija /  
distance between boxes: 91mm

HE10,11



BE10



\* za okvire PURE, min. razmak između kutija je 100 mm

\* for PURE cover plates the minimum distance between boxes is 100mm

# K U T I J E O K R U G L E

šuplji zidovi / hollow walls



beton / concrete



HE10,11



BE10,11



NM21



NM25



2M

HE10,11



BE10,11



NM11



1/2M

2xHE10,11



2xBE10,11



2xNM21



2xNM25



2x2M

HE10,11



BE10,11



NM32



2/3M

2xHE10,11



2xBE10,11



2xNM21



2xNM25



5xHE10,11



5xNM21



5xBE10,11



5xNM25



5x2M

3xHE10,11



3xBE10,11



3xNM21



3xNM25



3x2M

3xHE10,11



3xBE10,11



3xNM21



3xNM25



4xHE10,11



4xBE10,11



4xNM21



4xNM25



4x2M

4xHE10,11



4xBE10,11



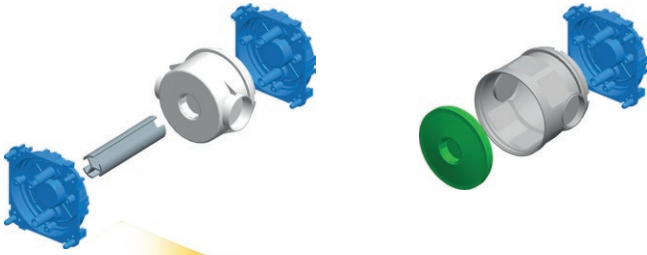
4xNM21



4xNM25

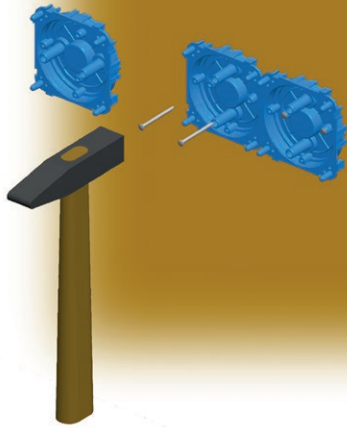


## R O U N D    B O X E S

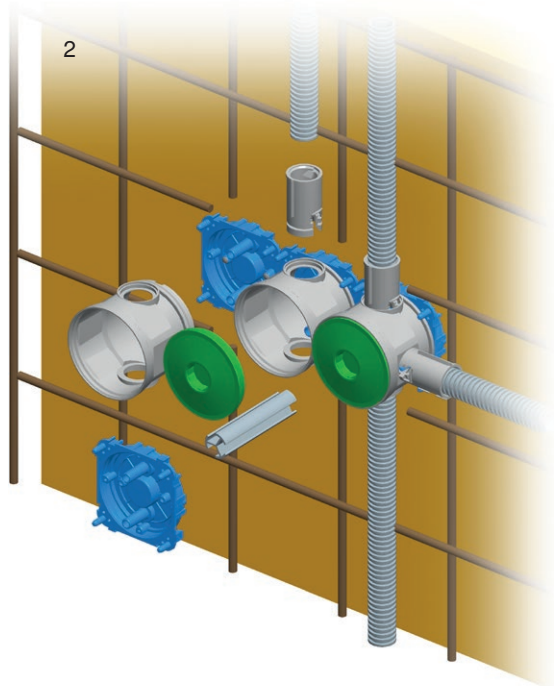


upute za ugradnju /  
assembly instructions

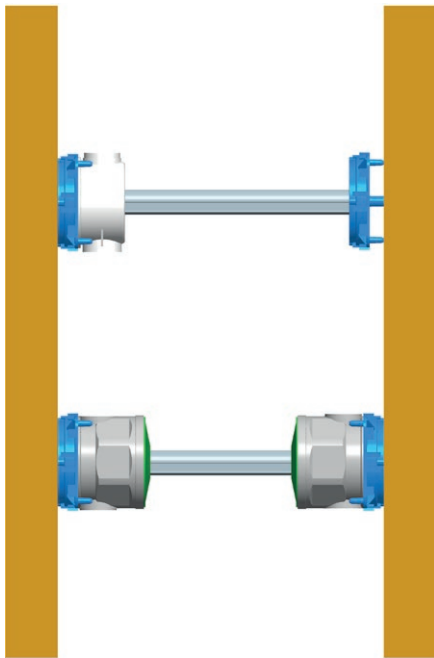
1



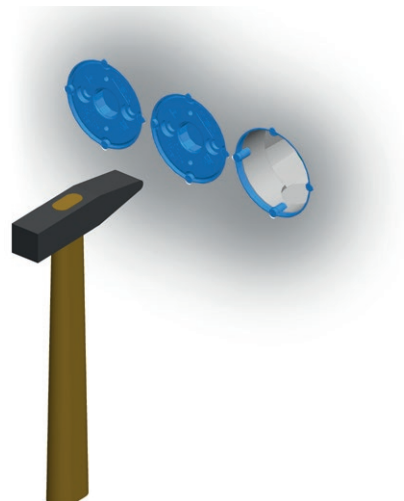
2



3



4



# K U T I J E P R A V O K U T N E



DM30



HM30



BM30

tip type	naziv description	veličina size
DM30	KUTIJA PRAVOKUTNA ZA ZID OD OPEKE <i>RECTANGULAR BOX BRICK</i>	PM3
HM30	KUTIJA PRAVOKUTNA ZA ŠUPLJE ZIDOVE <i>RECTANGULAR BOX HOLLOW WALL</i>	VM3
BM30	KUTIJA PRAVOKUTNA ZA BETON <i>RECTANGULAR BOX CONCRETE</i>	BM3
...	...	...

## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM3

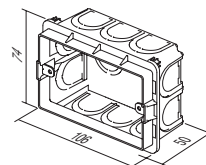


DM30

- veličina 3M, dubina 49 mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### *RECTANGULAR BOX BRICK PM3*

- size 3M, depth 49mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM3-65

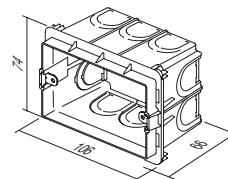


DM31

- veličina 3M, dubina 65mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### *RECTANGULAR BOX BRICK PM3-65*

- size 3M, depth 65mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM4

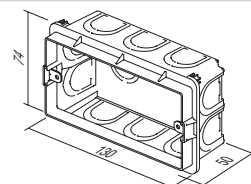


DM40

- veličina 4M, dubina 49 mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### *RECTANGULAR BOX BRICK PM4*

- size 4M, depth 49mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM4-65

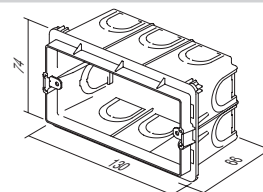


DM41

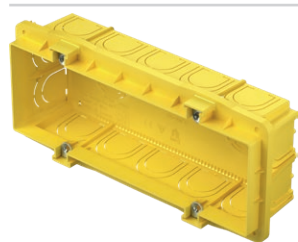
- veličina 4M, dubina 65mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### *RECTANGULAR BOX BRICK PM4-65*

- size 4M, depth 65mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## R E C T A N G U L A R   B O X E S



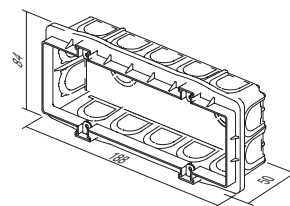
DM70

## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM7

- veličina 7M, dubina 49 mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

## RECTANGULAR BOX BRICK PM7

- size 7M, depth 49mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



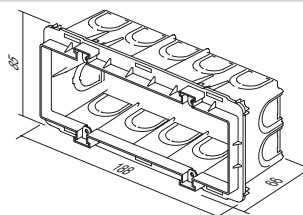
DM71

## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM7-65

- veličina 7M, dubina 65mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

## RECTANGULAR BOX BRICK PM7-65

- size 7M, depth 65mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



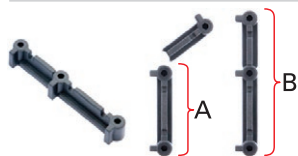
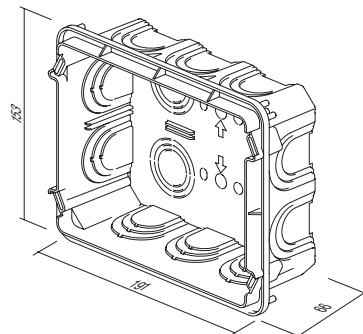
DM72

## KUTIJA PRAVOKUTNA ZA ZID OD OPEKE PM72-65

- veličina 2x7M, dubina 64mm
- 650°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

## RECTANGULAR BOX BRICK PM72-65

- size 2x7M, depth 64mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



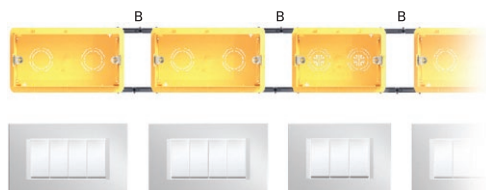
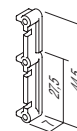
DM80

## VEZNI ČLAN KUTIJE PM

- za okomito (A) i vodoravno (B) povezivanje kutija PM3, PM4 i PM7
- prikladan za dekorativne okvire Line i Soft (nije prikladan za PURE)

## DISTANCE PIECE FOR BOX PM

- for vertical (A) and horizontal (B) fitting of boxes PM3, PM4 and PM7
- suitable for Line and Soft decorative cover plates (not for PURE)



# K U T I J E P R A V O K U T N E

## POKLOPAC KUTIJE ZAŠTITNI PM3

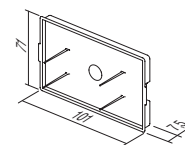


DM33

- zaštitni poklopac za kutiju PM3
- sukladno normi IEC 60670-1
- bez halogena
- zaštita kutije tijekom žbukanja

### BOX COVER PROTECTIVE PM3

- protective cover for box PM3
- in accordance with IEC 60670-1
- halogen free
- box protection during plastering



## POKLOPAC KUTIJE DEKORATIVNI PM3

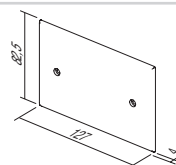


DM34

- dekorativni poklopac za kutije 3M
- vijci priloženi
- sukladno normi IEC 60670-1
- bez halogena

### BOX COVER DECORATIVE PM3

- decorative cover for boxes 3M
- screws are included
- in accordance with IEC 60670-1
- halogen free



## POKLOPAC KUTIJE ZAŠTITNI PM4

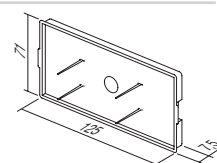


DM43

- zaštitni poklopac za kutiju PM4
- sukladno normi IEC 60670-1
- bez halogena
- zaštita kutije tijekom žbukanja

### BOX COVER PROTECTIVE PM4

- protective cover for box PM4
- in accordance with IEC 60670-1
- halogen free
- box protection during plastering



## POKLOPAC KUTIJE DEKORATIVNI PM4

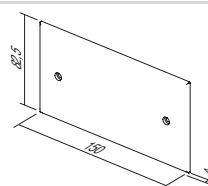


DM44

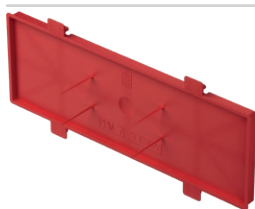
- dekorativni poklopac za kutije 4M
- vijci priloženi
- sukladno normi IEC 60670-1
- bez halogena

### BOX COVER DECORATIVE PM4

- decorative cover for boxes 4M
- screws are included
- in accordance with IEC 60670-1
- halogen free



## POKLOPAC KUTIJE ZAŠTITNI PM7

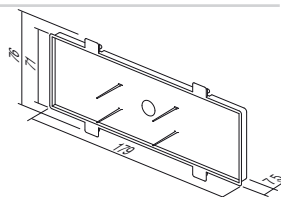


DM73

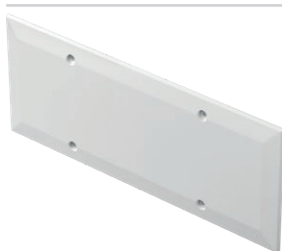
- zaštitni poklopac za kutiju PM7
- sukladno normi IEC 60670-1
- bez halogena
- zaštita kutije tijekom žbukanja

### BOX COVER PROTECTIVE PM7

- protective cover for box PM7
- in accordance with IEC 60670-1
- halogen free
- box protection during plastering



## POKLOPAC KUTIJE DEKORATIVNI PM7

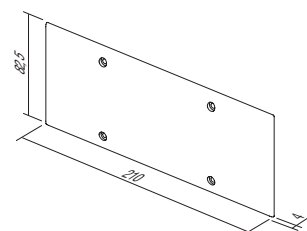


DM74

- dekorativni poklopac za kutije 7M
- vijci priloženi
- sukladno normi IEC 60670-1
- bez halogena

### BOX COVER DECORATIVE PM7

- decorative cover for boxes 7M
- screws are included
- in accordance with IEC 60670-1
- halogen free





## R E C T A N G U L A R   B O X E S



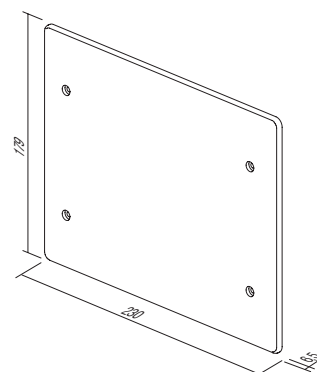
DM75

## POKLOPAC KUTIJE DEKORATIVNI PM72

- dekorativni poklopac za kutije 2x7M
- vijci priloženi
- sukladno normi IEC 60670-1

*BOX COVER DECORATIVE PM72*

- decorative cover for boxes 2x7M
- screws are included
- in accordance with IEC 60670-1



# K U T I J E P R A V O K U T N E

## KUTIJA PRAVOKUTNA ZA ŠUPLJE ZIDOVE VM3

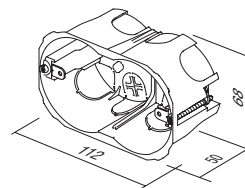


HM30

- veličina 3M, dubina 49 mm
- ugradni promjer 2xØ68/45mm
- 850°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### RECTANGULAR BOX HOLLOW WALL VM3

- size 3M, depth 49mm
- cutting hole 2xØ68/45mm
- 850°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## KUTIJA PRAVOKUTNA ZA ŠUPLJE ZIDOVE VM4

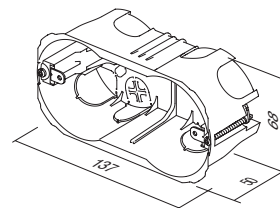


HM40

- veličina 4M, dubina 49 mm
- ugradni promjer 2xØ68/70mm
- 850°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### RECTANGULAR BOX HOLLOW WALL VM4

- size 4M, depth 49mm
- cutting hole 2xØ68/70mm
- 850°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## KUTIJA PRAVOKUTNA ZA ŠUPLJE ZIDOVE VM7

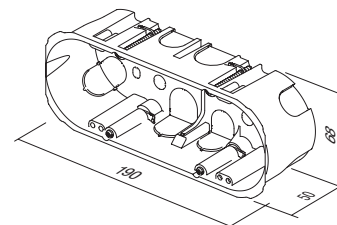


HM70

- veličina 7M, dubina 49 mm
- ugradni promjer 2xØ68/120mm
- 850°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### RECTANGULAR BOX HOLLOW WALL VM7

- size 7M, depth 49mm
- cutting hole 2xØ68/120mm
- 850°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## KUTIJA PRAVOKUTNA ZA ŠUPLJE ZIDOVE VM72

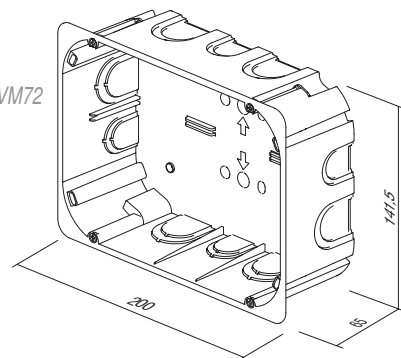


HM72


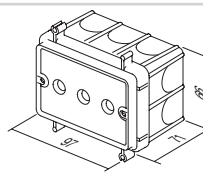

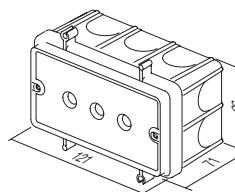

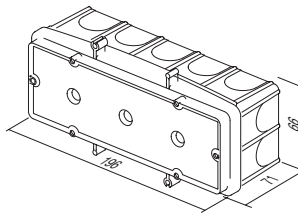

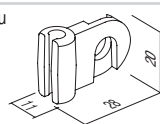

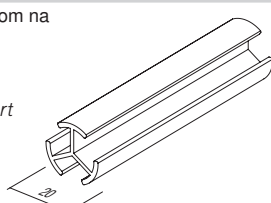
- veličina 2x7M, dubina 63mm
- 850°C, 400V ~
- sukladno normi IEC 60670-1
- bez halogena

### RECTANGULAR BOX HOLLOW WALL VM72

- size 2x7M, depth 63mm
- 850°C, 400V~
- in accordance with IEC 60670-1
- halogen free



## R E C T A N G U L A R   B O X E S

	<b>BM30</b>	<b>PRAVOKUTNA KUTIJA ZA BETON BM3</b> - veličina 3M, dubina 60mm - 650°C, 400V ~ - sukladno normi IEC 60670-1 - bez halogena <i>RECTANGULAR BOX CONCRETE BM3</i> - size 3M, depth 60mm - 650°C, 400V ~ - in accordance with IEC 60670-1 - halogen free	
	<b>BM40</b>	<b>PRAVOKUTNA KUTIJA ZA BETON BM4</b> - veličina 4M, dubina 60mm - 650°C, 400V ~ - sukladno normi IEC 60670-1 - bez halogena <i>RECTANGULAR BOX CONCRETE BM4</i> - size 4M, depth 60mm - 650°C, 400V ~ - in accordance with IEC 60670-1 - halogen free	
	<b>BM70</b>	<b>PRAVOKUTNA KUTIJA ZA BETON BM7</b> - veličina 7M, dubina 60mm - 650°C, 400V ~ - sukladno normi IEC 60670-1 - bez halogena <i>RECTANGULAR BOX CONCRETE BM7</i> - size 7M, depth 60mm - 650°C, 400V ~ - in accordance with IEC 60670-1 - halogen free	
	<b>BM80</b>	<b>PRIČVRSNI KOMBI-DRŽAČ BM</b> - za brzo pričvršćivanje pravokutnih kutija BM na armiranu betonsku šipku - prikladno za šipku promjera do Ø8 mm <i>FIXING COMBI-CLIP BM</i> - for fast fixation of BM rectangular boxes on reinforcing bar - suitable for bar diameter up to Ø8mm	
	<b>BM82</b>	<b>VEZNI PROFIL ZA KUTIJE BM</b> - za podupiranje kutija BM s odgovarajućom kutijom na nasuprotnom zidu - duljina l = 1 m, promjer Ø20 mm <i>DISTANCE PROFIL FOR BOXES BM</i> - to support boxes BM with counter box support on opposite wall - length l=1m, diameter Ø20mm	

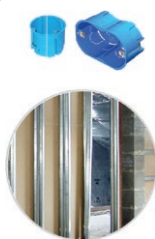
# K U T I J E P R A V O K U T N E



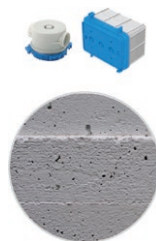
cigla / brick



šuplji zidovi / hollow walls

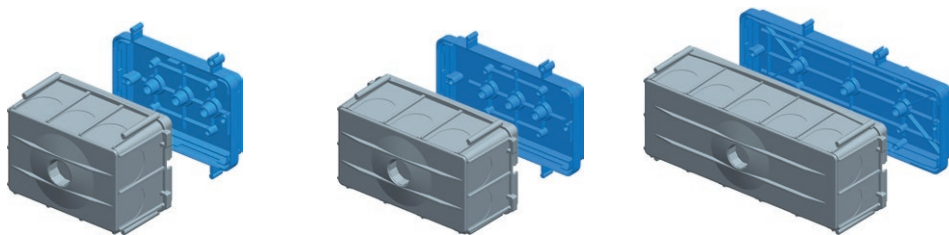


beton / concrete



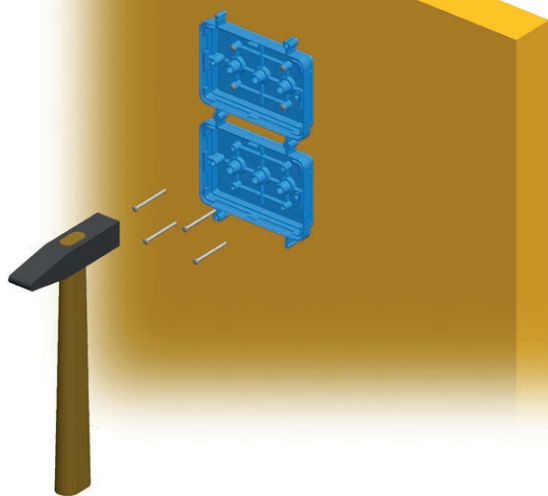
DM30			<b>3M</b>
HM30			
BM30			
DM40			<b>4M</b>
HM40			
BM40			
DM70			<b>7M</b>
HM70			
BM70			
DM72			<b>2x7M</b>
HM72			
DM30			<b>2/3M</b>
HM30			
BM30			

## R E C T A N G U L A R   B O X E S

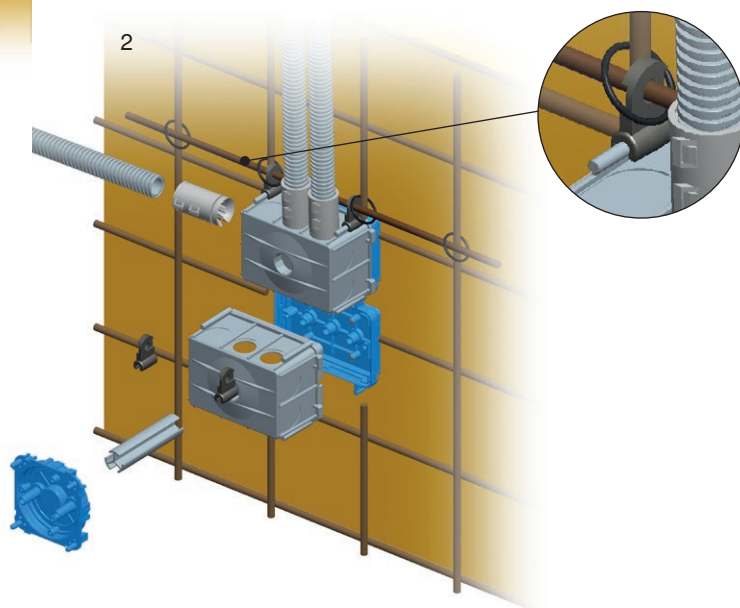


upute za ugradnju /  
assembly instructions

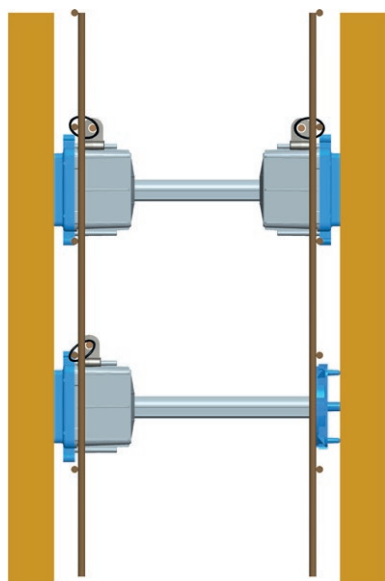
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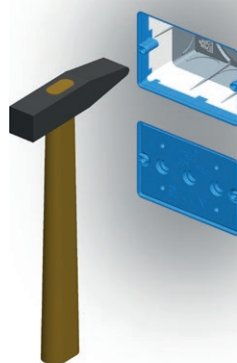
2



3



4



# K U T I J E P R I K L J U Č N E

## KUTIJA PRIKLJUČNA OKRUGLA ZA ZID OD OPEKE DSM78

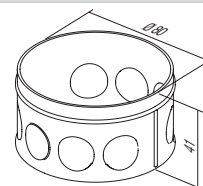


DW10

- Ø78, dubina 40mm
- 650°C, 500V ~
- sukladno normama IEC 60670-1 i IEC 60670-22
- bez halogena

### CONNECTION ROUND BOX BRICK DSM78

- Ø78, depth 40mm
- 650°C, 500V ~
- in accordance with IEC 60670-1 and IEC 60670-22
- halogen free



## KUTIJA PRIKLJUČNA OKRUGLA ZA ŠUPLJE ZIDOVE SM78x45

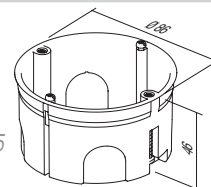


HW10

- Ø78, dubina 45mm
- ugradni promjer Ø80
- 850°C, 400V ~
- sukladno normama IEC 60670-1 i IEC 60670-22
- ugradnja s nožicama
- bez halogena

### CONNECTION ROUND BOX HOLLOW WALL SM78x45

- Ø78, depth 45mm
- cutting hole Ø80
- 850°C, 400V ~
- in accordance with IEC 60670-1 and IEC 60670-22
- mounting with claws
- halogen free



## POKLOPAC KUTIJE DEKORATIVNI SM78

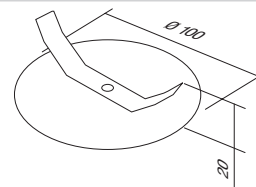


DE23

- dekorativni poklopac za kutije Ø78
- sukladno normama IEC 60670-1 i IEC 60670-22
- bez halogena

### BOX COVER DECORATIVE SM78

- decorative cover for boxes Ø78
- in accordance with IEC 60670-1 and IEC 60670-22
- halogen free



## POKLOPAC KUTIJE ZAŠTITNI 78

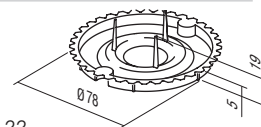


DE24

- zaštitni poklopac za kutije Ø78
- sukladno normama IEC 60670-1 i IEC 60670-22
- bez halogena

### BOX COVER PROTECTIVE 78

- protective cover for box Ø78
- in accordance with IEC 60670-1 and IEC 60670-22
- halogen free



## KUTIJA PRIKLJUČNA ČETVRTASTA ZA ZID OD OPEKE SM105x105

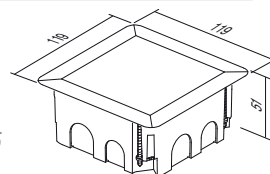


HW20

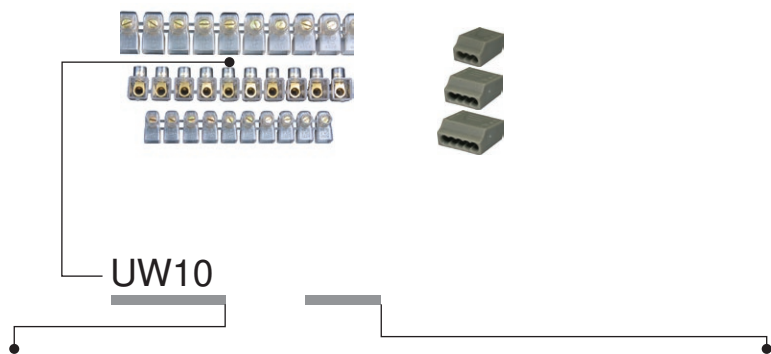
- veličina 105x105mm, dubina 50mm
- ugradnja u rupu prema priloženoj šabloni
- 850°C, 400V ~
- sukladno normama IEC 60670-1 i IEC 60670-22
- ugradnja s nožicama
- bez halogena

### CONNECTION SQUARE BOX BRICK SM105x105

- size 105x105mm, depth 50mm
- cutting hole according to attached template
- 850°C, 400V ~
- in accordance with IEC 60670-1 and IEC 60670-22
- mounting with claws
- halogen free







tip type	naziv description	tehnički podaci technical data	veličina size	boja colour
UW10	JEDNOREDNE STEZALJKE 1 ROW TERMINAL BLOCKS	2x2.5mm <sup>2</sup>	10P	<input checked="" type="checkbox"/> TS transparentna transparent
UW11	JEDNOREDNE STEZALJKE 1 ROW TERMINAL BLOCKS	2x4mm <sup>2</sup>	10P	<input checked="" type="checkbox"/> CO boja colour
UW12	JEDNOREDNE STEZALJKE 1 ROW TERMINAL BLOCKS	2x6mm <sup>2</sup>	10P	<input type="checkbox"/> WH bijela white
·	·	·	·	<input type="checkbox"/> GY siva grey

### JEDNOREDNE STEZALJKE ZATVORENE

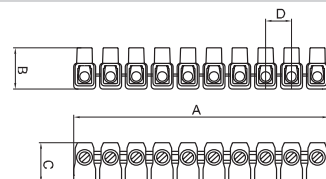


- 450V~; 2x2.5mm<sup>2</sup> ÷ 2x6mm<sup>2</sup>  
- termoplast PC, prozime  
- broj polova: 10

#### 1 ROW TERMINAL BLOCKS CLOSED

- 450V~; 2x2.5mm<sup>2</sup> ÷ 2x6mm<sup>2</sup>  
- thermoplast PC, transparent  
- number of poles: 10

UW10TS	(NS12)	2x2.5mm <sup>2</sup>	10P
UW11TS	(NS12)	2x4mm <sup>2</sup>	10P
UW12TS	(NS12)	2x6mm <sup>2</sup>	10P



	A	B	C	D
2x2.5 □	110	17.5	17.5	11
2x4 □	128	21	19	12.5
2x6 □	146	21.5	22	15

### JEDNOREDNE STEZALJKE

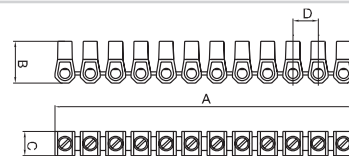


- 450V~; 2x2.5mm<sup>2</sup> ÷ 2x6mm<sup>2</sup>  
- termoplast PA  
- dostupne u raznim bojama  
- broj polova: 12

#### 1 ROW TERMINAL BLOCKS

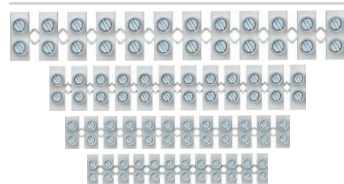
- 450V~; 2x2.5mm<sup>2</sup> ÷ 2x6mm<sup>2</sup>  
- thermoplast PA  
- available in different colours  
- number of poles: 12

UW15CO	(NS12)	2x2.5mm <sup>2</sup>	12P
UW16CO	(NS12)	2x4mm <sup>2</sup>	12P
UW17CO	(NS12)	2x6mm <sup>2</sup>	12P



	A	B	C	D
2x2.5 □	110	16.4	9	10
2x4 □	118.8	19	10	10
2x6 □	129.8	21.3	11	11.8

### DVOREDNE STEZALJKE PP



- 450 V~; 1 mm<sup>2</sup> ÷ 16 mm<sup>2</sup>  
- termoplast polipropilen PP, bijele  
- za upotrebu do 80 °C  
- broj polova: 12

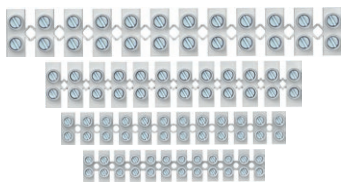
#### 2 ROW TERMINAL BLOCKS PP

- 450V~; 1mm<sup>2</sup> ÷ 16mm<sup>2</sup>  
- thermoplast polypropylene PP, white  
- for temperatures up to 80°C  
- number of poles: 12



					A	B	C	D	E
UW29WHPP	1.0-4.0mm <sup>2</sup>	24 A	450 V		94,9	13	16,6	8,1	6,4
UW30WHPP	1.5-6.0mm <sup>2</sup>	32 A	450 V		116,5	14,9	18,9	10	7,3
UW31WHPP	2.5-10mm <sup>2</sup>	41 A	450 V		133,8	17,3	23,4	11,5	10
UW32WHPP	4-16mm <sup>2</sup>	76 A	450 V		174,5	20,7	25	15	11

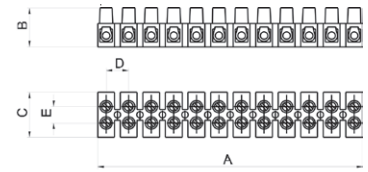


**DVOREDNE STEZALJKE PA**

- 450 V~; 1 mm<sup>2</sup> ÷ 16 mm<sup>2</sup>
- termoplast poliamid PA, bijele
- za upotrebu do 110 °C
- broj polova: 12

**2 ROW TERMINAL BLOCKS PA**

- 450V~; 1mm<sup>2</sup> ÷ 16mm<sup>2</sup>
- thermoplast polyamide PA, white
- for temperatures up to 110°C
- number of poles: 12



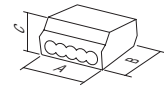
					A	B	C	D	E
UW25WHPA	1.0-4.0mm <sup>2</sup>	24 A	450 V		93,6	13,4	16,2	8	6,4
UW26WHPA	1.5-6.0mm <sup>2</sup>	32 A	450 V		117	15	18,6	10	7,3
UW27WHPA	2.5-10mm <sup>2</sup>	41 A	450 V		132,8	17,3	22,2	11,5	10
UW28WHPA	4-16mm <sup>2</sup>	76 A	450 V		173,9	20,8	25,2	15	11

**BEZVIJČANE REDNE STEZALJKE**

- 24A 450V~, termoplast PA, sive
- broj polova: 3÷8
- bezvičani kontakti 0,5 ÷ 1,5 mm<sup>2</sup>, za tvrde žice
- sukladno normi EN 60998-1

**PLUG-IN WIRE CONNECTORS**

- 24A 450V~, thermoplast PA, grey
- number of poles: 3÷8
- plug-in contacts 0.5÷1.5mm<sup>2</sup>, for rigide wires
- in accordance with EN 60998-1



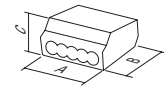
UW40GY	PC153	1.5mm <sup>2</sup>	3P	3P	A 12	B 18	C 9
UW41GY	PC155	1.5mm <sup>2</sup>	5P	5P	17	18	9
UW42GY	PC158	1.5mm <sup>2</sup>	8P	8P	26	18	9

**BEZVIJČANE REDNE STEZALJKE**

- 24A 450V~, termoplast PA, sive
- broj polova: 3÷5
- bezvičani kontakti 1,5 ÷ 2,5 mm<sup>2</sup>, za tvrde žice
- sukladno normi EN 60998-1

**PLUG-IN WIRE CONNECTORS**

- 24A 450V~, thermoplast PA, grey
- number of poles: 3÷5
- plug-in contacts 1.5÷2.5mm<sup>2</sup>, for rigide wires
- in accordance with EN 60998-1



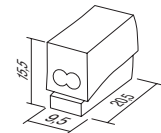
UW45GY	PC253	2.5mm <sup>2</sup>	3P	3P	A 14	B 19	C 9
UW46GY	PC254	2.5mm <sup>2</sup>	4P	4P	17	19	9
UW47GY	PC255	2.5mm <sup>2</sup>	5P	5P	21	19	9

**BEZVIJČANE REDNE STEZALJKE**

- 24A 450V~, termoplast PA, sive
- broj polova: 2 (tvrda žica) + 1 (meko žica)
- bezvičani kontakti 1,5 ÷ 2,5mm<sup>2</sup>
- sukladno normi EN 60998-1

**PLUG-IN WIRE CONNECTOR**

- 24A 450V~, thermoplast PA, grey
- number of poles: 2 (rigide wire)+1 (soft wire)
- plug-in contacts 1.5÷2.5mm<sup>2</sup>
- in accordance with EN 60998-1



UW50WH	PC302	2.5mm <sup>2</sup>	2/1P				
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MODUL  
PURE

148

149

151

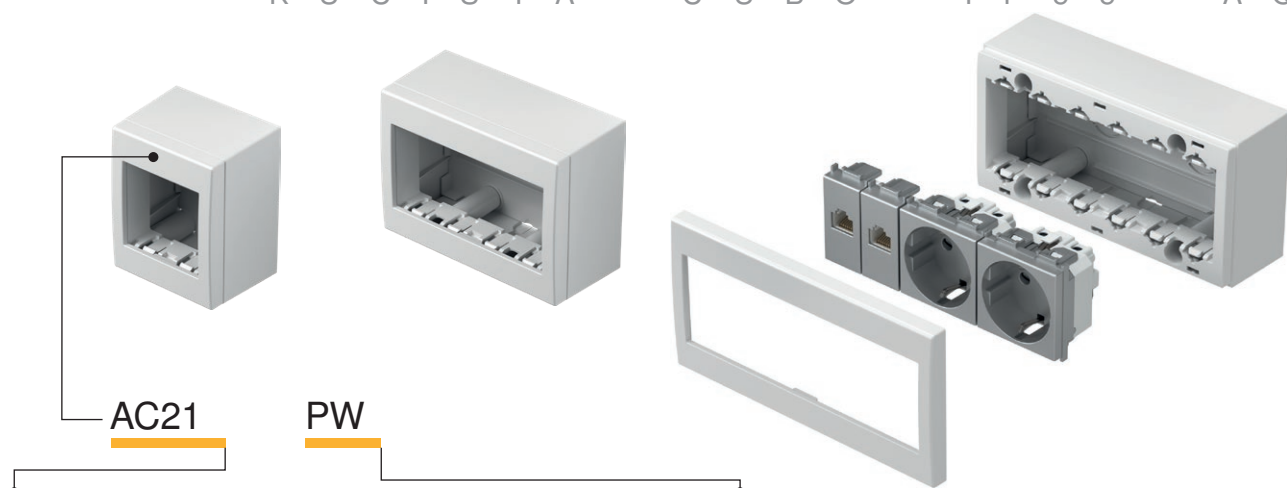
156

# DISTRIBUCIJA



**TEM**





tip type	naziv description	tehnički podaci technical data	veličina size	boja colour
AC11	NADŽBUKNA KUTIJA SA STRAŽNJIM POKLOPCEM SURFACE MOUNT BOX WITH BACK SIDE COVER	IP20	1M	<input type="checkbox"/> PW bijela sjajna polar white <input type="checkbox"/> ES srebrna mat elox silver <input type="checkbox"/> IW bež sjajna ivory white
AC21	NADŽBUKNA KUTIJA SA STRAŽNJIM POKLOPCEM SURFACE MOUNT BOX WITH BACK SIDE COVER	IP20	2M	<input type="checkbox"/> PW bijela sjajna polar white <input type="checkbox"/> ES srebrna mat elox silver <input type="checkbox"/> IW bež sjajna ivory white
AC41	NADŽBUKNA KUTIJA SA STRAŽNJIM POKLOPCEM SURFACE MOUNT BOX WITH BACK SIDE COVER	IP20	4M	<input type="checkbox"/> PW bijela sjajna polar white <input type="checkbox"/> ES srebrna mat elox silver <input type="checkbox"/> IW bež sjajna ivory white

## KUTIJA NO CUBO SA STRAŽNJIM POKLOPCEM IP20 1M



- AC11PW
- AC11ES
- AC11IW

- kutija IP20 1M
- za nadžbukno pričvršćivanje elemenata
- prikladno za SM sklopke
- sukladno normi EN 60669-1

## BOX NO CUBO WITH BACK SIDE COVER IP20 1M

- box IP20 1M
- for surface mounting of elements
- suitable to SM switches
- in accordance with EN 60669-1



## KUTIJA NO CUBO SA STRAŽNJIM POKLOPCEM IP20 2M



- AC21PW
- AC21ES
- AC21IW

- kutija IP20 2M
- za nadžbukno pričvršćivanje elemenata
- sukladno normama EN 60669-1, EN60884-1

## BOX NO CUBO WITH BACK SIDE COVER IP20 2M

- box IP20 2M
- for surface mounting of elements
- in accordance with EN 60669-1, EN60884-1



## KUTIJA NO CUBO SA STRAŽNJIM POKLOPCEM IP20 4M



- AC41PW
- AC41ES
- AC41IW

- kutija IP20 4M
- za nadžbukno pričvršćivanje elemenata
- sukladno normama EN 60669-1, EN60884-1

## BOX NO CUBO WITH BACK SIDE COVER IP20 4M

- box IP20 4M
- for surface mounting of elements
- in accordance with EN 60669-1, EN60884-1



## KUTIJA NO CUBO SA STRAŽNJIM POKLOPCEM IP20 6M

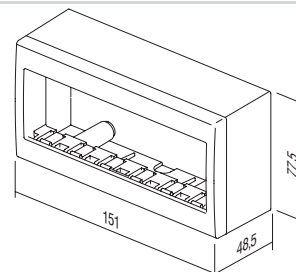
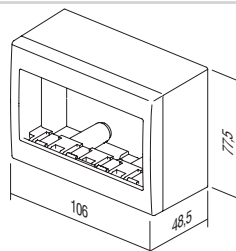
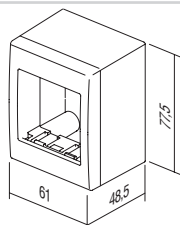
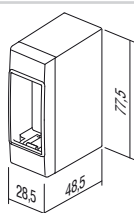


- AC61PW
- AC61ES
- AC61IW

- kutija IP20 6M
- za nadžbukno pričvršćivanje elemenata
- sukladno normama EN 60669-1, EN60884-1

## BOX NO CUBO WITH BACK SIDE COVER IP20 6M

- box IP20 6M
- for surface mounting of elements
- in accordance with EN 60669-1, EN60884-1



## B O X E S C U B O I P 5 5 A Q



AQ30

PW

tip type	naziv description	tehnički podaci technical data	veličina size	boja colour
AQ20	VANJSKA NADŽBUKNA KUTIJA OUTDOOR SURFACE MOUNT BOX	IP55	2M	<input type="checkbox"/> PW bijela sjajna polar white
AQ22	VANJSKA NADŽBUKNA KUTIJA OUTDOOR SURFACE MOUNT BOX	IP55	2x2M	<input checked="" type="checkbox"/> GY siva grey
AQ30	VANJSKA NADŽBUKNA KUTIJA OUTDOOR SURFACE MOUNT BOX	IP55	3M	
AQ31	VANJSKA NADŽBUKNA KUTIJA OUTDOOR SURFACE MOUNT BOX	IP55	3M	

## KUTIJA NO CUBO IP55 2M



- AQ20PW  
 AQ20GY

- kutija IP55 2M
- za nadžbukno pričvršćivanje
- IP55 za ugradnju u vlažnom prostoru
- sukladno normama CEI 23-48, EN 60670

## BOX NO CUBO IP55 2M

- box IP55 2M
- for surface mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670



## KUTIJA NO CUBO IP55 2x2M



- AQ22PW  
 AQ22GY

- kutija IP55 2x2M
- za nadžbukno pričvršćivanje
- IP55 za ugradnju u vlažnom prostoru
- sukladno normama CEI 23-48, EN 60670

## BOX NO CUBO IP55 2x2M

- box IP55 2x2M
- for surface mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670



## KUTIJA NO CUBO IP55 3M



- AQ30PW  
 AQ30GY

- kutija IP55 3M
- za nadžbukno pričvršćivanje
- IP55 za ugradnju u vlažnom prostoru
- sukladno normama CEI 23-48, EN 60670

## BOX NO CUBO IP55 3M

- box IP55 3M
- for surface mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670





- AQ21PW
- AQ21AT

**KUTIJA PO CUBO IP55 2M**

- kutija IP55 2M
- moguće kombinacije sa svim funkcijskim elementima Modul
- za podžbukno pričvršćivanje
- IP55 za ugradnju u vlažnom prostoru
- sukladno normama CEI 23-48, EN 60670

*BOX PO CUBO IP55 2M*

- box IP55 2M
- can be combined with all Modul functional elements
- for flush mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670



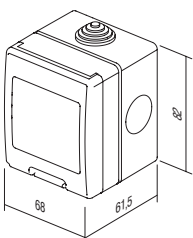
- AQ31PW
- AQ31GY

**KUTIJA PO CUBO IP55 3M**

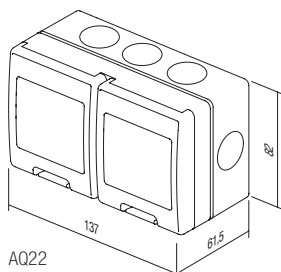
- kutija IP55 3M
- za podžbukno pričvršćivanje
- IP55 za ugradnju u vlažnom prostoru
- sukladno normama CEI 23-48, EN 60670

*BOX PO CUBO IP55 3M*

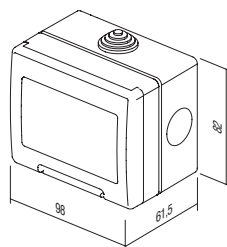
- box IP55 3M
- for flush mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670



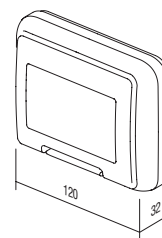
AQ20



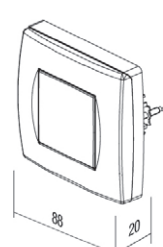
AQ22



AQ30

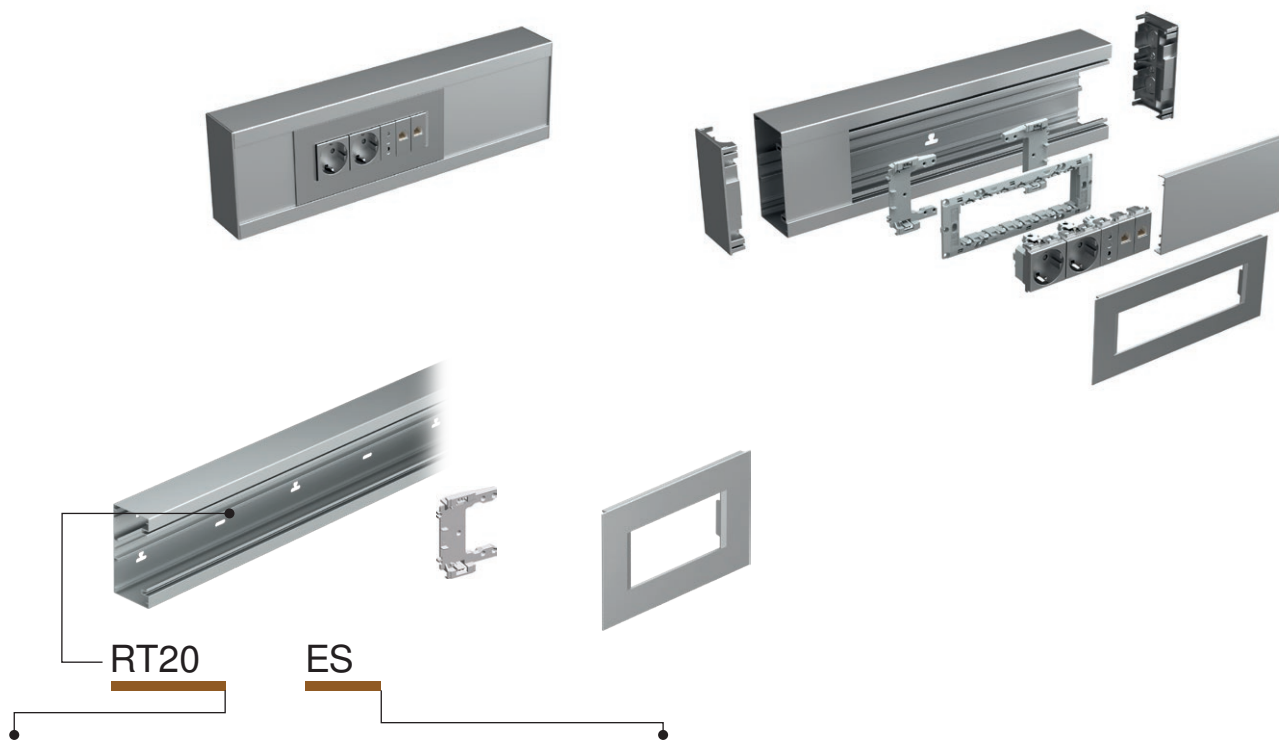


AQ31



AQ21

## TRUNKING SYSTEM ALUMINIUM



tip type	naziv description	veličina size	boja colour
RT10	ADAPTER MA 92 ADAPTER MA 92	/	■ ES srebrna mat elox silver-mat
RT12	POKLOPAC MA 92 COVER PLATE MA 92	2/3M	□ PW bijela mat (RAL 9016) white-mat
RT14	POKLOPAC MA 92 COVER PLATE MA 92	4M	
⋮	⋮	⋮	
⋮	⋮	⋮	

## ADAPTER MA 92

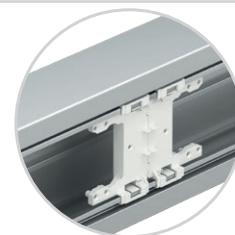


RT10

- adapter za pričvršćivanje nosača 2/3M, 4M ili 7M na kanal MA bez kutije
- za svaki su nosač potrebna dva adaptera
- sukladno normi EN 50085-1

## ADAPTER MA 92

- adapter for fixing mounting frames 2/3M, 4M or 7M on MA trunking without box
- each mounting frame needs two adapters
- in accordance with EN 50085-1



## POKLOPAC MA 92 2/3M

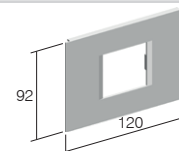


■ RT12ES  
□ RT12PW

- dekorativni poklopac MA 2/3M
- sukladno normi EN 50085-1

## COVER PLATE MA 92 2/3M

- decorative cover plate MA 2/3M
- in accordance with EN 50085-1



## POKLOPAC MA 92 4M

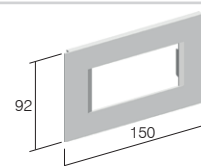


■ RT14ES  
□ RT14PW

- dekorativni poklopac MA 4M
- sukladno normi EN 50085-1

## COVER PLATE MA 92 4M

- decorative cover plate MA 4M
- in accordance with EN 50085-1



## POKLOPAC MA 92 7M

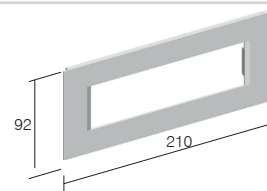


■ RT17ES  
□ RT17PW

- dekorativni poklopac MA 7M
- sukladno normi EN 50085-1

## COVER PLATE MA 92 7M

- decorative cover plate MA 7M
- in accordance with EN 50085-1



### OSNOVA KANALA MA 130x65

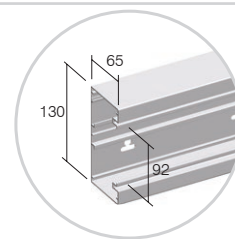


- RT20ES
- RT20PW

- osnova kanala od ekstrudiranog aluminija
- visina 130 mm, duljina 2 m
- DIN tračnica 35 mm na dnu
- sukladno normi EN 50085-1

#### TRUNKING BASE MA 130x65

- trunking base from extruded aluminium
- height 130mm, length 2m
- DIN - rail 35mm shape on bottom
- in accordance with EN 50085-1



### OSNOVA KANALA MA 165x65

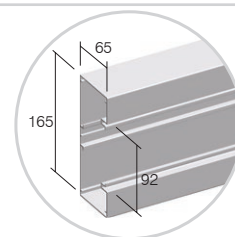


- RT21ES
- RT21PW

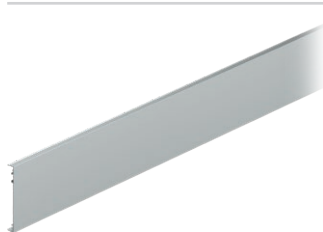
- osnova kanala od ekstrudiranog aluminija
- visina 165mm, duljina 2 m
- DIN tračnica 35 mm na dnu
- sukladno normi EN 50085-1

#### TRUNKING BASE MA 165x65

- trunking base from extruded aluminium
- height 165mm, length 2m
- DIN - rail 35mm shape on bottom
- in accordance with EN 50085-1



### POKLOPAC KANALA MA 92

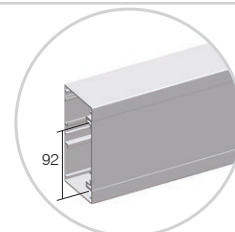


- RT25ES
- RT25PW

- poklopac kanala od ekstrudiranog aluminija
- visina 92mm, duljina 2 m
- sukladno normi EN 50085-1

#### FRONT COVER MA 92

- front cover from extruded aluminium
- height 92mm, length 2m
- in accordance with EN 50085-1



### PREGRADA MA 43

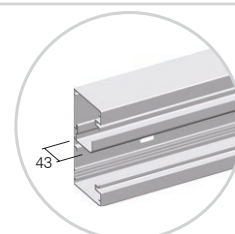


RT30

- pregrada od ekstrudiranog polimera
- dubina 43 mm, duljina 2 m
- sukladno normi EN 50085-1

#### CABLE SHELF MA 43

- cable shelf from extruded polymer
- depth 43mm, length 2m
- in accordance with EN 50085-1



### PREGRADA MA 43 AL

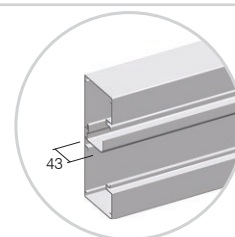


RT31

- pregrada od ekstrudiranog aluminija
- dubina 43 mm, duljina 2 m
- sukladno normi EN 50085-1

#### CABLE SHELF MA 43 AL

- cable shelf from extruded aluminium
- depth 43mm, length 2m
- in accordance with EN 50085-1



### PREGRADA MA 43 AL DVOSTRUKA

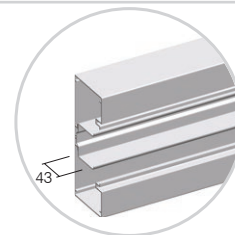


RT32

- dvostruka pregrada od ekstrudiranog aluminija
- dubina 43 mm, duljina 2 m
- sukladno normi EN 50085-1

#### CABLE SHELF MA 43 AL DOUBLE

- double cable shelf from extruded aluminium
- depth 43mm, length 2m
- in accordance with EN 50085-1





## T R U N K I N G   S Y S T E M   A L U M I N I U M

## ZAVRŠNI ELEMENT MA 130x65

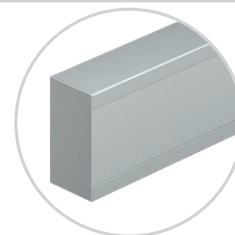


- RT35ES
- RT35PW

- završni element od polimera
- visina 130mm
- sukladno normi EN 50085-1

*STOP END MA 130x65*

- stop end element from polymer
- height 130mm
- in accordance with EN 50085-1



## ZAVRŠNI ELEMENT MA 165x65

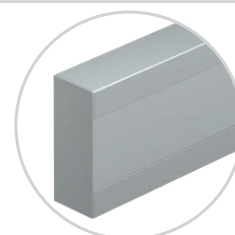


- RT36ES
- RT36PW

- završni element od metala
- visina 165mm
- sukladno normi EN 50085-1

*STOP END MA 165x65*

- stop end element from metal
- height 165mm
- in accordance with EN 50085-1



## SET SPOJNI ELEMENT MA 65

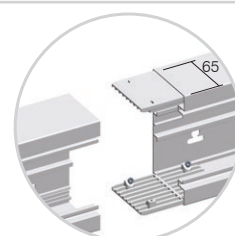


RT38

- spojni element od polimera
- set sadrži 2 spojna elementa i vijke
- sukladno normi EN 50085-1

*SET JOINING PIECE MA 65*

- joining piece from polymer
- set contains two pieces and screws
- in accordance with EN 50085-1



## UNIVERZALNI KUT MA 130x65

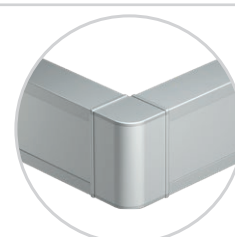


- RT40ES
- RT40PW

- univerzalni kutni element
- visina 130mm
- sukladno normi EN 50085-1

*UNIVERSAL CORNER MA 130x65*

- universal corner element
- height 130mm
- in accordance with EN 50085-1



## UNIVERZALNI KUT MA 165x65



- RT41ES
- RT41PW

- univerzalni kutni element
- visina 165mm
- sukladno normi EN 50085-1

*UNIVERSAL CORNER MA 165x65*

- universal corner element
- height 165mm
- in accordance with EN 50085-1



## ELEMENT ZA UZEMLJENJE MA 2x A6.3

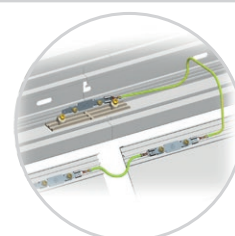


RT42

- element za uzemljenje osnove kanala i poklopca
- sukladno normi EN 50085-1

*EARTHING PIECE MA 2x A6.3*

- earthing piece for earthing of trunking base and front cover
- in accordance with EN 50085-1



## L-KOMAD ELEMENT MA 130x65 / 130

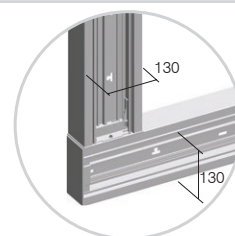


- RT43ES
- RT43PW

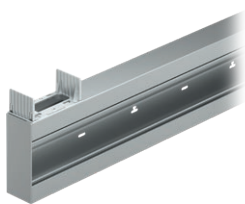
- univerzalni L-komad od aluminija
- visina 130 mm, duljina 400mm
- za povezivanje na MA 130x65
- sukladno normi EN 50085-1

*L-BEND MA 130x65 / 130*

- universal L bend element from aluminium
- height 130mm, length 400mm
- connection on MA 130x65
- in accordance with EN 50085-1



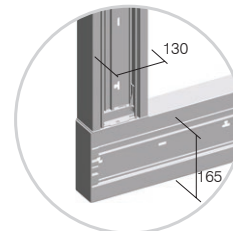
L-KOMAD ELEMENT MA 165x65 / 130



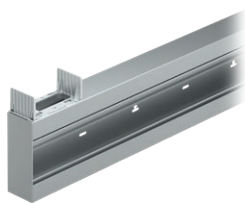
- RT44ES
- RT44PW

- univerzalni L-komad od aluminija
- visina 165mm, duljina 400mm
- za povezivanje na MA 130x65
- sukladno normi EN 50085-1

- L-BEND MA 165x65 / 130*
- universal L bend element from aluminium
  - height 165mm, length 400mm
  - connection on MA 130x65
  - in accordance with EN 50085-1



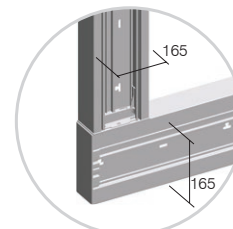
L-KOMAD ELEMENT MA 165x65 / 165



- RT47ES
- RT47PW

- univerzalni L-komad od aluminija
- visina 165mm, duljina 400mm
- za povezivanje na MA 165x65
- sukladno normi EN 50085-1

- L-BEND MA 165x65 / 165*
- universal L bend element from aluminium
  - height 165mm, length 400mm
  - connection on MA 165x65
  - in accordance with EN 50085-1



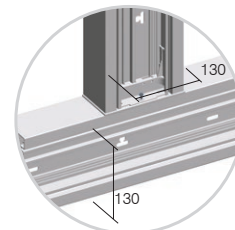
T-KOMAD MA 130x65 / 130



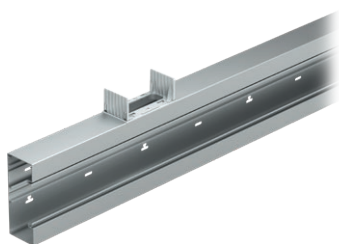
- RT45ES
- RT45PW

- univerzalni T-komad od aluminija
- visina 130 mm, duljina 400mm
- za povezivanje na MA 130x65
- sukladno normi EN 50085-1

- T-BEND MA 130x65 / 130*
- universal T bend element from aluminium
  - height 130mm, length 400mm
  - connection on MA 130x65
  - in accordance with EN 50085-1



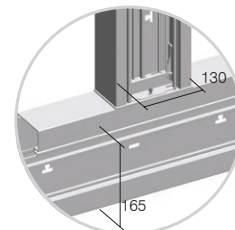
T-KOMAD MA 165x65 / 130



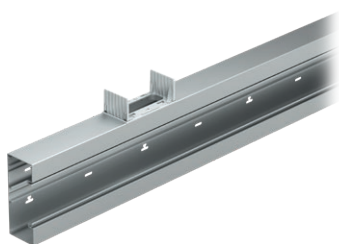
- RT46ES
- RT46PW

- univerzalni T-komad od aluminija
- visina 165mm, duljina 400mm
- za povezivanje na MA 130x65
- sukladno normi EN 50085-1

- T-BEND MA 165x65 / 130*
- universal T bend element from aluminium
  - height 165mm, length 400mm
  - connection on MA 130x65
  - in accordance with EN 50085-1



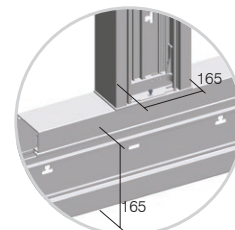
T-KOMAD MA 165x65 / 165



- RT48ES
- RT48PW

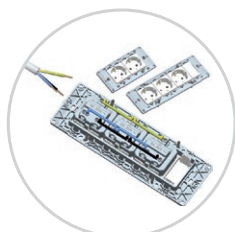
- univerzalni T-komad od aluminija
- visina 165mm, duljina 400mm
- za povezivanje na MA 165x65
- sukladno normi EN 50085-1

- T-BEND MA 165x65 / 165*
- universal T bend element from aluminium
  - height 165mm, length 400mm
  - connection on MA 165x65
  - in accordance with EN 50085-1



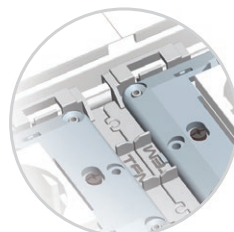
MA parapetni kanali temelje se na modularnom sustavu s kombinacijama elemenata veličine 2M, 4M ili 7M

*MA trunking is based on modular system making 2M, 4M or 7M combinations of elements*



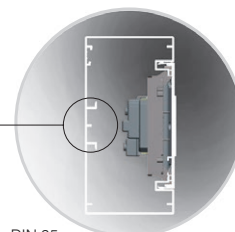
Modul sadži specijalne elemente pripremljene za brzu instalaciju

*In Modul we provide special elements for quick installation*



Adapter MA omogućuje točno postavljanje bez dodatnog napora

*With Adapter MA exact positioning without extra effort is provided*



•DIN 35mm

Montaža bez kutije znači više prostora za kablove, DIN tračnica ima oblik sukladan normi EN 60715

*Mounted without box means more space for cables, DIN-rail base shape EN-60715*

## T R U N K I N G   S Y S T E M   A L U M I N I U M



## NOSAČ STUPIČA MA JEDNOSTRUKI 130x65



- RT50ES
- RT50PW

- nosač za pričvršćivanje kanala MA130 na podu i/ili na stropu  
- sukladno normi EN 50085-1

## FIXING PLATE MA SINGLE 130x65

- fixing plate for fixing trunking base MA130 on the floor  
and/or on the ceiling  
- in accordance with EN 50085-1



- RT51ES
- RT51PW

## NOSAČ STUPIČA MA DVOSTRUKI 130x65

- nosač za pričvršćivanje dva kanala MA130 na podu  
i/ili na stropu  
- sukladno normi EN 50085-1

## FIXING PLATE MA DOUBLE 130x65

- fixing plate for fixing two trunking bases MA130 on the  
floor and/or on the ceiling  
- in accordance with EN 50085-1



## STUPIĆ MA 130x65x500



- RT52ES
- RT52PW

- stupić MA  
- visina 500mm  
- nosač 7M ugrađen  
- sukladno normi EN 50085-1

## SERVICE POST MA 130x65x500

- service post MA  
- height 500mm  
- mounting frame 7M included  
- in accordance with EN 50085-1

## STUPIĆ MA DVOSTRUKI 130x130x500

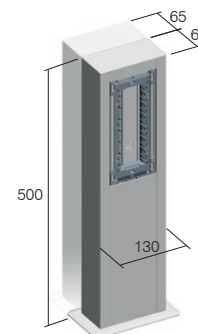


- RT53ES
- RT53PW

- stupić MA dvostruki  
- visina 500mm  
- nosači 7M ugrađeni  
- sukladno normi EN 50085-1

## SERVICE POST MA DOUBLE 130x130x500

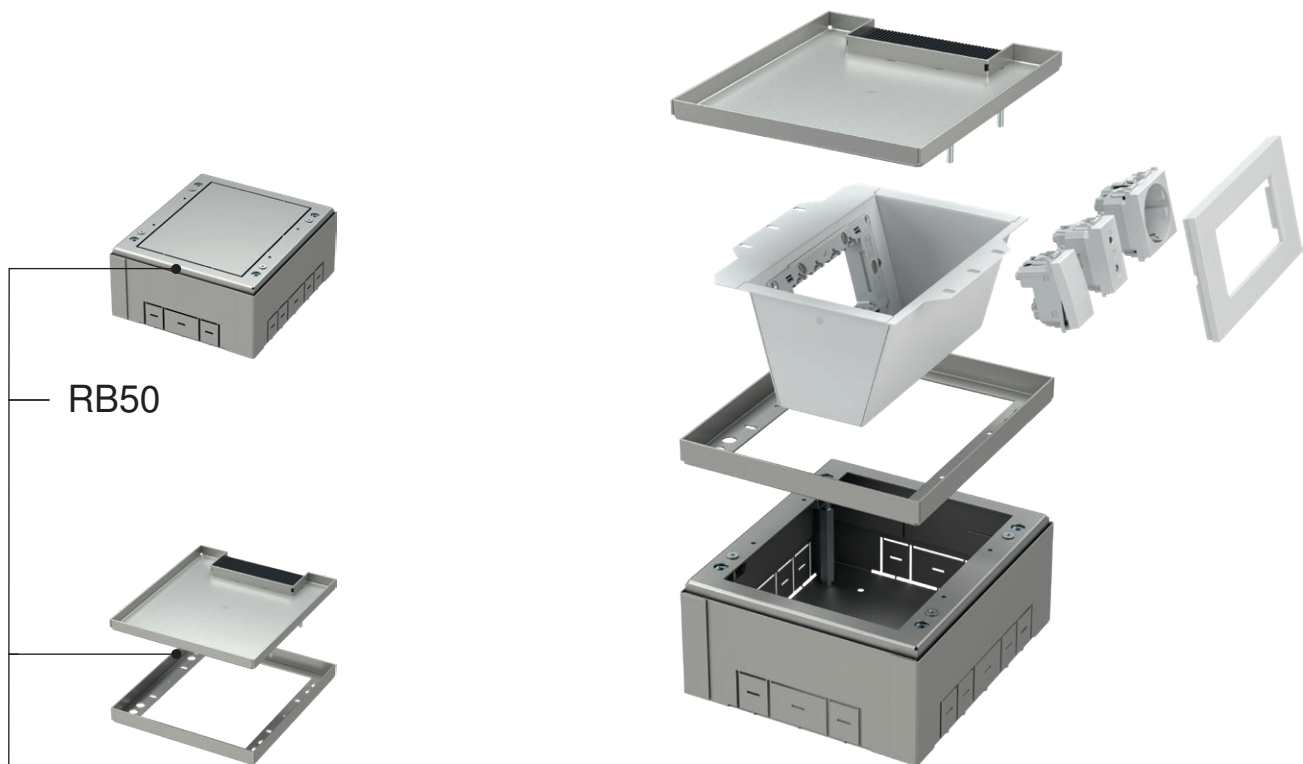
- service post MA double  
- height 500mm  
- mounting frames 7M included  
- in accordance with EN 50085-1



Cable intersection mm <sup>2</sup>	Poprečni presjek vodiča / Cable cross-section (mm <sup>2</sup> )				
	1 vodič / 1 wire	2 vodiča / 2 wires	3 vodiča / 3 wires	4 vodiča / 4 wires	5 vodiča / 5 wires
1,5	44	111	121	144	169
2,5	49	133	157	169	211
4	58	169	183	211	256
6	68	196	225	256	307

Kanal / Trunk	Kapacitet parapetnog kanala / Trunk capacity			
	MA 130x65 prazan / empty	MA 130x65 s Modul sklopkama i utičnicama / with Modul switches and sockets	MA 165x65 prazan / empty	MA 130x65 s Modul sklopkama i utičnicama / with Modul switches and sockets
kapaciteta capacity	7600 mm <sup>2</sup>	5500 mm <sup>2</sup>	9900 mm <sup>2</sup>	7800 mm <sup>2</sup>
max ø	54 mm	2x42 mm	54 mm	2x42 mm

# A R A P E T N I K A N A L I M T

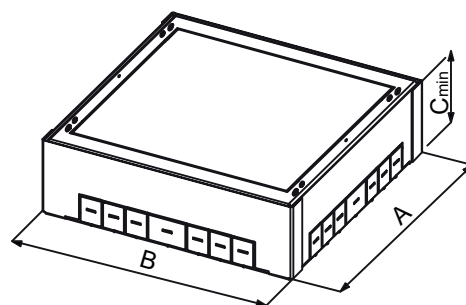
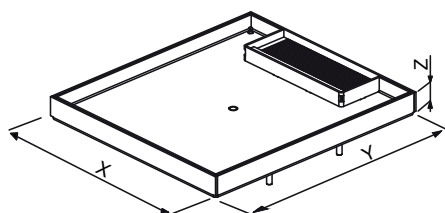


RB50

RB65S1

tip type	naziv description	tehnički podaci technical data
RB50	UGRADNO KUĆIŠTE PODNE KUTIJE FLOOR BOX BASE	4M
RB65S1	POKLOPAC PODNE KUTIJE FLOOR DISTRIBUTION BOX COVER	4M
RB60	UMETAK PODNE KUTIJE INSERT FOR FLOOR DISTRIBUTION BOX	4M
·	·	·
·	·	·

	RB65S1	RB66S1	RB67S2	RB68S2
X	177	178	265	516,5
Y	200,5	265	265	265
Z	17,5	17,5	17,5	17,5



	RB50	RB51	RB52	RB53
A	208,5	273	273	273
B	182	182,5	269,5	521
C	83	83	83	83

## F L O O R   B O X E S   M T

## UGRADNO KUĆIŠTE PODNE KUTIJE 4M



RB50

- ugradno kućište 4M
- metalno, galvanizirano
- za ugradnju u pod ili dvostruki pod
- ugradne dimenzije 208,5 x 182 mm, dubina min. 83 mm
- prilagodljiva visina 83 – 128 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

*FLOOR BOX BASE 4M*

- floor box base 4M
- metal, galvanized
- for installation in a floor or double floor
- mounting dimensions 208.5x182mm, min. depth 83mm
- adjustable height 83-128mm
- In accordance with EN 5005-1 and EN 50085-2-2

## UMETAK PODNE KUTIJE 4M



RB60

- Umetak podne kutije 4M
- Metalni, bijela boja RAL 9006
- Nosač MODUL 4M ugrađen
- Sukladno normama EN 5005-1 i EN 50085-2-2

*INSERT FOR FLOOR DISTRIBUTION BOX 4M*

- insert for floor box 4M
- metal, colour white RAL 9006
- mounting frame MODUL 4M included
- in accordance with EN 5005-1 and EN 50085-2-2

## POKLOPAC PODNE KUTIJE 4M



RB65S1

- Poklopac kutije 4M
- Metalni, galvaniziran
- Ugradne dimenzije 200,5 x 177 mm, dubina min. 17,5 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

*FLOOR DISTRIBUTION BOX COVER 4M*

- floor box cover 4M
- metal, galvanized
- mounting dimensions 200.5x177mm, depth 17.5mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

## UGRADNO KUĆIŠTE PODNE KUTIJE 7M



RB51

- Ugradno kućište 7M
- Metalno, galvanizirano
- Za ugradnju u pod ili dvostruki pod
- Ugradne dimenzije 273 x 182,5 mm, dubina min. 83 mm
- Prilagodljiva visina 83 – 128 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

*FLOOR BOX BASE 7M*

- floor box base 7M
- metal, galvanized
- for installation in a floor or double floor
- mounting dimensions 273x182.5mm, min. depth 83mm
- adjustable height 83-128mm
- in accordance with EN 5005-1 and EN 50085-2-2

## UMETAK PODNE KUTIJE 7M



RB61

- Umetak podne kutije 7M
- Metalni, bijela boja RAL 9006
- Nosač MODUL 7M ugrađen
- Sukladno normama EN 5005-1 i EN 50085-2-2

*INSERT FOR FLOOR DISTRIBUTION BOX 7M*

- insert for floor box 7M
- metal, colour white RAL 9006
- mounting frame MODUL 7M included
- in accordance with EN 5005-1 and EN 50085-2-2

## POKLOPAC PODNE KUTIJE 7M



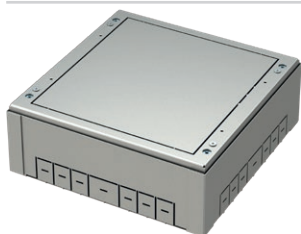
RB66S1

- Poklopac kutije 7M
- Metalni, galvaniziran
- Ugradne dimenzije 265 x 178 mm, dubina min. 17,5 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

*FLOOR DISTRIBUTION BOX COVER 7M*

- floor box cover 7M
- metal, galvanized
- mounting dimensions 265x178mm, depth 17.5mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

UGRADNO KUĆIŠTE PODNE KUTIJE 2X7M



RB52

- Ugradno kućište 2X7M
- Metalno, galvanizirano
- Za ugradnju u pod ili dvostruki pod
- Ugradne dimenzije 273 x 269,5 mm, dubina min. 83 mm
- Prilagodljiva visina 83 – 128 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR BOX BASE 2X7M

- floor box base 2X7M
- metal, galvanized
- for installation in a floor or double floor
- mounting dimensions 273x269.5mm, min. depth 83mm
- adjustable height 83-128mm
- in accordance with EN 5005-1 and EN 50085-2-2

UMETAK PODNE KUTIJE 2X7M



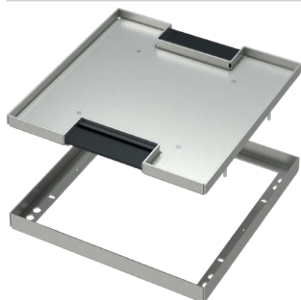
RB62

- Umetak podne kutije 2x7M
- Metalni, bijela boja RAL 9006
- Nosači MODUL 7Mx2 ugrađeni
- Sukladno normama EN 5005-1 i EN 50085-2-2

INSERT FOR FLOOR DISTRIBUTION BOX 2X7M

- insert for floor box 2x7M
- metal, colour white RAL 9006
- mounting frames MODUL 2x7M included
- in accordance with EN 5005-1 and EN 50085-2-2

POKLOPAC PODNE KUTIJE 2X7M



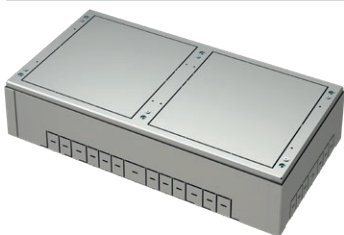
RB67S2

- Poklopac kutije 2X7M
- Metalni, galvaniziran
- Ugradne dimenzije 265 x 265 mm, dubina min. 17,5 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR DISTRIBUTION BOX COVER 2X7M

- floor box cover 2x7M
- metal, galvanized
- mounting dimensions 265x265mm, depth 17.5mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

UGRADNO KUĆIŠTE PODNE KUTIJE 4X7M



RB53

- Ugradno kućište 4x7M
- Metalno, galvanizirano
- Za ugradnju u pod ili dvostruki pod
- Ugradne dimenzije 273 x 521 mm, dubina min. 83 mm
- Prilagodljiva visina 83 – 128 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR BOX BASE 4X7M

- floor box base 4X7M
- metal, galvanized
- for installation in a floor or double floor
- mounting dimensions 273x521mm, min. depth 83mm
- adjustable height 83-128mm
- in accordance with EN 5005-1 and EN 50085-2-2

UMETAK PODNE KUTIJE 2X7M



RB62

- Umetak podne kutije 2x7M
- Metalni, bijela boja RAL 9006
- Nosači MODUL 7Mx2 ugrađeni
- Sukladno normama EN 5005-1 i EN 50085-2-2

INSERT FOR FLOOR DISTRIBUTION BOX 2X7M

- insert for floor box 2x7M
- metal, colour white RAL 9006
- mounting frames MODUL 2x7M included
- in accordance with EN 5005-1 and EN 50085-2-2

POKLOPAC PODNE KUTIJE 4X7M



RB68S2

- Poklopac kutije 4X7M
- Metalni, galvaniziran
- Ugradne dimenzije 265 x 516,5 mm, dubina min. 17,5 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR DISTRIBUTION BOX COVER 4X7M

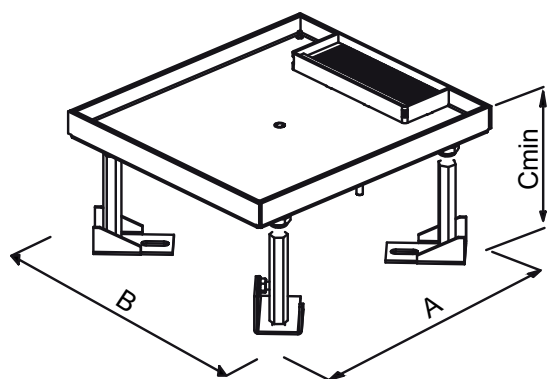
- floor box cover 4x7M
- metal, galvanized
- mounting dimensions 265x516.5mm, depth 17.5mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

## F L O O R   B O X E S   M T

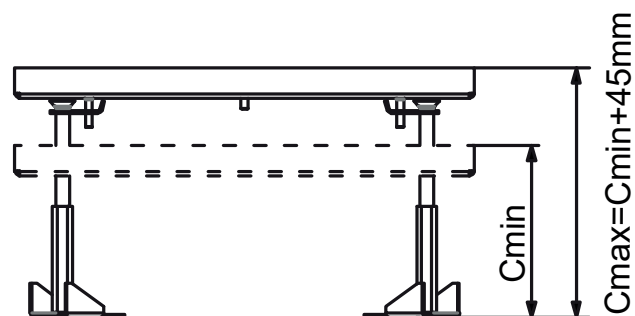


RB55S1

tip type	naziv description	tehnički podaci technical data
RB55S1	PODNA KUTIJA ZA DVOSTRUKE PODOVE S POKLOPCEM 4M FLOOR BOX WITH COVER FOR DOUBLE FLOORS	4M
RB60	UMETAK PODNE KUTIJE INSERT FOR FLOOR DISTRIBUTION BOX	4M
⋮	⋮	⋮
⋮	⋮	⋮



	RB55S1	RB56S1	RB57S2	RB58S2
A	200,5	265	265	265
B	177	178	265	516,5
C	100	100	100	100



## PODNA KUTIJA ZA DVOSTRUKE PODOVE S POKLOPCEM 4M



RB55S1

- Podna kutija za dvostruke podove 4M
- Metalna, galvanizirana
- Ugradne dimenzije 200,5 x 177 mm, dubina min. 100 mm
- Prilagodljiva visina 100 – 145 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

## FLOOR BOX WITH COVER FOR DOUBLE FLOORS 4M

- floor box base 4M
- metal, galvanized
- mounting dimensions 200.5x177mm, min. depth 100mm
- adjustable height 100-145mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

## UMETAK PODNE KUTIJE 4M



RB60

- Umetak podne kutije 4M
- Metalni, bijela boja RAL 9006
- Nosač MODUL 4M ugrađen
- Sukladno normama EN 5005-1 i EN 50085-2-2

## INSERT FOR FLOOR DISTRIBUTION BOX 4M

- insert for floor box 4M
- metal, colour white RAL 9006
- mounting frame MODUL 4M included
- in accordance with EN 5005-1 and EN 50085-2-2

PODNA KUTIJA ZA DVOSTRUKE PODOVE S POKLOPCEM 7M



RB56S1

- Podna kutija za dvostruke podove 7M
- Metalna, galvanizirana
- Ugradne dimenzije 265 x 178 mm, dubina min. 100 mm
- Prilagodljiva visina 100 – 145 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR BOX WITH COVER FOR DOUBLE FLOORS 7M

- floor box base 7M
- metal, galvanized
- mounting dimensions 265x178mm, min. depth 100mm
- adjustable height 100-145mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

UMETAK PODNE KUTIJE 7M



RB61

- Umetak podne kutije 7M
- Metalni, bijela boja RAL 9006
- Nosač MODUL 7M ugrađen
- Sukladno normama EN 5005-1 i EN 50085-2-2

INSERT FOR FLOOR DISTRIBUTION BOX 7M

- insert for floor box 7M
- metal, colour white RAL 9006
- mounting frame MODUL 7M included
- in accordance with EN 5005-1 and EN 50085-2-2

PODNA KUTIJA ZA DVOSTRUKE PODOVE S POKLOPCEM 2X7M



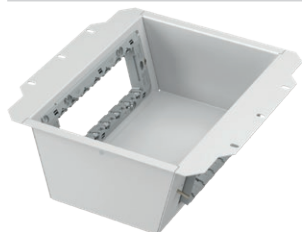
RB57S2

- Podna kutija za dvostruke podove 2x7M
- Metalna, galvanizirana
- Ugradne dimenzije 265 x 265 mm, dubina min. 100 mm
- Prilagodljiva visina 100 – 145 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR BOX WITH COVER FOR DOUBLE FLOORS 2X7M

- floor box base 2x7M
- metal, galvanized
- mounting dimensions 265x265mm, min. depth 100mm
- adjustable height 100-145mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

UMETAK PODNE KUTIJE 2X7M



RB62

- Umetak podne kutije 2x7M
- Metalni, bijela boja RAL 9006
- Nosači MODUL 7Mx2 ugrađeni
- Sukladno normama EN 5005-1 i EN 50085-2-2

INSERT FOR FLOOR DISTRIBUTION BOX 2X7M

- insert for floor box 2x7M
- metal, colour white RAL 9006
- mounting frames MODUL 2x7M included
- in accordance with EN 5005-1 and EN 50085-2-2

PODNA KUTIJA ZA DVOSTRUKE PODOVE S POKLOPCEM 4X7M



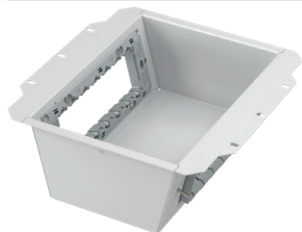
RB58S2

- Podna kutija za dvostruke podove 4x7M
- Metalna, galvanizirana
- Ugradne dimenzije 265 x 516,5 mm, dubina min. 100 mm
- Prilagodljiva visina 100 – 145 mm
- Debljina podne obloge poklopca do 11,5 mm
- Sukladno normama EN 5005-1 i EN 50085-2-2

FLOOR BOX WITH COVER FOR DOUBLE FLOORS 4X7M

- floor box base 4x7M
- metal, galvanized
- mounting dimensions 265x516.5mm, min. depth 100mm
- adjustable height 100-145mm
- floor thickness up to 11.5mm
- in accordance with EN 5005-1 and EN 50085-2-2

UMETAK PODNE KUTIJE 2X7M



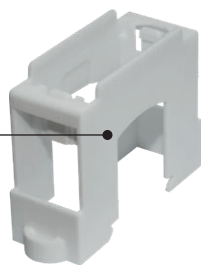
RB62

- Umetak podne kutije 2x7M
- Metalni, bijela boja RAL 9006
- Nosači MODUL 7Mx2 ugrađeni
- Sukladno normama EN 5005-1 i EN 50085-2-2

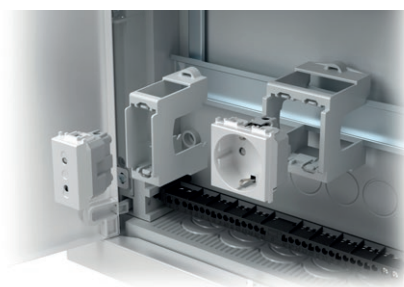
INSERT FOR FLOOR DISTRIBUTION BOX 2X7M

- insert for floor box 2x7M
- metal, colour white RAL 9006
- mounting frames MODUL 2x7M included
- in accordance with EN 5005-1 and EN 50085-2-2





**RB10**



tip type	naziv description	tehnički podaci technical data
RB10	ADAPTER ZA DIN-TRAČNICU 35mm 1M <i>ADAPTER FOR DIN RAIL</i>	
RB11	ADAPTER ZA DIN-TRAČNICU 35mm 2M <i>ADAPTER FOR DIN RAIL</i>	
⋮	⋮	⋮



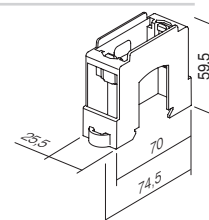
RB10

ADAPTER ZA DIN-TRAČNICU 35mm 1M

- adapter MODUL 1M
- za Din tračnicu 35 mm
- sukladno normi EN 50022

ADAPTER FOR DIN RAIL 35mm 1M

- adapter MODUL 1M
- for DIN rail 35mm
- in accordance with EN 50022



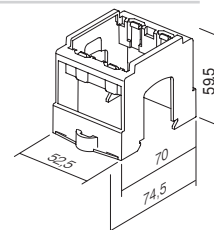
RB11

ADAPTER ZA DIN-TRAČNICU 35mm 2M

- adapter MODUL 2M
- za Din tračnicu 35 mm
- sukladno normi EN 50022

ADAPTER FOR DIN RAIL 35mm 2M

- adapter MODUL 2M
- for DIN rail 35mm
- in accordance with EN 50022



SWITCH  
LOGIQ



**TEM**

# LOGIQ

## **SVEPRISUTNO POUZDANJE** **stvoreno za svaku prostoriju**

Oblik za svaku prostoriju. Sklopke imaju univerzalne linije koje ostavljaju jednako upečatljiv trag u modernim radnim prostorima kao i u udobnim prostorima za život. LOGIQ obitelj nudi jednostavno i logično rješenje za svaku Vašu želju.

## OMNIPRESENT CONFIDENCE made for every room

A shape for every room. The switches have universal lines that leave a mark in both modern work environments as well as in cosy, comfortable living spaces. The LOGIQ family offers a simple and logical solution for your every wish.



# LOGIQ

## **HARMONIJA BOJA** **Odaberite svoju nijansu**

LOGIQ obitelj ponosno predstavlja seriju provjerenih i elegantnih nijansi koje naši klijenti poznaju i obožavaju. Nemojte pristati na kompromise, LOGIQ obitelj ima sve što vam treba. Uvijek možemo kreirati nijansu prema Vašim posebnim željama. Logično.

## HARMONY OF COLOURS Choose your hue

The LOGIQ family prides itself on its logical range of verified and elegant hues known and loved by our clients. Don't compromise, the LOGIQ family has you covered. We can always create the hue of colour in accordance with your special request. Logically.

- **antracit**      *anthracite*
- **titan**      *titanium*
- **bijela sjajna**      *polar white*



## **NEOGRANIČENA MAŠTA** **Kreirajte svoju vlastitu kombinaciju**

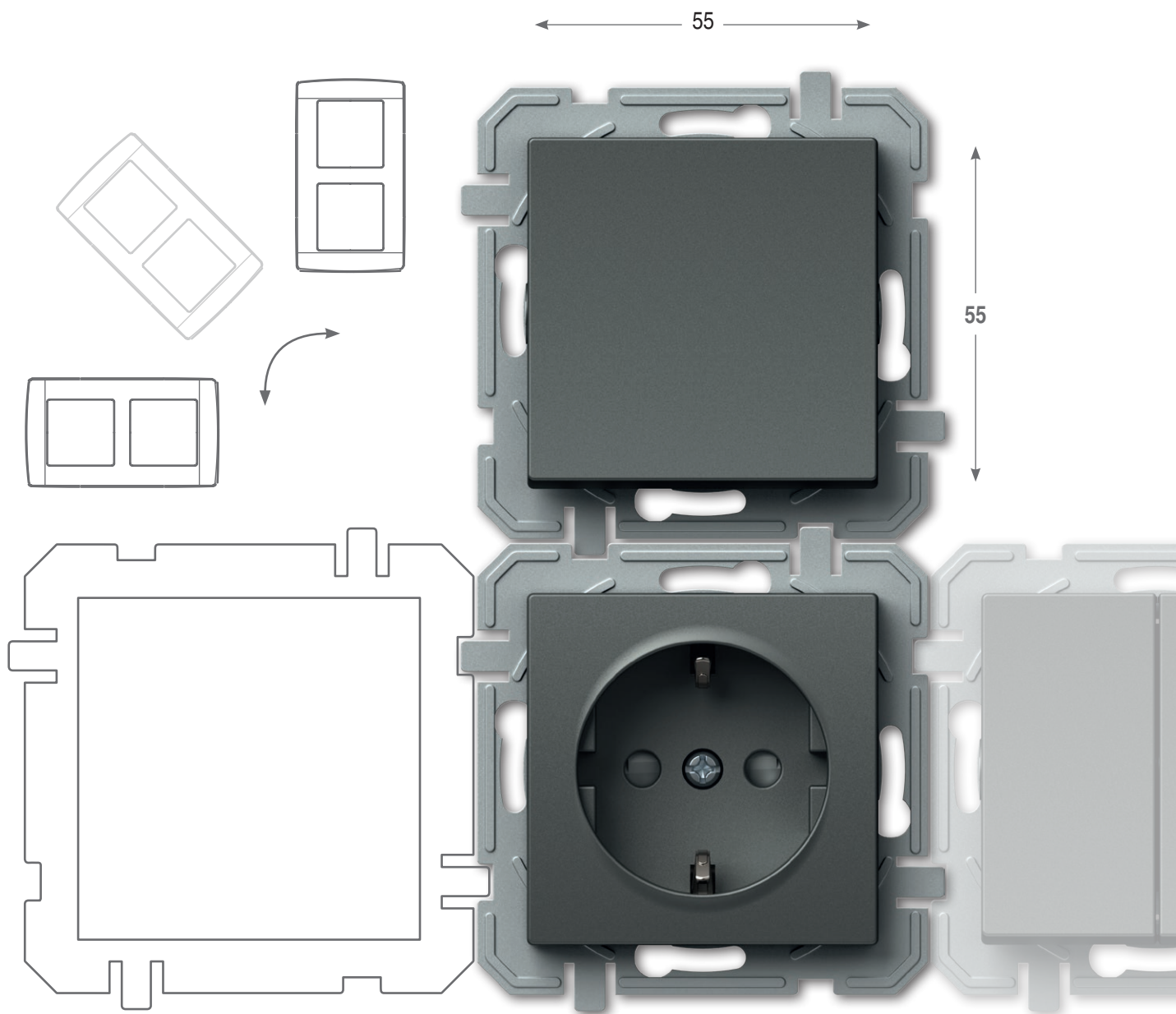
LOGIQ obitelj omogućuje vam da kreirate svoju vlastitu kombinaciju. Kako bismo Vam olakšali kombiniranje, kreirali smo učinkovit sustav koji podržava slaganje horizontalnih i vertikalnih linija. Takozvani 55/55 sustav omogućuje Vam da se svaki put koristite istim elementima. Znae što želite? Bez brige, LOGIQ sklopke čitaju Vam misli.

## LIMITLESS IMAGINATION Create your own combination

The LOGIQ family allows you to create your own combination. To make combining simple, we have created a useful system that supports the sequencing of horizontal and vertical lines. The so-called 55/55 system allows you to use the same universal elements every time. Know what you want? Don't worry, the LOGIQ switches can read your mind.





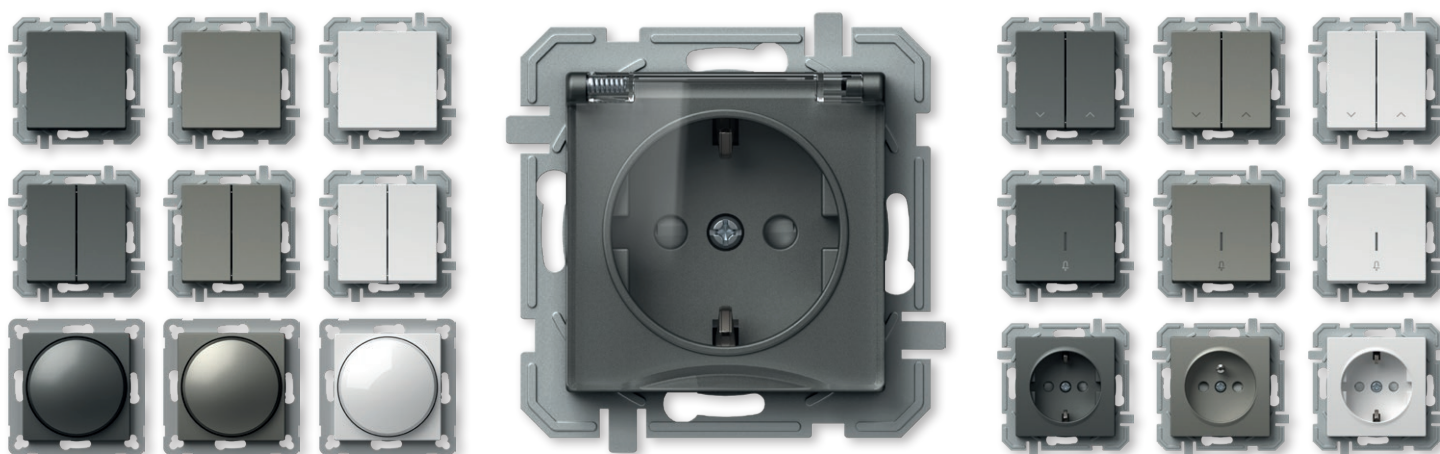


## JEDNOSTAVNO RJEŠENJE ZA NAJZAHTJEVNIJE KLIJENTE

LOGIQ obitelj nudi sklopke, regulatore, senzore i utičnice za svaku svrhu na jednome mjestu. Možete upotrebljavati ove proizvode individualno ili u sekvenci. Kao svaka obitelj koja raste i razvija se, LOGIQ obitelj nastavit će razvijati naše proizvode u skladu s Vašim potrebama i željama. Rado ćemo Vas poslušati i ponuditi Vam rješenje koje će na jednostavan i logičan način nastaviti priču LOGIQ obitelji.

## SIMPLE FOR THE MOST DEMANDING

The LOGIQ family offers switches, regulators, sensors, and sockets for every purpose in one place. You can use these products individually or in a sequence. Just like every family that grows and develops, the LOGIQ family will continue to develop our range of products in accordance with your needs and wishes. We are happy to listen to you and offer a solution which will simply and logically continue the story of the LOGIQ family.



**SVE NA JEDNOME MJESTU I MNOGO VIŠE**

ALL IN ONE PLACE AND MORE

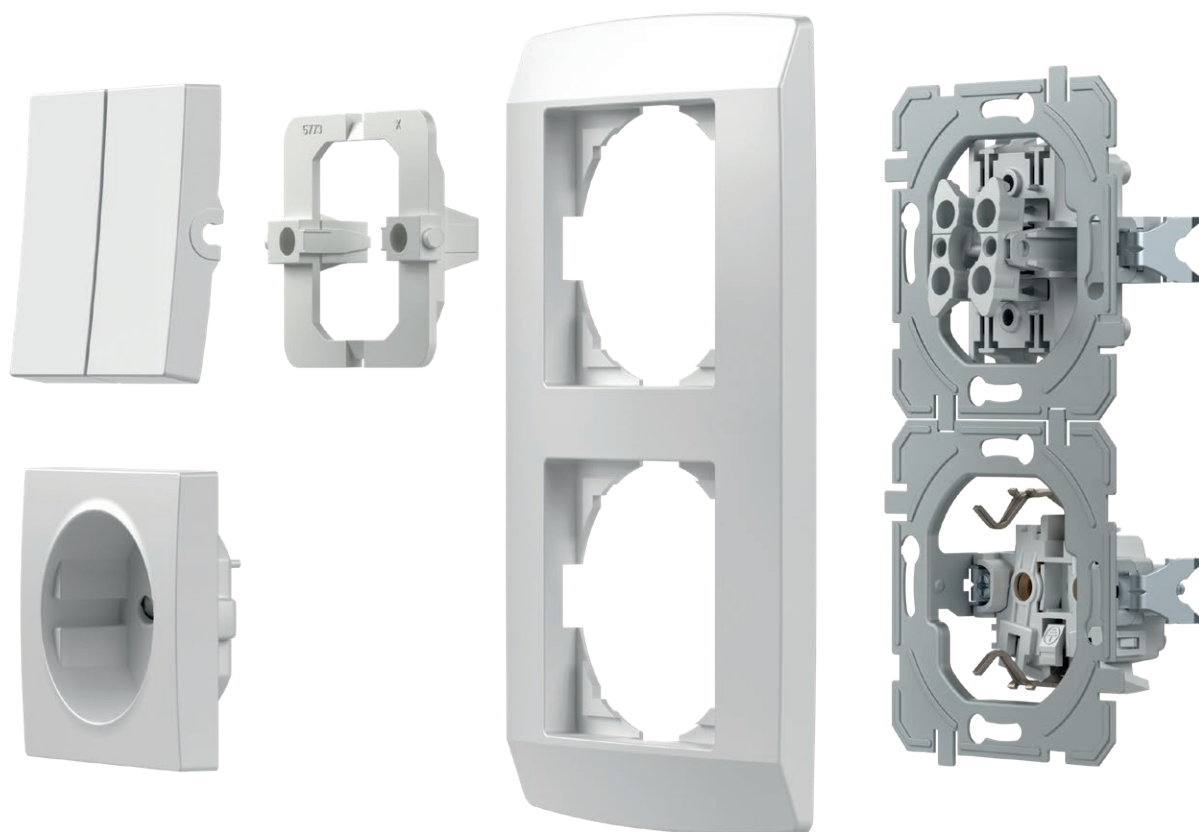


## LOGIČNA INSTALACIJA

LOGIQ je rješenje za sustav standardnih okruglih kutija. S pomoću njega možemo planirati jednostavne instalacije, novogradnje i adaptacije, ali i one zahtjevnije. Sustav karakterizira spajanje bez upotrebe vijaka, što će vam uštedjeti vrijeme pri ugradnji elemenata.

## LOGICAL INSTALLATION

LOGIQ is a solution for the system of standardized round installations boxes. It can be used for simple as well as more demanding installations, new buildings and adaptations. The system is characterised by plug-in contacts which save time during installation of elements.



## DOBRO JE ZNATI

### GOOD TO KNOW



Sve su utičnice opremljene sigurnosnim sklopovima koji osiguravaju zaštitu od kontakta s naponom.

All the sockets are equipped with a safety shutters assuring the protection to live contacts.



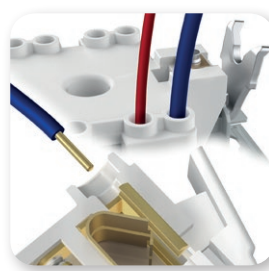
Dobro osmišljena konstrukcija sklopki omogućuje jednostavnu dodatnu indicaciju.

The well-thought-out design of the switch enables the easy integration of the indication, including at a later time.



Pouzdanost preklopa osiguravaju kontakti izrađeni od srebrne legure.

Contacts made of silver alloy guarantee safe switching.



Spajanje bez vijaka omogućuje brzo i pouzdano priključenje vodiča. Na isti se kontakt mogu pričvrstiti dva vodiča različitih presjeka.

Plug-in contacts enable quick and reliable attachment of wires. Two wires of different diameters can be attached to the same contact.



Nožice omogućavaju dublje pričvršćivanje (i preko keramičkih pločica i sl.)

Fixing claws enable deeper fixing (also through ceramic tiles, etc.)



Montažne kutije olakšat će Vam posao ugradnje. Zajamčene su odgovarajuće duljine.

Easy-fitting installation boxes will make your work easier. Proper lengths are guaranteed.

SQ11      PW      IN      01      XO

tip type	naziv description	tehnički opis technical data	boja colour	opcijski opis 1 optional data 1	opcijski opis 2 optional data 2	opcijski opis 3 optional data 3
SQ10	SKLOPKA JEDNOPOLNA SWITCH 1WAY	10AX 250V~	<input type="checkbox"/> PW bijela – sjaj polar white	NT neutralna neutral	01	XO bez okvira without cover plate
SQ11	TIPKALO JEDNOPOLNO PUSH BUTTON 1WAY	10A 250V~	<input type="checkbox"/> TI titan titanium	IN indikator indicator	02	
SQ22	SKLOPKA DVOPOLNA SWITCH 2POLE	16AX 250V~	<input type="checkbox"/> AT antracit anthracite		03	
...	...	...			...	

**SKLOPKA JEDNOPOLNA 10AX 250V~**



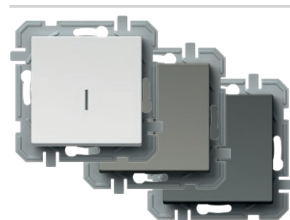
- SQ10PWXO
- SQ10TIXO
- SQ10ATXO



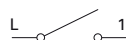
- 10AX 250V~, tip SQ10  
 - usklađeno s normom EN 60669-1  
 - bezvijačno pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>  
**SWITCH 1WAY 10AX 250V~**  
 - 10AX 250V~, type SQ10  
 - in accordance with EN 60669-1  
 - plug-in contacts 1.5-2.5mm<sup>2</sup>



**SKLOPKA JEDNOPOLNA 10AX 250V~ \_\_ IN**



- SQ10PWINXO
- SQ10TIINXO
- SQ10ATINXO



- IN indikator, bez neonske tinjalice  
 - 10AX 250V~, tip SQ10  
 - usklađeno s normom EN 60669-1  
 - bezvijačno pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>  
**SWITCH 1WAY 10AX 250V~ \_\_ IN**  
 - IN indicator, without neon lamp  
 - 10AX 250V~, type SQ10  
 - in accordance with EN 60669-1  
 - plug-in contacts 1.5-2.5mm<sup>2</sup>



**TIPKALO JEDNOPOLNO 10A 250V~**



- SQ11PWXO
- SQ11TIXO
- SQ11ATXO



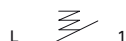
- 10A 250V~, tip SQ11  
 - usklađeno s normom EN 60669-1  
 - bezvijačno pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>  
**PUSH BUTTON 1WAY 10A 250V~**  
 - 10A 250V~, type SQ11  
 - in accordance with EN 60669-1  
 - plug-in contacts 1.5-2.5mm<sup>2</sup>



**TIPKALO JEDNOPOLNO 10A 250V~ \_\_ IN 01**



- SQ11PWIN01XO
- SQ11TIIN01XO
- SQ11ATIN01XO



- IN 01 indikator zvona, bez neonske tinjalice  
 - 10A 250V~, tip SQ11  
 - usklađeno s normom EN 60669-1  
 - bezvijačno pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>  
**PUSH BUTTON 1WAY 10A 250V~ \_\_ IN 01**  
 - IN 01 indicator bell, without neon lamp  
 - 10A 250V~, type SQ11  
 - in accordance with EN 60669-1  
 - plug-in contacts 1.5-2.5mm<sup>2</sup>





- SQ11PWIN02XO
- SQ11TIIN02XO
- SQ11ATIN02XO



#### TIPKALO JEDNOPOLNO 10A 250V~ \_\_ IN 02

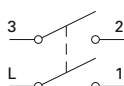
- IN 02 indikator svjetla, bez neonske tinjalice
- 10A 250V~, tip SQ11
- usklađeno s normom EN 60669-1
- bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>

#### PUSH BUTTON 1WAY 10A 250V~ \_\_ IN 02

- IN 02 indicator light, without neon lamp
- 10A 250V~, type SQ11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



- SQ22PWIN03XO
- SQ22TIIN03XO
- SQ22ATIN03XO



#### SKLOPKA DVOPOLNA 16AX 250V~ \_\_ IN 03

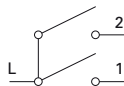
- IN 03 neutralna 0-1, bez neonske tinjalice
- 16AX 250V~, tip SQ22
- usklađeno s normom EN 60669-1
- vijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>

#### SWITCH 2POLE 16AX 250V~ \_\_ IN 03

- IN 03 neutral 0-1, without neon lamp
- 16AX 250V~, type SQ22
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>



- SQ50PWXO
- SQ50TIXO
- SQ50ATXO

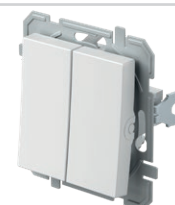


#### SKLOPKA SERIJSKA 10AX 250V~

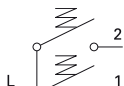
- 10AX 250V~, tip SQ50
- usklađeno s normom EN 60669-1
- bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>

#### SWITCH 2GANG-1WAY 10AX 250V~

- 10AX 250V~, type SQ50
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



- SQ51PWXO
- SQ51TIXO
- SQ51ATXO



#### TIPKALO SERIJSKO 10A 250V~

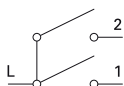
- 10A 250V~, tip SQ51
- usklađeno s normom EN 60669-1
- bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>

#### PUSH BUTTON 2GANG-1WAY 10A 250V~

- 10A 250V~, type SQ51
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



- SQ52PWNT09XO
- SQ52TINT09XO
- SQ52ATNT09XO



#### SKLOPKA ŽALUZIJSKA 10AX 250V~ \_\_ NT 09

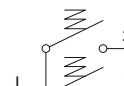
- NT 09 neutralna gore-dolje
- 10AX 250V~, tip SQ52
- usklađeno s normom EN 60669-1
- bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- s mehaničkim blokiranjem istodobnog uključivanja

#### SWITCH SHUTTERS 10AX 250V~ \_\_ NT 09

- NT 09 neutral up-down
- 10AX 250V~, type SQ52
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>
- with mechanical interblock



- SQ53PWNT09XO
- SQ53TINT09XO
- SQ53ATNT09XO

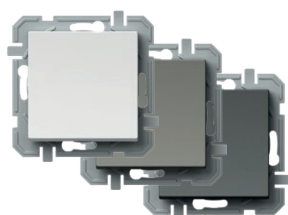


#### TIPKALO ŽALUZIJSKO 10A 250V~ \_\_ NT 09

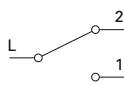
- NT 09 neutralna gore-dolje
- 10A 250V~, tip SQ53
- usklađeno s normom EN 60669-1
- bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- s mehaničkim blokiranjem istodobnog uključivanja

#### PUSH BUTTON SHUTTERS 10A 250V~ \_\_ NT 09

- NT 09 neutral up-down
- 10A 250V~, type SQ53
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>
- with mechanical interblock



- SQ60PWXO
- SQ60TIXO
- SQ60ATXO



#### SKLOPKA IZMJENIČNA 10AX 250V~

- 10AX 250V~, tip SQ60
- usklađeno s normom EN 60669-1
- bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>

#### SWITCH 2WAY 10AX 250V~

- 10AX 250V~, type SQ60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



SKLOPKA IZMJENIČNA DVOSTRUKA 10AX 250V~



- SQ63PWXO
- SQ63TIXO
- SQ63ATXO



- 10AX 250V~, tip SQ63
  - usklađeno s normom EN 60669-1
  - bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- SWITCH DOUBLE 2WAY 10AX 250V~*
- 10AX 250V~, type SQ63
  - in accordance with EN 60669-1
  - plug-in contacts 1.5-2.5mm<sup>2</sup>



SKLOPKA KRIŽNA 10AX 250V~



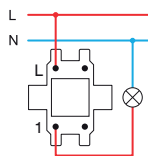
- SQ70PWXO
- SQ70TIXO
- SQ70ATXO



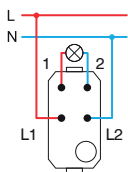
- 10AX 250V~, tip SQ70
  - usklađeno s normom EN 60669-1
  - bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- SWITCH INTERMEDIATE 10AX 250V~*
- 10AX 250V~, type SQ70
  - in accordance with EN 60669-1
  - plug-in contacts 1.5-2.5mm<sup>2</sup>



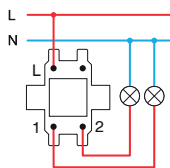
SQ10  
SQ11



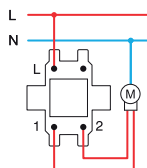
SQ22



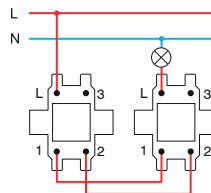
SQ50  
SQ51



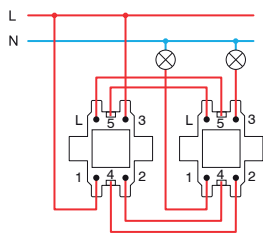
SQ52  
SQ53



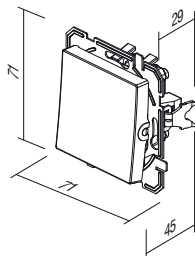
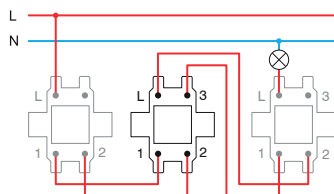
SQ60+SQ60



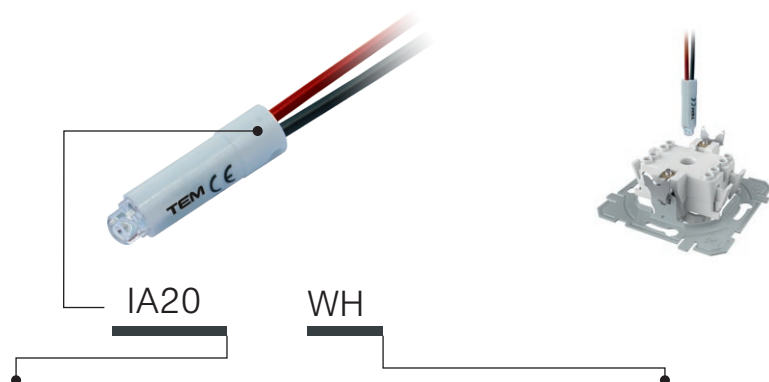
SQ63+SQ63



SQ60+SQ70+SQ60







tip type	naziv description	tehnički opis technical data	boja colour
IA10	NEONSKA TINJALICA NEON LAMP	230V~ 0,34W	<input type="checkbox"/> WH bijela white
IA20	LED SIGNALIZACIJA LED SIGNALLING UNIT	230V~ 0,40W	<input checked="" type="checkbox"/> BL plava blue
IA21	LED SIGNALIZACIJA LED SIGNALLING UNIT	24V AC/DC 0,20W	<input checked="" type="checkbox"/> RD crvena red
.	.	.	<input checked="" type="checkbox"/> GR zelena green
.	.	.	<input checked="" type="checkbox"/> OR narančasta orange

## NEONSKA TINJALICA 230V~ 0,34W


 IA10OR

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

## NEON LAMP 230V~ 0,34W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

## LED SIGNALIZACIJA 230V AC/DC 0,40W

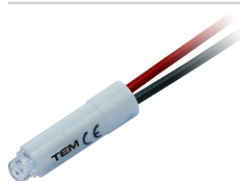

 IA20WH  
 IA20GR  
 IA20RD  
 IA20BL

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

## LED SIGNALLING UNIT 230V AC/DC 0,40W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

## LED SIGNALIZACIJA 24V AC/DC 0,20W

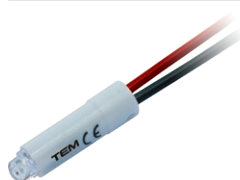

 IA21WH  
 IA21RD

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

## LED SIGNALLING UNIT 24V AC/DC 0,20W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

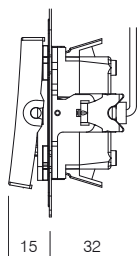
## LED SIGNALIZACIJA 12V AC/DC 0,10W


 IA22WH  
 IA22RD

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

## LED SIGNALLING UNIT 12V AC/DC 0,10W

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator



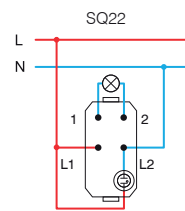
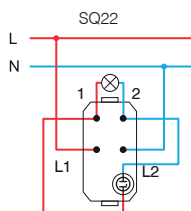
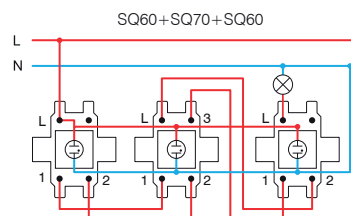
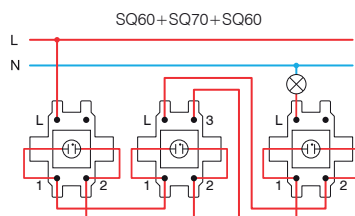
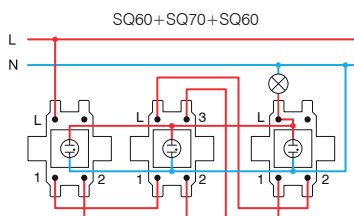
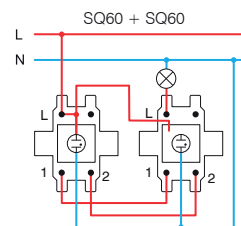
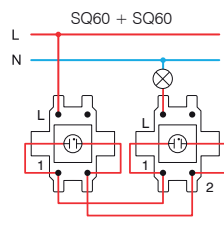
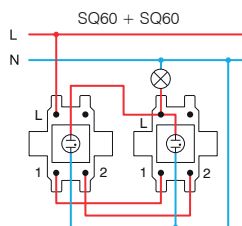
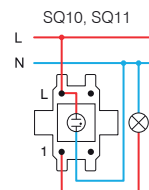
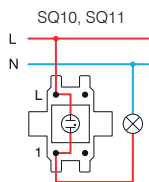
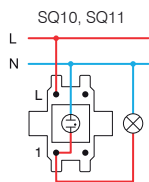
15

32

Indikacija /  
Indication

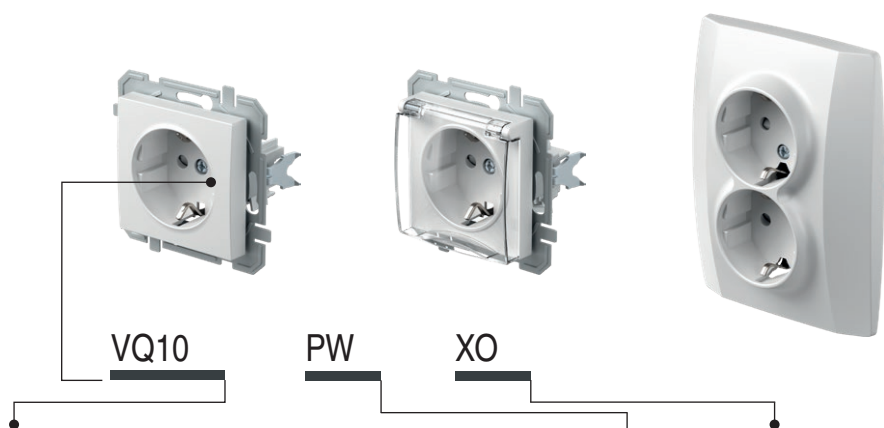
\*Signalizacija /  
Signalization

Stalna signalizacija  
Permanent signalling



\* spajanje nije prikladno za štedljive (CFL, LED) tinjalice /  
the connections are not suitable for energy-saving bulbs (CFL, LED)

## S O C K E T S V Q



tip type	naziv description	tehnički opis technical data	opcijski podatci 1 optional data 1
VQ10	UTIČNICA ŠUKO SOCKET SCHUKO	2P+E 16A 250V~	XO bez okvira without cover plate
VQ11	UTIČNICA ŠUKO+POKLOPAC SOCKET SCHUKO+COVER	2P+E 16A 250V~	
VQ12	UTIČNICA ŠUKO SOCKET SCHUKO	2P+E 16A 250V~ BV	
:	:	:	
:	:	:	

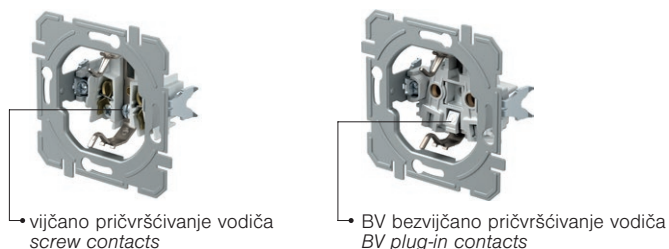
boja  
colour

<input type="checkbox"/> PW	bijela – sjaj polar white	<input type="checkbox"/> PT	bijela+prozirna white+transparent	<input type="checkbox"/> PP	bijela+bijela white+white
<input type="checkbox"/> TI	titan titanium	<input type="checkbox"/> TT	titan+prozirna titanium+transparent	<input type="checkbox"/> TI	titan+titan titanium+titanium
<input type="checkbox"/> AT	antracit anthracite	<input type="checkbox"/> AT	antracit+prozirna anthracite+transparent	<input type="checkbox"/> AA	antracit+antracit anthracite+anthracite
<input type="checkbox"/> RD	crvena red	<input type="checkbox"/> RT	crvena+prozirna red+transparent	<input type="checkbox"/> RR	crvena+crvena red+red
<input type="checkbox"/> GR	zelena green	<input type="checkbox"/> GT	zelena+prozirna green+transparent	<input type="checkbox"/> GG	zelena+zelena green+green
<input type="checkbox"/> OR	narančasta orange	<input type="checkbox"/> OT	narančasta+prozirna orange+transparent	<input type="checkbox"/> OO	narančasta+narančasta orange+orange



šuko – usklađen s normom EN 60884-1, CEE7 (lista standarda III)

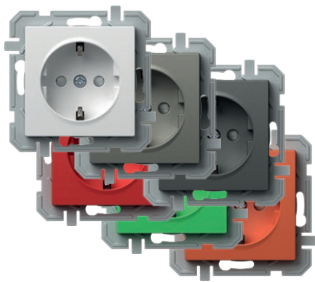
schuko - in accordance with EN 60884-1, CEE7 (standard sheet III)



• vijčano pričvršćivanje vodiča  
screw contacts

• BV bezvijčano pričvršćivanje vodiča  
BV plug-in contacts

UTIČNICA ŠUKO 2P+E 16A 250V~ \_\_ XO



- VQ10PWXO
- VQ10TIXO
- VQ10ATXO
- VQ10RD XO
- VQ10GR XO
- VQ10OR XO

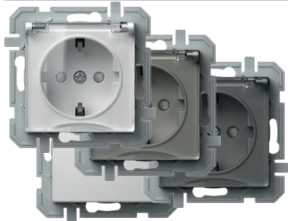
- vijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko
- 16A 250V~, tip VQ10
- utičnica s integriranom zaštitom



SOCKET SCHUKO 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko
- 16A 250V~, type VQ10
- shuttered live contacts

UTIČNICA ŠUKO+POKLOPAC 2P+E 16A 250V~ \_\_ XO



- VQ11PTXO
- VQ11TTXO
- VQ11ATXO
- VQ11PPXO

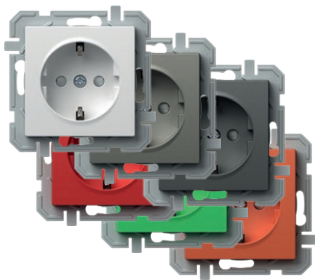
- vijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko+poklopac
- 16A 250V~, tip VQ11
- utičnica s integriranom zaštitom



SOCKET SCHUKO+COVER 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko+cover
- 16A 250V~, type VQ11
- shuttered live contacts

UTIČNICA ŠUKO 2P+E 16A 250V~ BV \_\_ XO



- VQ12PWXO
- VQ12TIXO
- VQ12ATXO
- VQ12RD XO
- VQ12GR XO
- VQ12OR XO

- BV bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko
- 16A 250V~, tip VQ12
- utičnica s integriranom zaštitom



SOCKET SCHUKO 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko
- 16A 250V~, type VQ12
- shuttered live contacts

UTIČNICA ŠUKO+POKLOPAC 2P+E 16A 250V~ BV \_\_ XO



- VQ13PTXO
- VQ13TTXO
- VQ13ATXO
- VQ13PPXO

- BV bezvijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko+poklopac
- 16A 250V~, tip VQ13
- utičnica s integriranom zaštitom



SOCKET SCHUKO+COVER 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko+cover
- 16A 250V~, type VQ13
- shuttered live contacts

UTIČNICA ŠUKO DVOSTRUKA 2P+E 16A 250V~



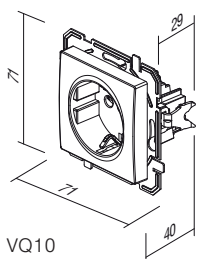
- VQ16PW
- VQ16TI
- VQ16AT

- 2P+E šuko dvostruka
- 16A 250V~, tip VQ16
- usklađeno s normom IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- utičnica s integriranom zaštitom

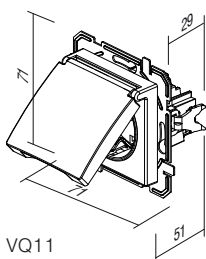


SOCKET SCHUKO DOUBLE 2P+E 16A 250V~

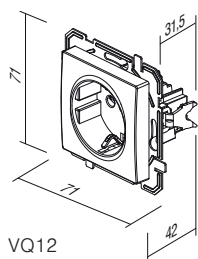
- 2P+E schuko double
- 16A 250V~, type VQ16
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



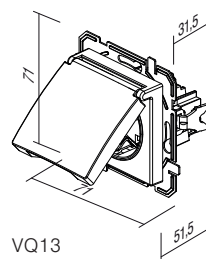
VQ10



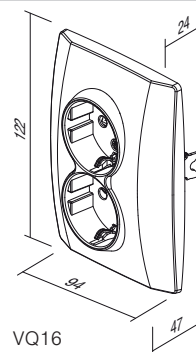
VQ11



VQ12



VQ13



VQ16



- VQ40PWXO
- VQ40TIXO
- VQ40ATXO

- VQ40RDXO
- VQ40GRXO
- VQ40ORXO

#### UTIČNICA FRANCUSKA 2P + E 16A 250V ~

- vijčano pričvršćivanje vodiča presjeka 1.5-2.5mm<sup>2</sup>
- 2P+E francuska
- 16A 250V~, tip VQ40
- utičnica s integriranom zaštitom

#### SOCKET FRENCH 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French
- 16A 250V~, type VQ40
- shuttered live contacts



- VQ41PTXO
- VQ41TTXO
- VQ41ATXO

- VQ41PPXO

#### UTIČNICA FRANCUSKA + POKLOPAC 2P + E 16A 250V~ \_\_ XO

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E francuska+poklopac
- 16A 250V~, tip VQ41
- utičnica s integriranom zaštitom

#### SOCKET FRENCH+COVER 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French+cover
- 16A 250V~, type VQ41
- shuttered live contacts



- VQ42PWXO
- VQ42TIXO
- VQ42ATXO

#### UTIČNICA FRANCUSKA 2P + E 16A 250V~ BV \_\_ XO

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- utičnica s integriranom zaštitom
- 16A 250V~, tip VQ42

#### SOCKET FRENCH 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French
- 16A 250V~, type VQ42
- shuttered live contacts



- VQ43PTXO
- VQ43TTXO
- VQ43ATXO

- VQ43PPXO

#### UTIČNICA FRANCUSKA + POKLOPAC 2P + E 16A 250V~ BV \_\_ XO

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E francuska+poklopac
- 16A 250V~, tip VQ43
- utičnica s integriranom zaštitom

#### SOCKET FRENCH+COVER 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French+cover
- 16A 250V~, type VQ43
- shuttered live contacts



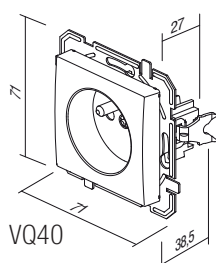
- VQ46PWXO
- VQ46TIXO
- VQ46ATXO

#### UTIČNICA FRANCUSKA DVOSTRUKA 2P + E 16A 250V~

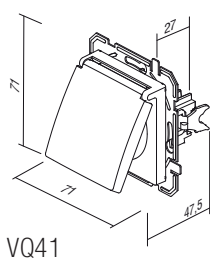
- 2P + E francuska dvostruka
- 16A 250V~, tip VQ46
- sukladno normama IEC 60884-1, CEE7; NF C 61-314, ČSN 33 2318; PN-E 93201
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

#### SOCKET FRENCH DOUBLE 2P+E 16A 250V~

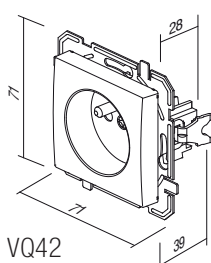
- 2P+E French double
- 16A 250V~, type VQ46
- in accordance with IEC 60884-1, CEE7; NF C 61-314, ČSN 33 2318; PN-E 93201
- screw contacts 1,5-2,5 mm<sup>2</sup>
- shuttered live contacts



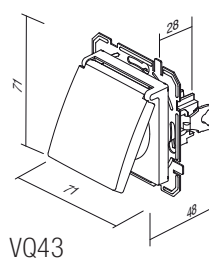
VQ40



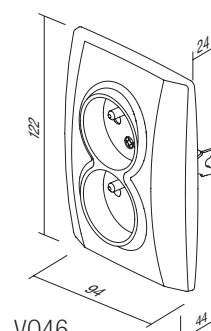
VQ41



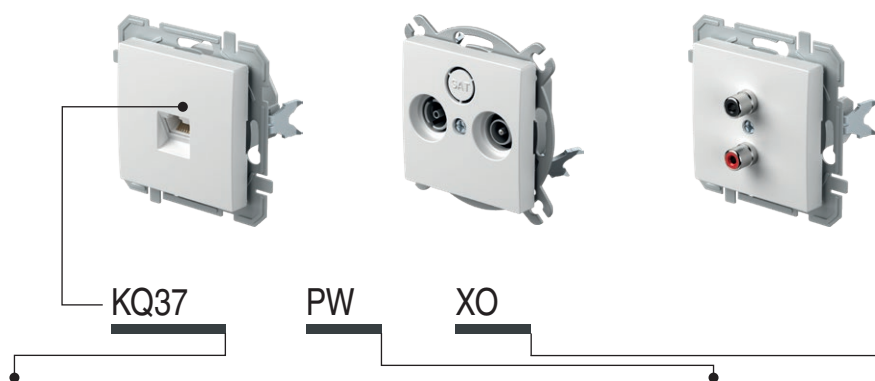
VQ42



VQ43



VQ46



tip type	naziv description	tehnički opis technical data	boja colour	opcijski opis 1 optional data 1
KQ11	UTIČNICA TV-R ZAVRŠNA SOCKET TV-R END-LINE	1dB	<input type="checkbox"/> PW bijela – sjaj polar white	XO bez okvira without cover plate
KQ12	UTIČNICA TV-R PROLAZNA SOCKET TV-R THROUGHPASS	10dB	<input type="checkbox"/> TI titan titanium	
KQ16	UTIČNICA SAT-TV-R ZAVRŠNA SOCKET SAT-TV-R END-LINE	3dB	<input type="checkbox"/> AT antracit anthracite	
...	...	...		

#### UTIČNICA TV OSNOVNA 0dB



- KQ10PWXO
- KQ10TIXO
- KQ10ATXO

- TV osnovna  
- prigušenje 0dB  
- stražnji konektor – F standard  
**SOCKET TV BASIC 0dB**  
- TV basic  
- reduction 0dB  
- back connector – F standard



#### UTIČNICA TV-R ZAVRŠNA 1dB



- KQ11PWXO
- KQ11TIXO
- KQ11ATXO

- TV-R završna  
- frekvencijski raspon 5÷862 MHz  
- prigušenje: R-1.5dB, TV-1dB  
- usklađeno s normom EN 50083-1  
- vijčano priključenje  
**SOCKET TV-R END-LINE 1dB**  
- TV-R end-line  
- frequency range 5÷862 MHz  
- reduction: R-1.5dB, TV-1dB  
- in accordance with EN 50083-1  
- screw contact



#### UTIČNICA TV-R PROLAZNA 10dB



- KQ12PWXO
- KQ12TIXO
- KQ12ATXO

- TV-R prolazna  
- frekvencijski raspon 5÷862 MHz  
- prigušenje: R-10dB, TV-10dB, prolaznost-2dB  
- usklađeno s normom EN 50083-1  
- vijčano priključenje  
**SOCKET TV-R TROUGHPASS 10dB**  
- TV-R troughpass  
- frequency range 5÷862 MHz  
- reduction: R-10dB, TV-10dB, trough-2dB  
- in accordance with EN 50083-1  
- screw contacts



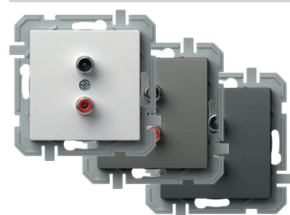
#### UTIČNICA SAT-TV-R ZAVRŠNA 3dB



- KQ16PWXO
- KQ16TIXO
- KQ16ATXO

- SAT-TV-R završna  
- frekvencijski raspon 5÷2400 MHz  
- prigušenje: R-1dB, TV-1.5dB, SAT-3dB  
- usklađeno s normom EN 50083-1  
- vijčano pričvršćivanje  
**SOCKET SAT-TV-R END-LINE 3dB**  
- SAT-TV-R end-line  
- frequency range 5÷2400 MHz  
- reduction: R-1dB, TV-1.5dB, SAT-3dB  
- in accordance with EN 50083-1  
- screw contacts





- KQ22PWXO
- KQ22TIXO
- KQ22ATXO

#### UTIČNICA AUDIO 2xRCA

- audio 2xRCA
- pričvršćivanje vodiča lemljenjem

#### SOCKET AUDIO 2xRCA

- audio 2xRCA
- soldering connection of cable



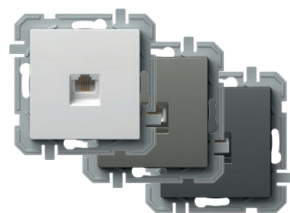
- KQ23PWXO
- KQ23TIXO
- KQ23ATXO

#### UTIČNICA AUDIO ZA ZVUČNIKE

- audio 2x Ø4mm
- za pričvršćivanje vodiča za zvučnike, utikača Ø4mm ili vijluškaste kabljske stopice
- pričvršćivanje vodiča lemljenjem sa stražnje strane

#### SOCKET AUDIO LOUDSPEAKERS

- audio 2x Ø4mm
- to accommodate speaker wire, banana plug Ø4mm or spades
- soldering connection of cable at the back side



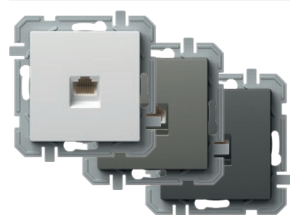
- KQ36PWXO
- KQ36TIXO
- KQ36ATXO

#### UTIČNICA TEL KS RJ11 6/4

- KS keystone standard pričvršćivanja
- RJ11 6/4
- usklađeno s normom IEC 60603-7

#### SOCKET TEL KS RJ11 6/4

- KS keystone fixing standard
- RJ11 6/4
- in accordance with IEC 60603-7



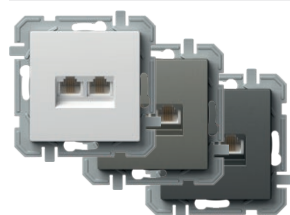
- KQ37PWXO
- KQ37TIXO
- KQ37ATXO

#### UTIČNICA CAT5e KS RJ45 8/8

- KS keystone standard pričvršćivanja
- CAT5e, RJ45 8/8
- usklađeno s normom IEC 60603-7

#### SOCKET CAT5e KS RJ45 8/8

- KS keystone fixing standard
- CAT5e, RJ45 8/8
- in accordance with IEC 60603-7



- KQ38PWXO
- KQ38TIXO
- KQ38ATXO

#### UTIČNICA TEL KS DVOSTRUKA 2x RJ11 6/4

- KS keystone standard pričvršćivanja
- 2x RJ11, 6/4
- usklađeno s normom IEC 60603-7

#### SOCKET TEL KS DOUBLE 2x RJ11 6/4

- KS keystone fixing standard
- 2x RJ11, 6/4
- in accordance with IEC 60603-7



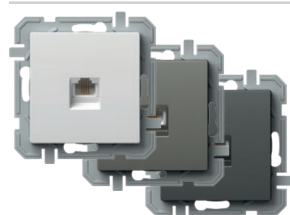
- KQ39PWXO
- KQ39TIXO
- KQ39ATXO

#### UTIČNICA CAT5e KS DVOSTRUKA 2x RJ45 8/8

- KS keystone standard pričvršćivanja
- 2x CAT5e, RJ45 8/8
- usklađeno s normom IEC 60603-7

#### SOCKET CAT5e KS DOUBLE 2x RJ45 8/8

- KS keystone fixing standard
- 2x CAT5e, RJ45 8/8
- in accordance with IEC 60603-7



- KQ35PWXO
- KQ35TIXO
- KQ35ATXO

#### UTIČNICA TEL LT RJ11 6/4

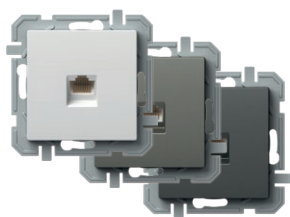
- TEL LT vijak
- vijčano pričvršćivanje vodiča
- RJ11 6/4
- usklađeno s normom IEC 60603-7

#### SOCKET TEL LT RJ11 6/4

- TEL LT screw
- screw contacts
- RJ11 6/4
- in accordance with IEC 60603-7



UTIČNICA CAT6s KS RJ45 8/8 SLIM



- KQ40PWXO
- KQ40TIXO
- KQ40ATXO

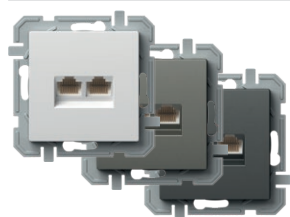
- KS keystone standard pričvrščivanja
- CAT6s, RJ45 8/8
- usklađeno s normom IEC 60603-7

SOCKET CAT6s KS RJ45 8/8 SLIM

- KS keystone fixing standard
- CAT6s, RJ45 8/8
- in accordance with IEC 60603-7



UTIČNICA CAT6s KS DVOSTRUKA 2x RJ45 8/8 SLIM

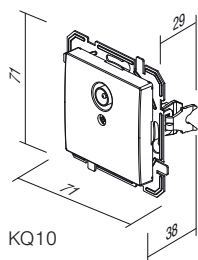


- KQ41PWXO
- KQ41TIXO
- KQ41ATXO

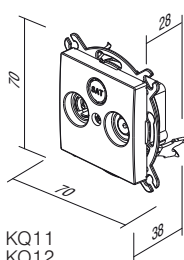
- KS keystone standard pričvrščivanja
- 2x CAT6s, RJ45 8/8
- usklađeno s normom IEC 60603-7

SOCKET CAT6s KS DOUBLE 2x RJ45 8/8 SLIM

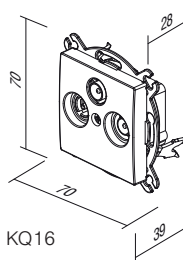
- KS keystone fixing standard
- 2x CAT6s, RJ45 8/8
- in accordance with IEC 60603-7



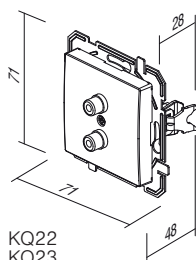
KQ10



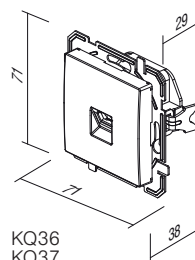
KQ11  
KQ12



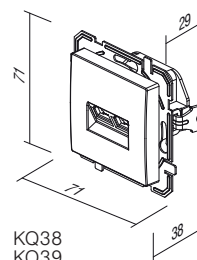
KQ16



KQ22  
KQ23



KQ36  
KQ37  
KQ35  
KQ40



KQ38  
KQ39  
KQ41





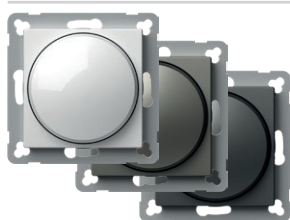
EQ15

PW

XO

tip type	naziv description	tehnički podaci technical data	boja colour	opcijski opis 1 optional data 1
EQ15	ZATAMNIVAČ ROTACIJSKI IZMJEN DIMMER ROTATIVE 2WAY	RL 400W	<input type="checkbox"/> PW bijela – sjaj polar white	XO bez okvira without cover plate
EQ16	ZATAMNIVAČ ROTACIJSKI IZMJEN DIMMER ROTATIVE 2WAY	RLC 400W	<input type="checkbox"/> TI titan titanium	
EQ19	ZATAMNIVAČ ROTACIJSKI IZMJEN DIMMER ROTATIVE 2WAY	LED 100W	<input type="checkbox"/> AT antracit anthracite	
⋮	⋮	⋮		

## ZATAMNIVAČ ROTACIJSKI IZMJEN RL 400W



- EQ15PWXO
- EQ15TIXO
- EQ15ATXO

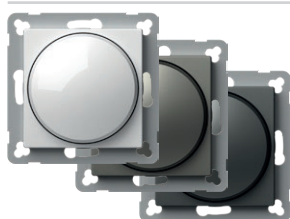
- rotacijski s izmjeničnom sklopkom
- opterećenje RL, 40W – 400W
- mogućnost povezivanja s izmjeničnom sklopkom
- nije dopušteno povezivanje više zatamnivača
- usklađeno s normama EN 60669-1 i EN 60669-2-1
- bezvijačno pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- napajanje 230V<sup>~</sup> 50 Hz
- priložen zamjenjivi osigurač



## DIMMER ROTATIVE 2WAY RL 400W

- rotation control with 2-way switch
- load RL, 40W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V<sup>~</sup> 50Hz
- replaceable fuse included

## ZATAMNIVAČ ROTACIJSKI IZMJEN RLC 400W



- EQ16PWXO
- EQ16TIXO
- EQ16ATXO

- rotacijski s izmjeničnom sklopkom
- opterećenje RLC, 20W – 400W
- mogućnost povezivanja s izmjeničnom sklopkom
- nije dopušteno povezivanje više zatamnivača
- usklađeno s normama EN 60669-1 i EN 60669-2-1
- bezvijačno pričvršćivanje vodiča 1.5mm<sup>2</sup>
- napajanje 230V<sup>~</sup> 50 Hz
- elektronski osigurač



## DIMMER ROTATIVE 2WAY RLC 400W

- rotation control with 2-way switch
- load RLC, 20W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V<sup>~</sup> 50Hz
- electronic fuse

## ZATAMNIVAČ ROTACIJSKI IZMJEN LED 100W



- EQ19PWXO
- EQ19TIXO
- EQ19ATXO

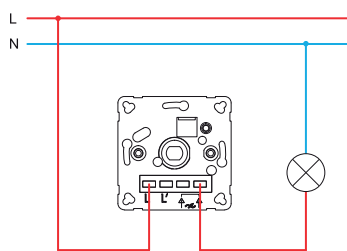
- rotacijski s izmjeničnom sklopkom
- opterećenje: LED, 0-100W (max. 10 LED tinjalica)  
GLS, 10-250W
- mogućnost povezivanja s izmjeničnom sklopkom
- nije dopušteno povezivanje više zatamnivača
- usklađeno s normama EN 60669-1 i EN 60669-2-1
- bezvijačno pričvršćivanje vodiča 1.5-2.5mm<sup>2</sup>
- napajanje 230V<sup>~</sup> 50 Hz
- priložen zamjenjivi osigurač



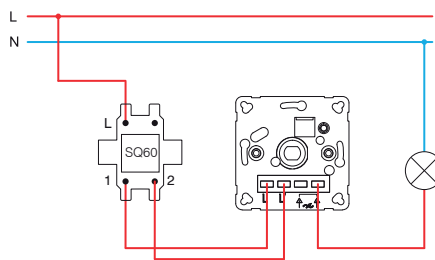
## DIMMER ROTATIVE 2WAY LED 100W

- rotation control with 2-way switch
- load: LED, 0-100W (max. 10 LEDs)  
GLS, 10-250W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V<sup>~</sup> 50Hz
- replaceable fuse included

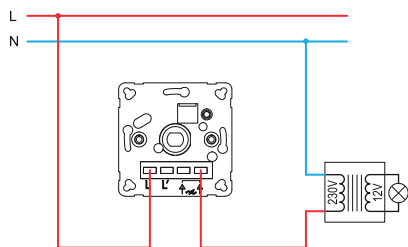
EQ15, EQ16, EQ19



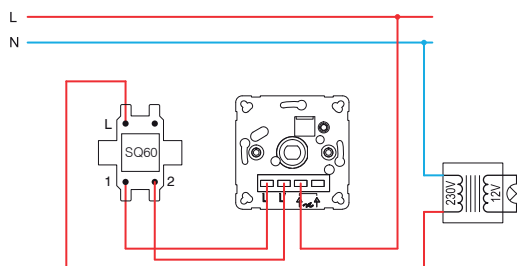
EQ15, EQ16, EQ19



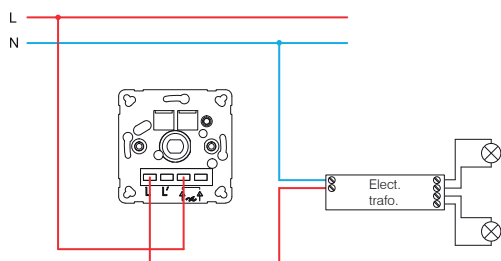
EQ15, EQ16, EQ19



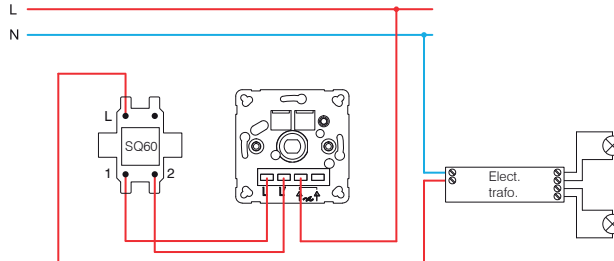
EQ15, EQ16, EQ19



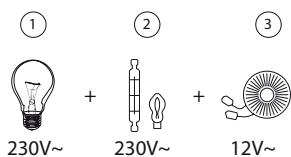
EQ16, EQ19



EQ16, EQ19

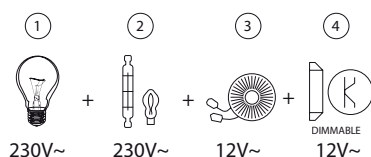


**EQ15 (40÷400W)**



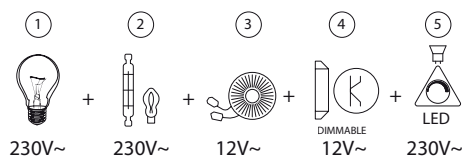
- 1 - žarulja sa žarnom niti / incandescent lamp
- 2 - halogena žarulja / halogen lamp

**EQ16 (20÷400W)**



- 3 - klasični transformator / classical transformer
- 4 - elektronički transformator s mogućnošću prigušivanja / dimmable electronic transformer

**EQ19 (GLS 10÷250W ; LED 0÷100W)**



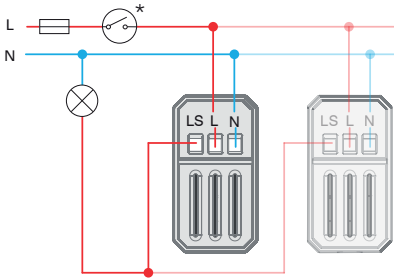
- 5 - LED tinjalica s regulacijom osvijetljenja / dimmable LED lamp



- EQ32PWXO
- EQ32TIXO
- EQ32ATXO

#### IR SKLOPKA 5A 230V~

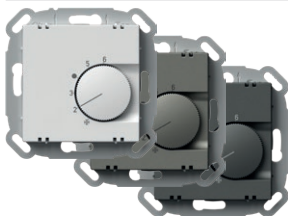
- IR infracrvena sklopka
- napajanje: 230V~ ±10 % 50Hz
- relej: 5A / 250V~ izlaz za ograničeni strujni tok s visokim otporom za prolaz kroz ništicu
- razina zaštite: IP40
- presjek žica na kontaktnom terminalu: 0,75 – 2,5 mm<sup>2</sup>
- kut prepoznavanja: do 110° pri 20°C
- raspon prepoznavanja: približno 8 m pri 20°C
- prilagodljivost vremenskog trajanja: od približno 5 s do 12 min
- prilagodljivost osvijetljenja: od približno 5 do 200 LUX
- radna temperatura: od 0°C do +40°C
- nije prikladan za ugradnju u doze duboke 45 mm
- samo za unutrašnju uporabu



#### IR SWITCH 5A 230V~

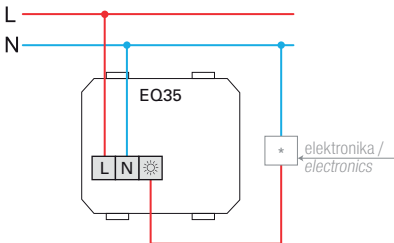
- IR infrared switch
- supply voltage: 230V~ ±10 % 50Hz
- relay: 5A / 250V~ output for limited current with high resistance for zero crossing
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 mm<sup>2</sup>
- detection angle: up to 110° at 20°C
- detection area: approx. 8 m at 20°C
- adjustability of duration: from approx. 5 s to 12 min
- adjustability of brightness: from approx. 5 to 200 LUX
- operating temperature: from 0°C to +40°C
- not suitable for installation in 45 mm deep boxes
- only for indoor usage

#### TERMOSTAT GRIJANJE 10A 230V~



- EQ35PWXO
- EQ35TIXO
- EQ35ATXO

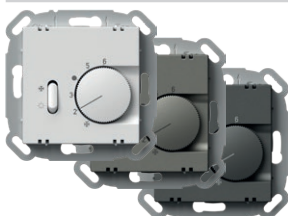
- načina rada: grijanje
- napajanje: 230 V~, 50 Hz
- izlaz: 4 A (max. 10 A), 230 V~, 50 Hz
- izlazni priključak: NC (max. 10 aktuatora)
- raspon regulacije: od +5 °C do +30 °C
- histereza: 0,5 K
- zaštita: IP30
- vrsta senzora: bimetal
- vrsta električnog priključka: opružni kontakti
- vrsta vodiča: 0,75 – 1,5mm<sup>2</sup> (meka žica) ili 1,0 – 2,5 mm<sup>2</sup>(tvrda žica)



#### THERMOSTAT HEATING 10A 230V~

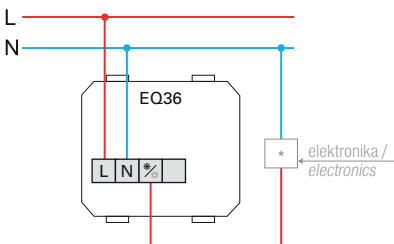
- operation mode: heating
- power supply: 230 V~, 50 Hz
- output: 4 A (max. 10 A), 230 V~, 50 Hz
- switching contact: NC (max. 10 actuators)
- regulation range: +5 °C to +30 °C
- hysteresis: 0,5 K
- protection: IP30
- sensor type: bimetal
- type of electrical connection: spring-loaded contacts
- type of conductors: 0,75 – 1,5mm<sup>2</sup> (flexible-stranded core) or 1,0 – 2,5 mm<sup>2</sup> (solid core)

#### TERMOSTAT GRIJANJE / HLADENJE 5A 230V~



- EQ36PWXO
- EQ36TIXO
- EQ36ATXO

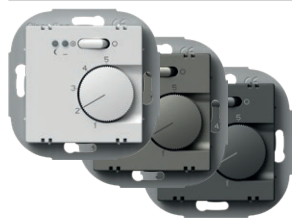
- načina rada: grijanje / hlađenje
- napajanje: 230 V~, 50 Hz
- izlaz: 2 A (max. 5 A), 230 V~, 50 Hz
- izlazni priključak: preklopna sklopka (max. 5 aktuatora)
- raspon regulacije: od +5°C do +30°C
- histereza: 0,5 K
- zaštita: IP30
- vrsta senzora: bimetal
- vrsta električnog priključka: opružni kontakti
- vrsta vodiča: 0,75 – 1,5 mm<sup>2</sup>(meka žica) ili 1,0 – 2,5 mm<sup>2</sup>(tvrda žica)



#### THERMOSTAT HEATING / COOLING 5A 230V~

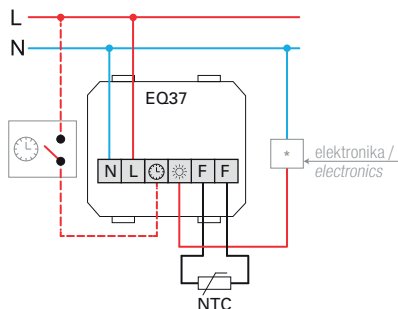
- operation mode: heating / cooling
- power supply: 230 V~, 50 Hz
- output: 2 A (max. 5 A), 230 V~, 50 Hz
- switching contact: changeover switch (toggler, max. 5 actuators)
- regulation range: +5 °C to +30 °C
- hysteresis: 0,5 K
- protection: IP30
- sensor type: bimetal
- type of electrical connection: spring-loaded contacts
- type of conductors: 0,75 – 1,5mm<sup>2</sup> (flexible-stranded core) or 1,0 – 2,5 mm<sup>2</sup> (solid core)

TERMOSTAT PODNO GRIJANJE 16A 230V~



- EQ37PWXO
- EQ37TIXO
- EQ37ATXO

- način rada: podno grijanje
- napajanje: 230 V<sup>~</sup>, 50 Hz
- izlaz: 2 A (max. 16 A), 230 V<sup>~</sup>, 50 Hz
- raspon regulacije: od +10 °C do +50 °C
- histereza: 1 K
- zaštita: IP30
- vrsta senzora: NTC u skladu s DIN EN 60730-2-1
- indikatori:
  - crvena LED za grijanje i
  - zeleni LED za noćni način sa smanjenom funkcionalnošću
- vrsta električnog priključka: vijčani kontakti
- vrsta vodiča: 0,5 -- 2,5 mm<sup>2</sup>



THERMOSTAT FLOOR HEATING 16A 230V~

- operation mode: floor heating
- power supply: 230 V<sup>~</sup>, 50 Hz
- output: 2 A (max. 16 A), 230 V<sup>~</sup>, 50 Hz
- regulation range: +10 °C to +50 °C
- hysteresis: 1 K
- protection: IP30
- sensor type: NTC in compliance with DIN EN 60730-2-1
- indicators: Red LED for heating and green LED for night decrease mode
- type of electrical connection: Screw contacts
- type of conductors: 0,5 – 2,5mm<sup>2</sup>

USB PUNJAČ 5 V 3,0 A



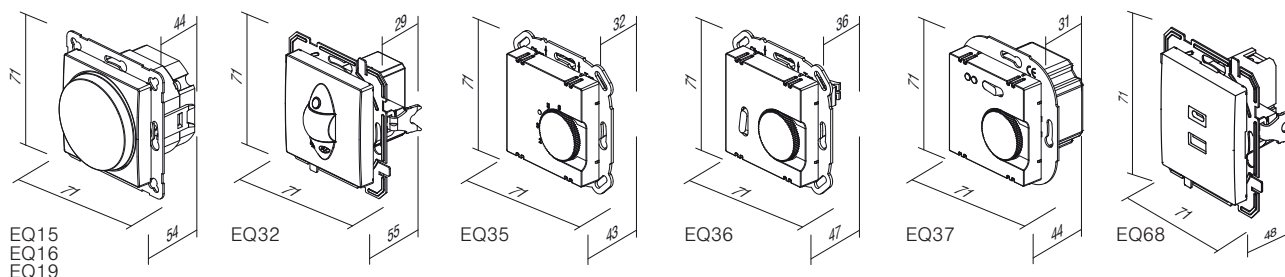
- EQ68PWXO
- EQ68TIXO
- EQ68ATXO

- za punjenje elektroničkih uređaja preko standardnog USB priključka (sukladno i s Apple uređajima)
- napajanje: 100 – 230 V<sup>~</sup> 50/60 Hz
- potrošnja energije: 300 mA pri 100V<sup>~</sup> / 150 mA pri 230V<sup>~</sup>
- potrošnja pri mirovanju: 30 mW pri 230 V<sup>~</sup>
- nazivni izlazni napon: 5 VCD (± 5 %) SELV
- njihanje (ripple) izlaznog napona: 150 mV
- nazivna izlazna snaga: 3,0 A (±10 %)
- vrsta konektora: USB A / USB C
- učinkovitost: maks. 77 %
- radna temperatura: 0 °C / +45 °C (unutrašnja uporaba)
- IP zaštitni razred: IP20, samo za unutrašnju uporabu
- sigurnosni razred uređaja II
- prenaponska kategorija (EN 62109): Klasa III
- vijčano pričvršćivanje vodiča presjeka maks. 2,5 mm<sup>2</sup>
- uređaj s razmakom kontakta od najmanje 3 mm
- sukladno standardu EN 60950-1 te LVD i EMC direktivama

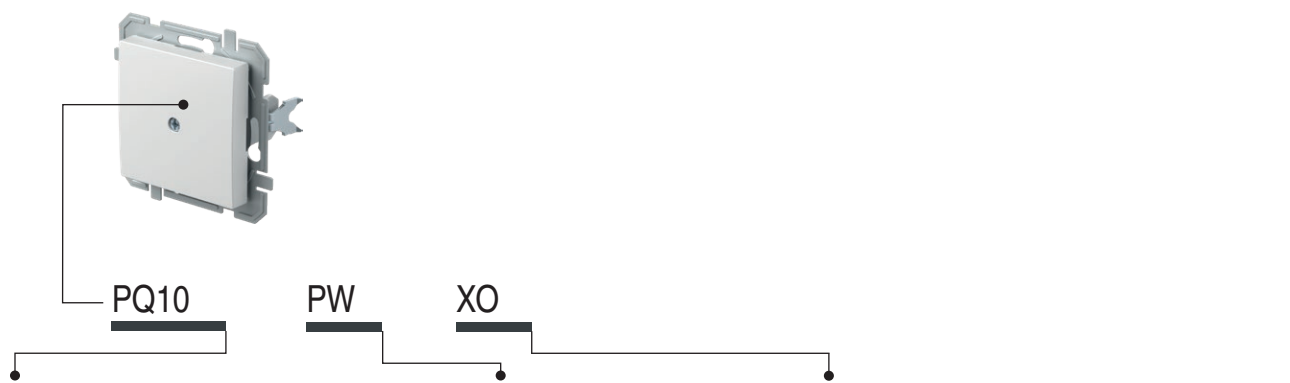


USB POWER SUPPLY UNIT 5V 3.0A

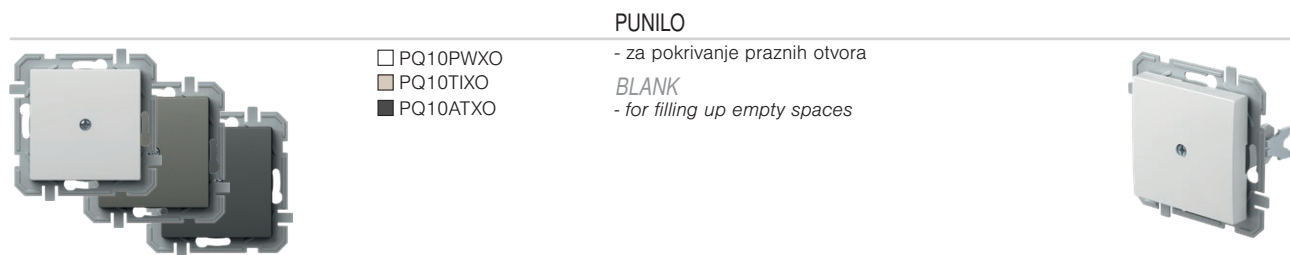
- for charging electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V<sup>~</sup> 50/60Hz
- power consumption: 300mA at 100V<sup>~</sup>/150mA at 230V<sup>~</sup>
- standby power consumption: 30mW at 230V<sup>~</sup>
- nominal output voltage: 5 VCD (± 5%) SELV
- output ripple voltage: 150mV
- nominal output current: 3.0 A (±10%)
- connector type: USB A / USB C
- efficiency: maximum of 77%
- operating temperature: 0°C/+45°C (indoor use)
- IP protection class: IP20, indoor use only
- class device II
- overvoltage category (EN 62109): Class III
- screw contacts: max. 2.5 mm<sup>2</sup>
- device with a contact gap of at least 3mm
- in accordance with the EN 60950-1 and LVD & EMC directives



## A C C E S S O R I E S P Q



tip type	naziv description	boja colour	opcijski opis 1 optional data 1
PQ10	PUNILO BLANK	□ PW bijela – sjaj polar white	XO bez okvira without cover plate
PQ30	POKLOPAC TAE/TDO COVER TAE/TDO	■ TI titan titanium ■ AT antracit anthracite	



## PUNILO

- PQ10PWXO
- PQ10TIXO
- PQ10ATXO

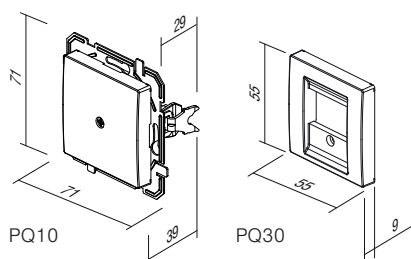
- za pokrivanje praznih otvora  
*BLANK*  
- for filling up empty spaces



## POKLOPAC TAE/TDO

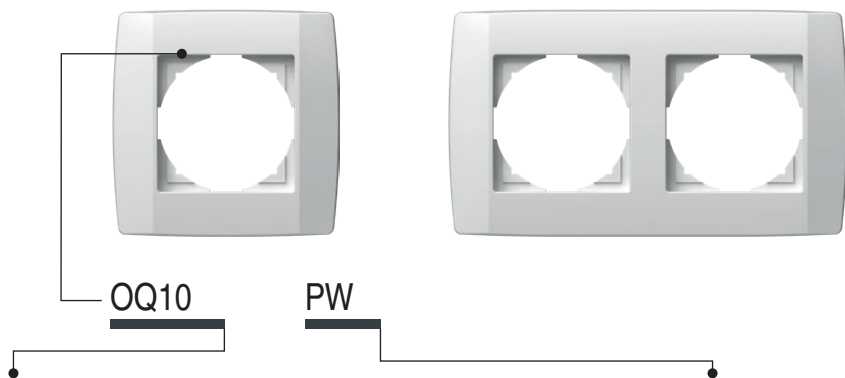
- PQ30PW
- PQ30TI
- PQ30AT

- TAE ili TDO poklopac s vijkom  
*COVER TAE/TDO*  
- TAE or TDO cover with screw



PQ10

PQ30



tip type	naziv description	boja colour
OQ10	OKVIR LOGIQ 1 COVER PLATE LOGIQ 1	PW bijela – sjaj polar white
OQ20	OKVIR LOGIQ 2 COVER PLATE LOGIQ 2	TI titan titanium
OQ30	OKVIR LOGIQ 3 COVER PLATE LOGIQ 3	AT antracit anthracite
:	:	
:	:	



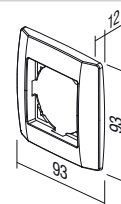
- OQ10PW
- OQ10TI
- OQ10AT

**OKVIR LOGIQ 1**

- dekorativni pojedinačni okvir  
- usklađeno s normom EN 60669-1

**COVER PLATE LOGIQ 1**

- decorative cover plate 1-gang  
- in accordance with EN 60669-1



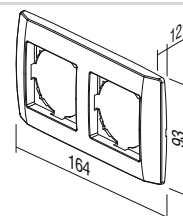
- OQ20PW
- OQ20TI
- OQ20AT

**OKVIR LOGIQ 2**

- dekorativni dvostruki okvir  
- u skladu s EN 60669-1

**COVER PLATE LOGIQ 2**

- decorative cover plate 2-gang  
- in accordance with EN 60669-1



## C O V E R P L A T E S O Q



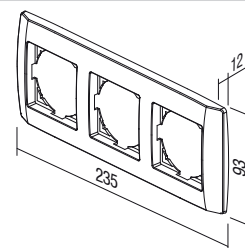
OQ30PW  
 OQ30TI  
 OQ30AT

**OKVIR LOGIQ 3**

- dekorativni trostruki okvir  
- u skladu s EN 60669-1

**COVER PLATE LOGIQ 3**

- decorative cover plate 3-gang  
- in accordance with EN 60669-1



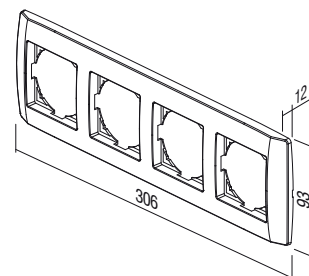
OQ40PW  
 OQ40TI  
 OQ40AT

**OKVIR LOGIQ 4**

- dekorativni četverostruki okvir  
- u skladu s EN 60669-1

**COVER PLATE LOGIQ 4**

- decorative cover plate 4-gang  
- in accordance with EN 60669-1



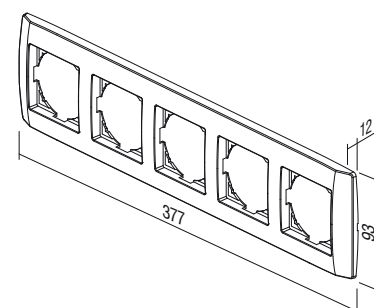
OQ50PW  
 OQ50TI  
 OQ50AT

**OKVIR LOGIQ 5**

- dekorativni peterostruki okvir  
- u skladu s EN 60669-1

**COVER PLATE LOGIQ 5**

- decorative cover plate 5-gang  
- in accordance with EN 60669-1



TEM

ekonomik







# ekonomik

## **PLANIRANO ZA SAVRŠENSTVO** **Stil je bitan**

Neutralan, kompaktan, elegantan dizajn može se prilagoditi svakom okruženju u kojem boravite ili radite. Ne odstupa od interijera, nego se u nj harmonično uklapa.

## **PLANNED FOR EXCELLENCE** **Style is essential**

A neutral, compact, elegant design is adjustable to every working or living area. It does not stick out from the interior, but rather harmonically fits into it.





# ekonomik

## HARMONIJA BOJA Odaberite svoju nijansu

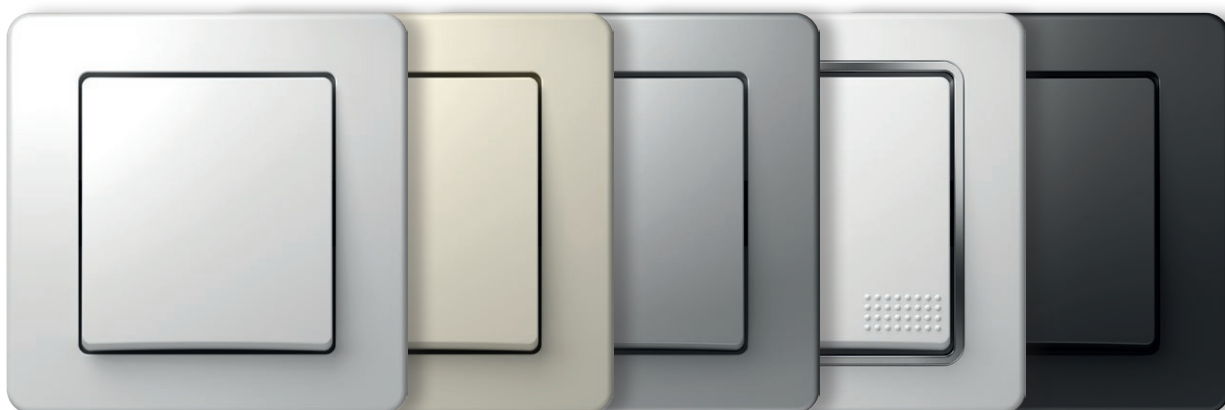
Želje mogu biti vrlo različite. Stoga smo za vas pomno odabrali mogućnosti koje vam pružaju pravi odgovor. Neutralna paleta boja dodatno će ispuniti Vaš ambijent – neće vas ograničavati.

## HARMONY OF COLOURS Choose your hue

Desires can be very different. Therefore we have carefully selected possibilities for you, which can offer you the right answer. A neutral palette of colours will only complement your ambient - it will not restrict it.

<input type="checkbox"/> PW	<b>bijela sjajna</b>	<i>polar white</i>
<input type="checkbox"/> IW	<b>bež sjajna</b>	<i>ivory white</i>
<input type="checkbox"/> ES	<b>srebrna mat</b>	<i>elox silver</i>
<input type="checkbox"/> CO	<b>bijeli duroplast</b>	<i>white thermoset</i>
<input type="checkbox"/> NB	<b>crna sjajna</b>	<i>night black</i>





## JEDNOSTAVNO RJEŠENJE ZA NAJZAHTJEVNIJE KLIJENTE

Pomnim planiranjem osigurali smo kontaktnu zaštitu elemenata pod naponom. Osnovno pričvršćivanje mehanizama s pomoću nožica (1) omogućuje i naknadno učvršćivanje vijcima (2). Takav način pričvršćivanja posebno je primjeren za sigurno i pouzdano pričvršćivanje utičnica.

## SIMPLE FOR THE MOST DEMANDING

By careful planning elements under voltage have been protected against touching. Basic fixing of mechanisms with fixing claws (1) allows additional strengthening with screws (2). This manner is especially appropriate for safe and reliable fixing of sockets.



**KOMBINIRAJTE PREMA SVOJOJ ŽELJI.**  
COMBINE AS YOU PLEASE.



Kombiniranjem štedite prostor na svojem zidu.  
Kada imate ograničen prostor, vertikalni raspored ispravno je rješenje.

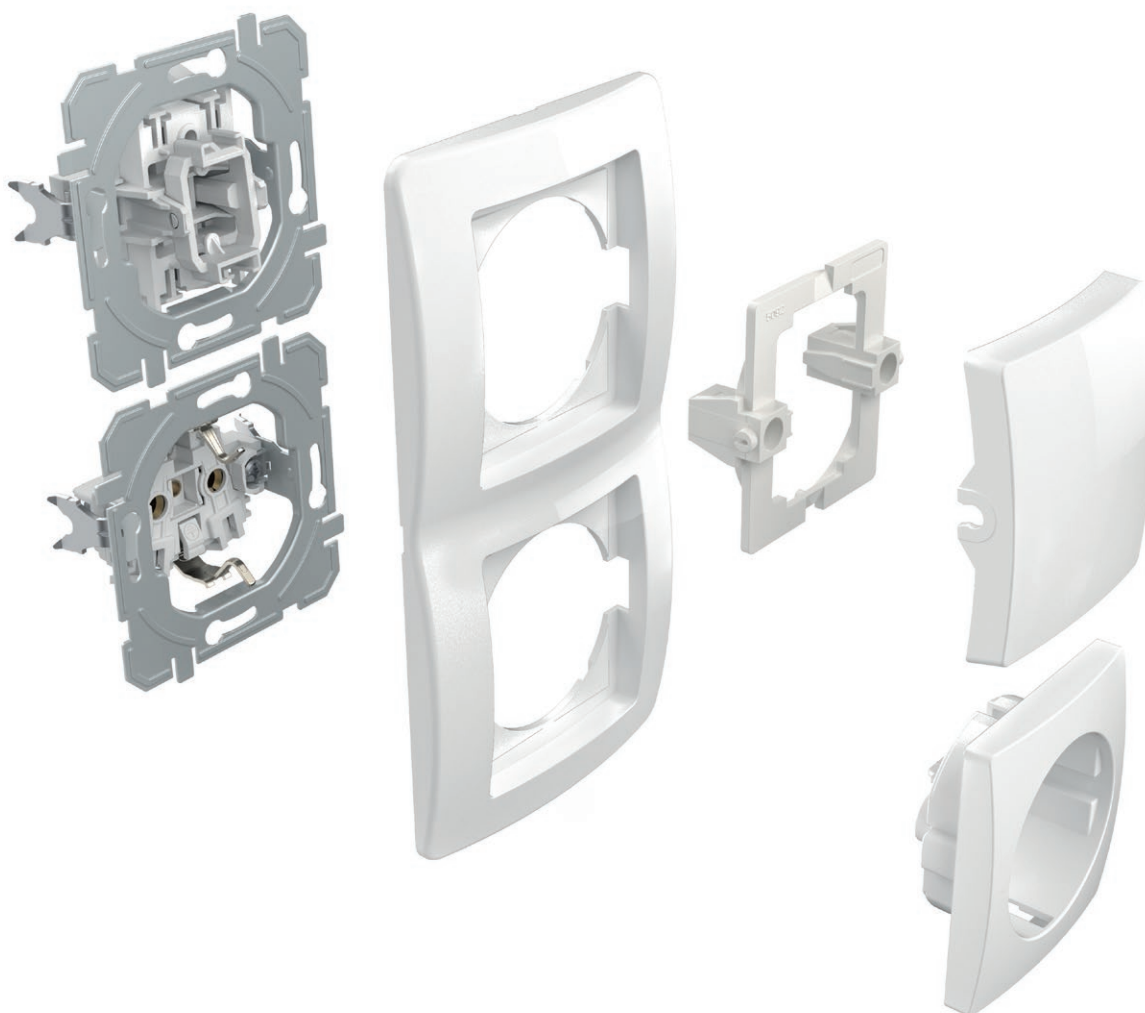
With combining you save space on the wall.  
When faced with a limited space, »vertically« is the right decision.

## J E D N O S T A V N A I N S T A L A - C I J A

Ekonomik je rješenje za sustav standardnih okruglih kutija. S pomoću njega možemo planirati jednostavne instalacije, novogradnje i adaptacije, ali i one zahtjevnije. Sustav karakterizira spajanje bez upotrebe vijaka, što će vam uštedjeti vrijeme pri ugradnji elemenata.

### EASY INSTALLATION

Ekonomik is a solution for the system of standardized round installations boxes. It can be used for simple as well as more demanding installations, new buildings and adaptations. The system is characterised by plug-in contacts which save time during installation of elements.





# DOBRO JE ZNATI

## GOOD TO KNOW



Sve su utičnice opremljene sigurnosnim sklopovima koji osiguravaju zaštitu od kontakta s naponom.

All the sockets are equipped with a safety shutters assuring the protection to live contacts.



Dobro osmišljena konstrukcija sklopki omogućuje jednostavnu dodatnu indikaciju.

The well-thought-out design of the switch enables the easy integration of the indication, including at a later time.



Pouzdanost preklopa osiguravaju kontakti izrađeni od srebrne legure.

Contacts made of silver alloy guarantee safe switching.



Spajanje bez vijaka omogućuje brzo i pouzdano priključenje vodiča. Na isti se kontakt mogu pričvrstiti dva vodiča različitih presjeka.

Plug-in contacts enable quick and reliable attachment of wires. Two wires of different diameters can be attached to the same contact.



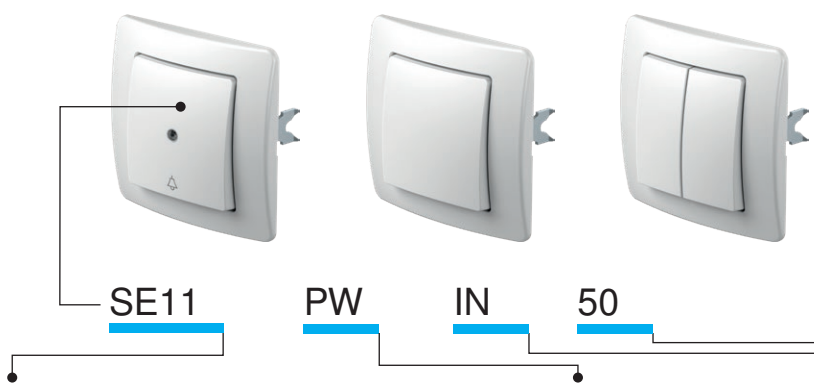
Nožice omogućavaju dublje pričvršćivanje (i preko keramičkih pločica i sl.)








Fixing claws enable deeper fixing (also through ceramic tiles, etc.)



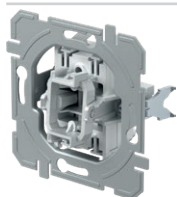
Montažne kutije olakšat će Vam posao ugradnje. Zajamčene su odgovarajuće duljine.

Easy-fitting installation boxes will make your work easier. Proper lengths are guaranteed.



tip type	naziv description	tehnički podaci technical data	boja colour	opcijski podaci 1 optional data 1	opcijski podaci 2 optional data 2
SE10	SKLOPKA JEDNOPOLNA SWITCH 1WAY	10AX 250V~	<input type="checkbox"/> PW bijela sjajna polar white	 NT neutralna neutral	 50
SE11	TIPKALO JEDNOPOLNO PUSH BUTTON 1WAY	10A 250V~	<input type="checkbox"/> IW bež sjajna ivory white	 IN indikator indicator	 51
SE22	SKLOPKA DVOPOLNA SWITCH 2POLE	16AX 250V~	<input type="checkbox"/> ES srebrna mat elox silver		 03
...	...	...	<input type="checkbox"/> CO bijeli duroplast white thermoset		 04
...	...	...	<input type="checkbox"/> NB crna sjajna night black		...

SKLOPKA JEDNOPOLNA 10AX 250V ~



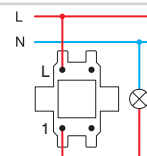
SE10

- 10AX 250V~, tip SE10
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

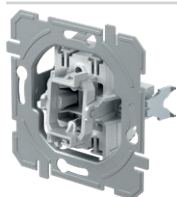


SWITCH 1WAY 10AX 250V~

- 10AX 250V~, type SE10
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>

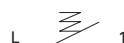


TIPKALO JEDNOPOLNO 10A 250V ~



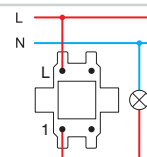
SE11

- 10A 250V~, tip SE11
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

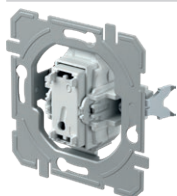


PUSH BUTTON 1WAY 10A 250V~

- 10A 250V~, type SE11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>

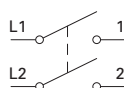


SKLOPKA DVOPOLNA 16AX 250V ~



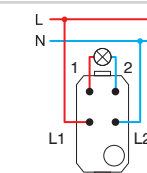
SE22

- 16AX 250V~, tip SE22
- sukladno normi EN 60669-1
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- samo u kombinaciji s tipkom TE10\_\_NT03

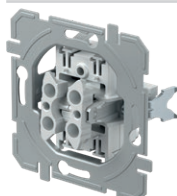


SWITCH 2POLE 16AX 250V~

- 16AX 250V~, type SE22
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm<sup>2</sup>
- only in combination with button TE10\_\_NT03

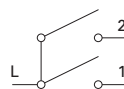


SKLOPKA SERIJSKA JEDNOPOLNA 10AX 250V ~



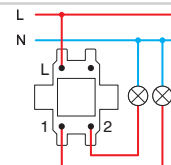
SE50

- 10AX 250V~, tip SE50
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>



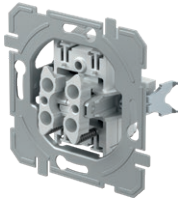
SWITCH 2GANG-1WAY 10AX 250V~

- 10AX 250V~, type SE50
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



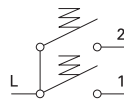
## S W I T C H E S S E

## TIPKALO SERIJSKO-JEDNOPOLNO 10A 250V ~

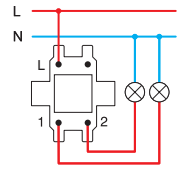


SE51

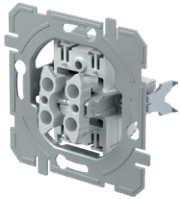
- 10A 250V~, tip SE51
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

*PUSH BUTTON 2GANG-1WAY 10A 250V~*

- 10A 250V~, type SE51
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>

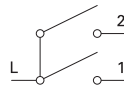


## SKLOPKA ŽALUZIJSKA 10AX 250V ~

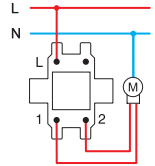


SE52

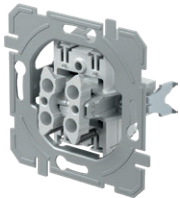
- 10AX 250V~, tip SE52
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- s mehaničkom blokadom

*SWITCH SHUTTERS 10AX 250V~*

- 10AX 250V~, type SE52
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>
- with mechanical interblock

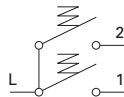


## TIPKALO ŽALUZIJSKO 10A 250V ~

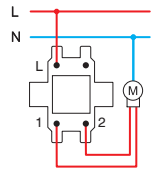


SE53

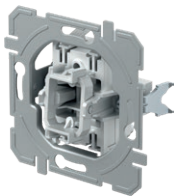
- 10A 250V~, tip SE53
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- s mehaničkom blokadom

*PUSH BUTTON SHUTTERS 10A 250V~*

- 10A 250V~, type SE53
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>
- with mechanical interblock

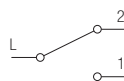


## SKLOPKA IZMJENIČNA 10AX 250V ~

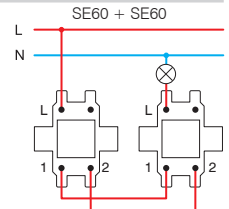


SE60

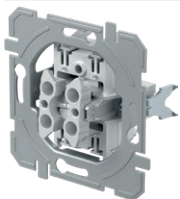
- 10AX 250V~, tip SE60
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

*SWITCH 2WAY 10AX 250V~*

- 10AX 250V~, type SE60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA IZMJENIČNA DVOSTRUKA 10AX 250V ~

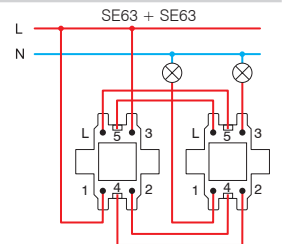


SE63

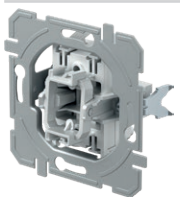
- 10AX 250V~, tip SE63
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

*SWITCH DOUBLE 2WAY 10AX 250V~*

- 10AX 250V~, type SE63
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA KRIŽNA 10AX 250V ~

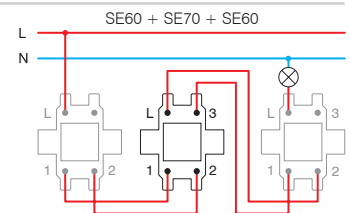


SE70

- 10AX 250V~, tip SE70
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

*SWITCH INTERMEDIATE 10AX 250V~*

- 10AX 250V~, type SE70
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA JEDNOPOLNA 10AX 250V ~



- SE10PW
- SE10IW
- SE10ES
- SE10CO
- SE10NB

- 10AX 250V~, tip SE10  
- sukladno normi EN 60669-1  
- bezvižčani kontakti 1,5-2,5mm<sup>2</sup>

*SWITCH 1WAY 10AX 250V~*  
- 10AX 250V~, type SE10  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA JEDNOPOLNA 10AX 250V~ \_\_ IN



- SE10PWIN
- SE10IWIN
- SE10ESIN
- SE10COIN
- SE10NBIN

- IN indikator  
- 10AX 250V~, tip SE10  
- sukladno normi EN 60669-1  
- bezvižčani kontakti 1,5-2,5mm<sup>2</sup>

*SWITCH 1WAY 10AX 250V~ \_\_ IN*  
- IN indicator  
- 10AX 250V~, type SE10  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## TIPKALO JEDNOPOLNO 10A 250V ~



- SE11PW
- SE11IW
- SE11ES
- SE11CO
- SE11NB

- 10A 250V~, tip SE11  
- sukladno normi EN 60669-1  
- bezvižčani kontakti 1,5-2,5mm<sup>2</sup>

*PUSH BUTTON 1WAY 10A 250V~*  
- 10A 250V~, type SE11  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## TIPKALO JEDNOPOLNO 10A 250V ~ \_\_ TI 50



- SE11PWTI50
- SE11IWTI50
- SE11ESTI50
- SE11COTI50
- SE11NBTI50

- TI 50 indikator zvono + neonska tinjalica  
- 10A 250V~, tip SE11  
- sukladno normi EN 60669-1  
- bezvižčani kontakti 1,5-2,5mm<sup>2</sup>

*PUSH BUTTON 1WAY 10A 250V~ \_\_ TI 50*  
- TI 50 indicator bell+neon lamp  
- 10A 250V~, type SE11  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## TIPKALO JEDNOPOLNO 10A 250V ~ \_\_ TI 51



- SE11PWTI51
- SE11IWTI51
- SE11ESTI51
- SE11COTI51
- SE11NBTI51

- TI 51 indikator svjetlo + neonska tinjalica  
- 10A 250V~, tip SE11  
- sukladno normi EN 60669-1  
- bezvižčani kontakti 1,5-2,5mm<sup>2</sup>

*PUSH BUTTON 1WAY 10A 250V~ \_\_ TI 51*  
- TI 51 indicator light+neon lamp  
- 10A 250V~, type SE11  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## TIPKALO JEDNOPOLNO 10A 250V ~ \_\_ IL



- SE11PWIL
- SE11IWIL
- SE11ESIL
- SE11COIL
- SE11NBIL

- IL natpisna pločica  
- 10A 250V~, tip SE11  
- sukladno normi EN 60669-1  
- bezvižčani kontakti 1,5-2,5mm<sup>2</sup>

*PUSH BUTTON 1WAY 10A 250V~ \_\_ IL*  
- IL inscription plate  
- 10A 250V~, type SE11  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA DVOPOLNA 16AX 250V~ \_\_ IN 03



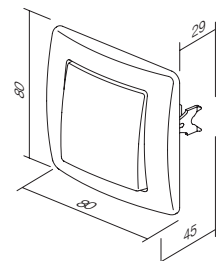
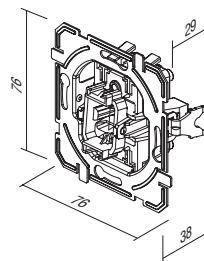
- SE22PWIN03
- SE22IWIN03
- SE22ESIN03
- SE22NBIN03

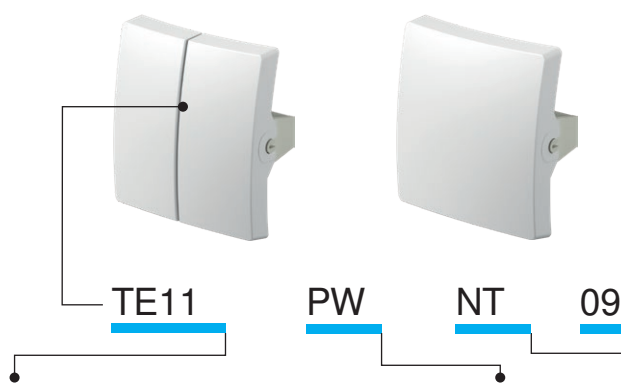
- IN 03 neutralna 0-1  
- 16AX 250V~, tip SE22  
- sukladno normi EN 60669-1  
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>

*SWITCH 2POLE 16AX 250V~ \_\_ IN 03*  
- IN 03 neutral 0-1  
- 16AX 250V~, type SE22  
- in accordance with EN 60669-1  
- screw contacts 1.5-2.5mm<sup>2</sup>



	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE50PW</li> <li><input type="checkbox"/> SE50IW</li> <li><input type="checkbox"/> SE50ES</li> <li><input type="checkbox"/> SE50CO</li> <li><input type="checkbox"/> SE50NB</li> </ul>	<b>SKLOPKA SERIJSKA-JEDNOPOLNA 10AX 250V ~</b>	<ul style="list-style-type: none"> <li>- 10AX 250V~, tip SE50</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčani kontakti 1,5-2,5mm<sup>2</sup></li> </ul>	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE51PW</li> <li><input type="checkbox"/> SE51IW</li> <li><input type="checkbox"/> SE51ES</li> <li><input type="checkbox"/> SE51CO</li> <li><input type="checkbox"/> SE51NB</li> </ul>	<b>TIPKALO SERIJSKO-JEDNOPOLNO 10A 250V ~</b>	<ul style="list-style-type: none"> <li>- 10A 250V~, tip SE51</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčani kontakti 1,5-2,5mm<sup>2</sup></li> </ul>	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE52PWNT09</li> <li><input type="checkbox"/> SE52IWNT09</li> <li><input type="checkbox"/> SE52ESNT09</li> <li><input type="checkbox"/> SE52CONT09</li> <li><input type="checkbox"/> SE52NBNT09</li> </ul>	<b>SKLOPKA ŽALUZIJSKA 10AX 250V ~ __ NT 09</b>	<ul style="list-style-type: none"> <li>- NT 09 neutralno gore-dolje</li> <li>- 10AX 250V~, tip SE52</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup></li> <li>- s mehaničkom blokadom</li> </ul>	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE53PWNT09</li> <li><input type="checkbox"/> SE53IWNT09</li> <li><input type="checkbox"/> SE53ESNT09</li> <li><input type="checkbox"/> SE53CONT09</li> <li><input type="checkbox"/> SE53NBNT09</li> </ul>	<b>TIPKALO ŽALUZIJSKO 10A 250V~ __ NT 09</b>	<ul style="list-style-type: none"> <li>- NT 09 neutralno gore-dolje</li> <li>- 10A 250V~, tip SE53</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčani kontakti 1,5-2,5mm<sup>2</sup></li> <li>- s mehaničkom blokadom</li> </ul>	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE60PW</li> <li><input type="checkbox"/> SE60IW</li> <li><input type="checkbox"/> SE60ES</li> <li><input type="checkbox"/> SE60CO</li> <li><input type="checkbox"/> SE60NB</li> </ul>	<b>SKLOPKA IZMJENIČNA 10AX 250V ~</b>	<ul style="list-style-type: none"> <li>- 10AX 250V~, tip SE60</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčani kontakti 1,5-2,5mm<sup>2</sup></li> </ul>	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE63PW</li> <li><input type="checkbox"/> SE63IW</li> <li><input type="checkbox"/> SE63ES</li> <li><input type="checkbox"/> SE63CO</li> <li><input type="checkbox"/> SE63NB</li> </ul>	<b>SKLOPKA IZMJENIČNA DVOSTRUKA 10AX 250V ~</b>	<ul style="list-style-type: none"> <li>- 10AX 250V~, tip SE63</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčani kontakti 1,5-2,5mm<sup>2</sup></li> </ul>	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> SE70PW</li> <li><input type="checkbox"/> SE70IW</li> <li><input type="checkbox"/> SE70ES</li> <li><input type="checkbox"/> SE70CO</li> <li><input type="checkbox"/> SE70NB</li> </ul>	<b>SKLOPKA KRIŽNA 10AX 250V ~</b>	<ul style="list-style-type: none"> <li>- 10AX 250V~, tip SE70</li> <li>- sukladno normi EN 60669-1</li> <li>- bezvijčani kontakti 1,5-2,5mm<sup>2</sup></li> </ul>	





tip type	naziv description	boja colour	opsijski podaci 1 optional data 1	opsijski podaci 2 optional data 2
TE10	TIPKA OBIČNA BUTTON 1GANG	<input type="checkbox"/> PW bijela sjajna polar white	NT neutralna neutral	50
TE11	TIPKA SERIJSKA BUTTON 2GANG	<input type="checkbox"/> IW bež sjajna ivory white	IN indikator indicator	51
...	...	<input type="checkbox"/> ES srebrna mat elox silver		03
...	...	<input type="checkbox"/> CO bijeli duroplast white thermoset		04
...	...	<input type="checkbox"/> NB crna sjajna night black		

TIPKA OBIČNA

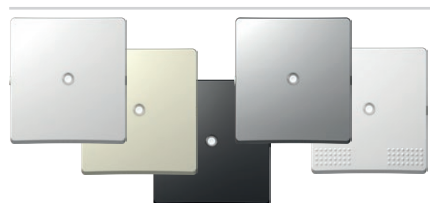


- TE10PW
- TE10IW
- TE10ES
- TE10CO
- TE10NB

- tipka zajedno s nosačem  
BUTTON 1GANG  
- button together with carrier



TIPKA INDIKATOR

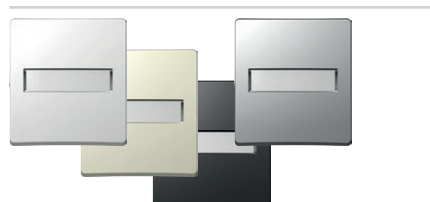


- TE10PWIN
- TE10IWIN
- TE10ESIN
- TE10COIN
- TE10NBIN

- tipka zajedno s nosačem  
BUTTON INDICATOR  
- button together with carrier



TIPKA S NATPISNOM PLOČICOM



- TE13PWIL
- TE13IWIL
- TE13ESIL
- TE13NBIL

- tipka zajedno s nosačem, s natpisnom pločicom  
BUTTON WITH INSCRIPTION PLATE  
- button together with carrier, with inscription plate

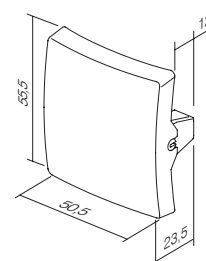
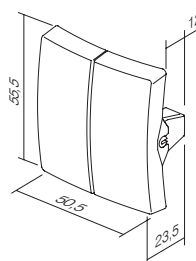


TIPKA SERIJSKA

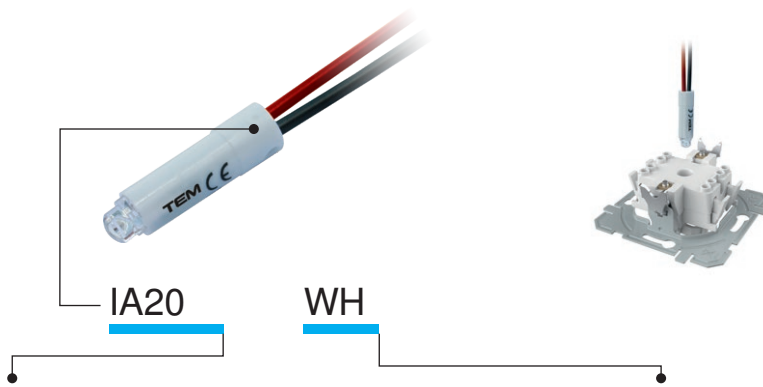


- TE11PW
- TE11IW
- TE11ES
- TE11CO
- TE11NB

- tipka serijska zajedno s nosačem  
BUTTON 2GANG  
- button 2gang together with carrier

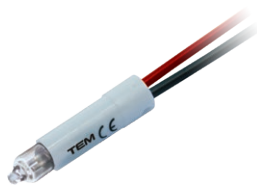


## S I G N A L I Z A T I O N I A



tip type	naziv description	tehnički podaci technical data	boja colour
IA10	NEONSKA TINJALICA NEON LAMP	230V~ 0,34W	<input type="checkbox"/> WH bijela white
IA20	LED SIGNALIZACIJA LED SIGNALLING UNIT	230V~ 0,40W	<input checked="" type="checkbox"/> BL plava blue
IA21	LED SIGNALIZACIJA LED SIGNALLING UNIT	24V AC/DC 0,20W	<input checked="" type="checkbox"/> RD crvena red
⋮	⋮	⋮	<input checked="" type="checkbox"/> GR zelena green
⋮	⋮	⋮	<input checked="" type="checkbox"/> OR narančasta orange

## NEONSKA TINJALICA 230V~ 0,34W

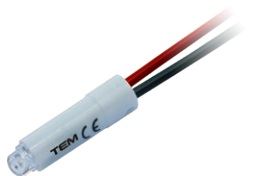

 IA10OR

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

*NEON LAMP 230V~ 0,34W*

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

## LED SIGNALIZACIJA 230V AC/DC 0,40W

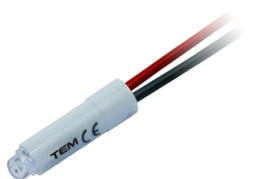

 IA20WH  
 IA20GR  
 IA20RD  
 IA20BL

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

*LED SIGNALLING UNIT 230V AC/DC 0,40W*

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

## LED SIGNALIZACIJA 24V AC/DC 0,20W

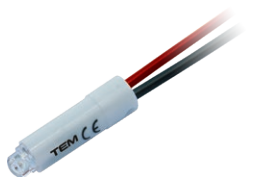

 IA21WH  
 IA21RD

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

*LED SIGNALLING UNIT 24V AC/DC 0,20W*

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

## LED SIGNALIZACIJA 12V AC/DC 0,10W


 IA22WH  
 IA22RD

- za indicaciju, signalizaciju ili stalnu signalizaciju
- u kombinaciji s tipkom s indikatorom

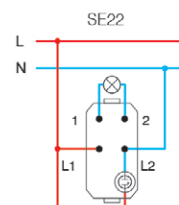
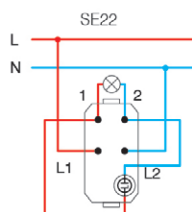
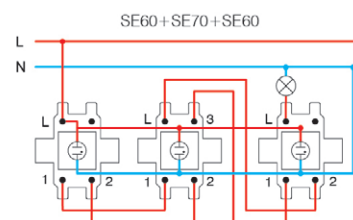
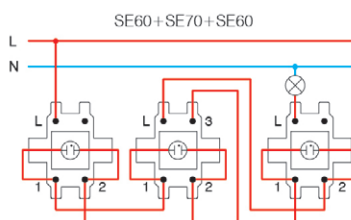
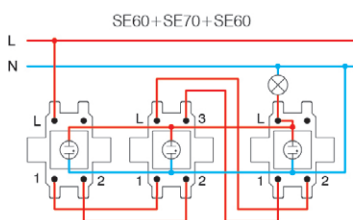
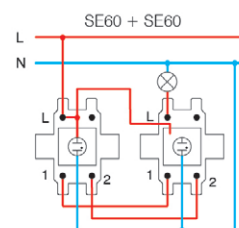
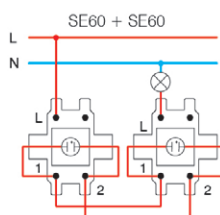
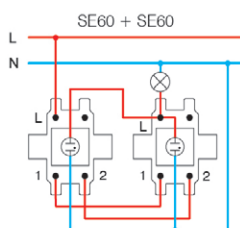
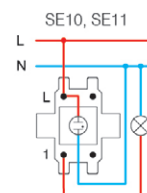
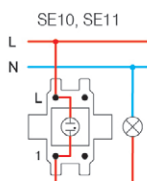
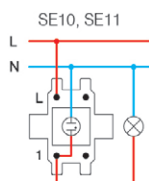
*LED SIGNALLING UNIT 12V AC/DC 0,10W*

- for indication, signalling or permanent signalling
- in combination with a button featuring an indicator

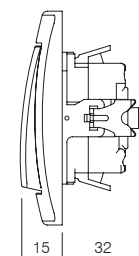
Indikacija /  
Indication

\* Signalizacija /  
Signalization

Stalna signalizacija /  
Permanent signalling



\* spajanje nije prikladno za štedljive (CFL, LED) tinjalice /  
the connections are not suitable for energy-saving bulbs (CFL, LED)





## S O C K E T S V E



VE11



PT

XO

KS



tip type	naziv description	tehnički podaci technical data	opsijski podaci 1 optional data 1	opsijski podaci 2 optional data 2
VE10	ŠUKO UTIČNICA SOCKET SCHUKO	2P+E 16A 250V~	XO bez okvira without cover plate	KS utičnica s integriranom zaštitom shuttered live contacts
VE11	ŠUKO UTIČNICA+POKLOPAC SOCKET SCHUKO+COVER	2P+E 16A 250V~		
VE12	ŠUKO UTIČNICA SOCKET SCHUKO	2P+E 16A 250V~ BV	KS utičnica s integriranom zaštitom shuttered live contacts	
⋮	⋮	⋮		
⋮	⋮	⋮		

boja  
colour

<input type="checkbox"/> PW bijela sjajna polar white	<input checked="" type="checkbox"/> PT bijela+prozirna white+transparent	<input type="checkbox"/> PP bijela+bijela white+white
<input checked="" type="checkbox"/> IW bež sjajna ivory white	<input checked="" type="checkbox"/> IT bež+prozirna ivory+transparent	<input checked="" type="checkbox"/> II bež+bež ivory+ivory
<input type="checkbox"/> ES srebrna mat elox silver	<input checked="" type="checkbox"/> ST srebrna+prozirna silver+transparent	<input type="checkbox"/> SS srebrna+srebrna silver+silver
<input type="checkbox"/> CO bijeli duroplast white thermoset	<input checked="" type="checkbox"/> CT bijela+prozirna white+transparent	<input type="checkbox"/> BB crna+crna black+black
<input checked="" type="checkbox"/> NB crna sjajna night black	<input checked="" type="checkbox"/> BT crna+prozirna black+transparent	<input checked="" type="checkbox"/> RR crvena+crvena red+red
<input checked="" type="checkbox"/> RD crvena red	<input checked="" type="checkbox"/> RT crvena+prozirna red+transparent	<input checked="" type="checkbox"/> GG zelena+zelena green+green
<input checked="" type="checkbox"/> GR zelena green	<input checked="" type="checkbox"/> GT zelena+prozirna green+transparent	<input checked="" type="checkbox"/> OO narančasta+narančasta orange+orange
<input checked="" type="checkbox"/> OR narančasta orange	<input checked="" type="checkbox"/> OT narančasta+prozirna orange+transparent	

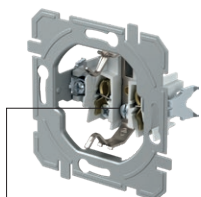
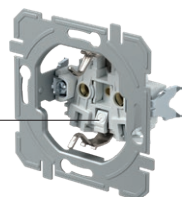
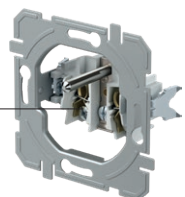
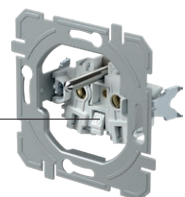


šuko – sukladno normi EN 60884-1, CEE7 (lista standarda III)

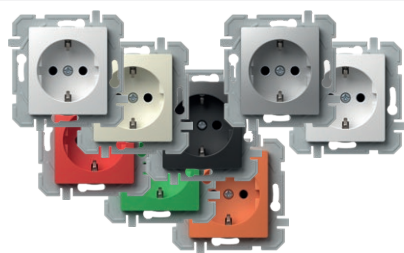
francuska – sukladno normi NF C 61-314 (lista standarda V)

šuko - in accordance with EN 60884-1, CEE7 (standard sheet III)

French - in accordance with NF C 61-314 (standard sheet V)

vijčano pričvršćivanje vodiča  
screw contactsBV bezvijčano pričvršćivanje  
BV plug-in contactsvijčano pričvršćivanje vodiča  
screw contactsBV bezvijčano pričvršćivanje  
BV plug-in contacts

UTIČNICA ŠUKO 2P + E 16A 250V ~ \_\_ XO



- VE10PWXO
- VE10IWXO
- VE10ESXO
- VE10COXO
- VE10NBXO
- VE10RDXO
- VE10GRXO
- VE10ORXO

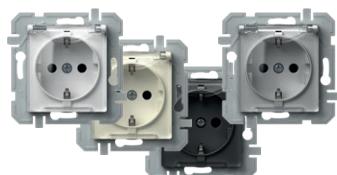
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko
- 16A 250V~, tip VE10

SOCKET SCHUKO 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko
- 16A 250V~, type VE10



UTIČNICA ŠUKO + POKLOPAC 2P + E 16A 250V ~ \_\_ XO



- VE11PTXO
- VE11ITXO
- VE11STXO
- VE11BTXO

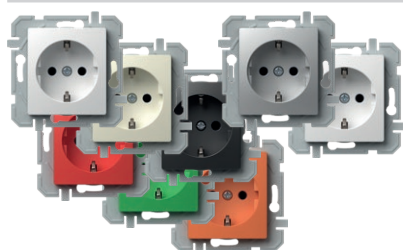
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko+poklopac
- 16A 250V~, tip VE11

SOCKET SCHUKO+COVER 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko+cover
- 16A 250V~, type VE11



UTIČNICA ŠUKO 2P + E 16A 250V ~ BV \_\_ XO



- VE12PWXO
- VE12IWXO
- VE12ESXO
- VE12COXO
- VE12NBXO
- VE12RDXO
- VE12GRXO
- VE12ORXO

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko
- 16A 250V~, tip VE12

SOCKET SCHUKO 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko
- 16A 250V~, type VE12



UTIČNICA ŠUKO + POKLOPAC 2P + E 16A 250V ~ BV \_\_ XO



- VE13PTXO
- VE13ITXO
- VE13STXO
- VE13BTXO
- VE13PPXO

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E šuko+poklopac
- 16A 250V~, tip VE13

SOCKET SCHUKO+COVER 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E schuko+cover
- 16A 250V~, type VE13



UTIČNICA ŠUKO 2P + E 16A 250V ~



- VE10PW
- VE10IW
- VE10ES
- VE10CO
- VE10NB

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- 2P+E šuko
- 16A 250V~, tip VE10

SOCKET SCHUKO 2P+E 16A 250V~

- screw contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko
- 16A 250V~, type VE10



UTIČNICA ŠUKO + POKLOPAC 2P + E 16A 250V~



- VE11PT
- VE11IT
- VE11ST
- VE11CT
- VE11BT

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac
- 16A 250V~, tip VE11

SOCKET SCHUKO+COVER 2P+E 16A 250V~

- screw contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover
- 16A 250V~, type VE11



UTIČNICA ŠUKO 2P + E 16A 250V ~ BV



- VE12PW
- VE12IW
- VE12ES
- VE12CO
- VE12NB

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2P+E šuko
- 16A 250V~, tip VE12

SOCKET SCHUKO 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko
- 16A 250V~, type VE12



UTIČNICA ŠUKO + POKLOPAC 2P + E 16A 250V ~ BV



- VE13PT
- VE13IT
- VE13ST
- VE13CT
- VE13BT

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac
- 16A 250V~, tip VE13

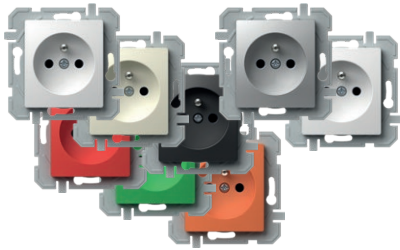
SOCKET SCHUKO+COVER 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover
- 16A 250V~, type VE13



## S O C K E T S      V E

## UTIČNICA FRANCUSKA 2P + E 16A 250V ~ \_\_ XO



- VE40PWXO
- VE40IWXO
- VE40ESXO
- VE40COXO
- VE40NBXO
- VE40RDXO
- VE40GRXO
- VE40ORXO

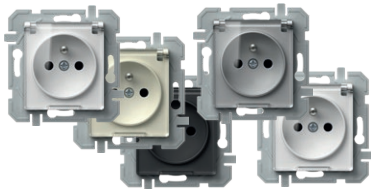
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E francuska
- 16A 250V~, tip VE40

## SOCKET FRENCH 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French
- 16A 250V~, type VE40



## UTIČNICA FRANCUSKA + POKLOPAC 2P + E 16A 250V~ \_\_ XO



- VE41PTXO
- VE41ITXO
- VE41STXO
- VE41BTXO

- VE41PPXO

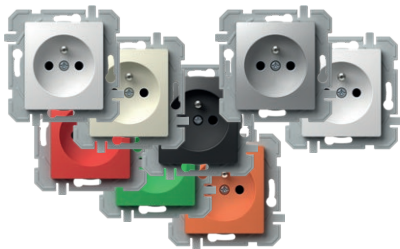
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E francuska+poklopac
- 16A 250V~, tip VE41

## SOCKET FRENCH+COVER 2P+E 16A 250V~ \_\_ XO

- screw contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French+cover
- 16A 250V~, type VE41



## UTIČNICA FRANCUSKA 2P + E 16A 250V~ BV \_\_ XO



- VE42PWXO
- VE42IWXO
- VE42ESXO
- VE42COXO
- VE42NBXO
- VE42RDXO
- VE42GRXO
- VE42ORXO

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- utičnica sa zaštitnim kontaktom francuska
- 16A 250V~, tip VE42

## SOCKET FRENCH 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French
- 16A 250V~, type VE42



## UTIČNICA FRANCUSKA + POKLOPAC 2P + E 16A 250V~ BV \_\_ XO



- VE43PTXO
- VE43ITXO
- VE43STXO
- VE43BTXO

- VE43PPXO

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- XO bez okvira
- 2P+E francuska+poklopac
- 16A 250V~, tip VE43

## SOCKET FRENCH+COVER 2P+E 16A 250V~ BV \_\_ XO

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- XO without surround
- 2P+E French+cover
- 16A 250V~, type VE43



## UTIČNICA FRANCUSKA 2P + E 16A 250V ~



- VE40PW
- VE40IW
- VE40ES
- VE40CO
- VE40NB

- vijčano pričvršćivanje vodiča presjeka 1.5-2.5mm<sup>2</sup>
- 2P+E francuska
- 16A 250V~, tip VE40

## SOCKET FRENCH 2P+E 16A 250V~

- screw contacts 1.5-2.5mm<sup>2</sup>
- 2P+E French
- 16A 250V~, type VE40



## UTIČNICA FRANCUSKA + POKLOPAC 2P + E 16A 250V~



- VE41PT
- VE41IT
- VE41BT
- VE41ST

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- 2P+E francuska+poklopac
- 16A 250V~, tip VE41

## SOCKET FRENCH+COVER 2P+E 16A 250V~

- screw contacts 1.5-2.5mm<sup>2</sup>
- 2P+E French+cover
- 16A 250V~, type VE41



## UTIČNICA FRANCUSKA 2P + E 16A 250V ~ BV



- VE42PW
- VE42IW
- VE42ES
- VE42CO
- VE42NB

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- utičnica sa zaštitnim kontaktom francuska
- 16A 250V~, tip VE42

## SOCKET FRENCH 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E French
- 16A 250V~, type VE42



## UTIČNICA FRANCUSKA + POKLOPAC 2P + E 16A 250V ~ BV



- VE43PT
- VE43IT
- VE43BT
- VE43ST

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2P+E francuska+poklopac
- 16A 250V~, tip VE43

## SOCKET FRENCH+COVER 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E French+cover
- 16A 250V~, type VE43



UTIČNICA ŠUKO DVOSTRUKA 2P + E 16A 250V~



- VE16PWKS
- VE16WKS
- VE16ESKS
- VE16NBKS

- 2P+E šuko dvostruka
- 16A 250V~, tip VE16
- sukladno normama IEC 60884-1, CEE7
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

SOCKET SCHUKO DOUBLE 2P+E 16A 250V~

- 2P+E schuko double
- 16A 250V~, type VE16
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm<sup>2</sup>
- shuttered live contacts



UTIČNICA FRANCUSKA DVOSTRUKA 2P + E 16A 250V~



- VE46PWKS
- VE46WKS
- VE46ESKS
- VE46NBKS

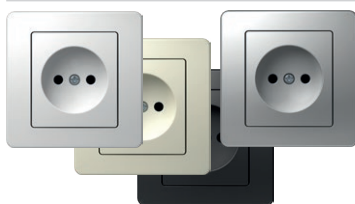
- 2P + E francuska dvostruka
- 16A 250V~, tip VE46
- sukladno normama IEC 60884-1, CEE7; NF C 61-314, ČSN 33 2318; PN-E 93201
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- utičnica s integriranom zaštitom

SOCKET FRENCH DOUBLE 2P+E 16A 250V~

- 2P+E French double
- 16A 250V~, type VE46
- in accordance with IEC 60884-1, CEE7; NF C 61-314, ČSN 33 2318; PN-E 93201
- screw contacts 1,5-2,5 mm<sup>2</sup>
- shuttered live contacts



UTIČNICA 2P 16A 250V ~

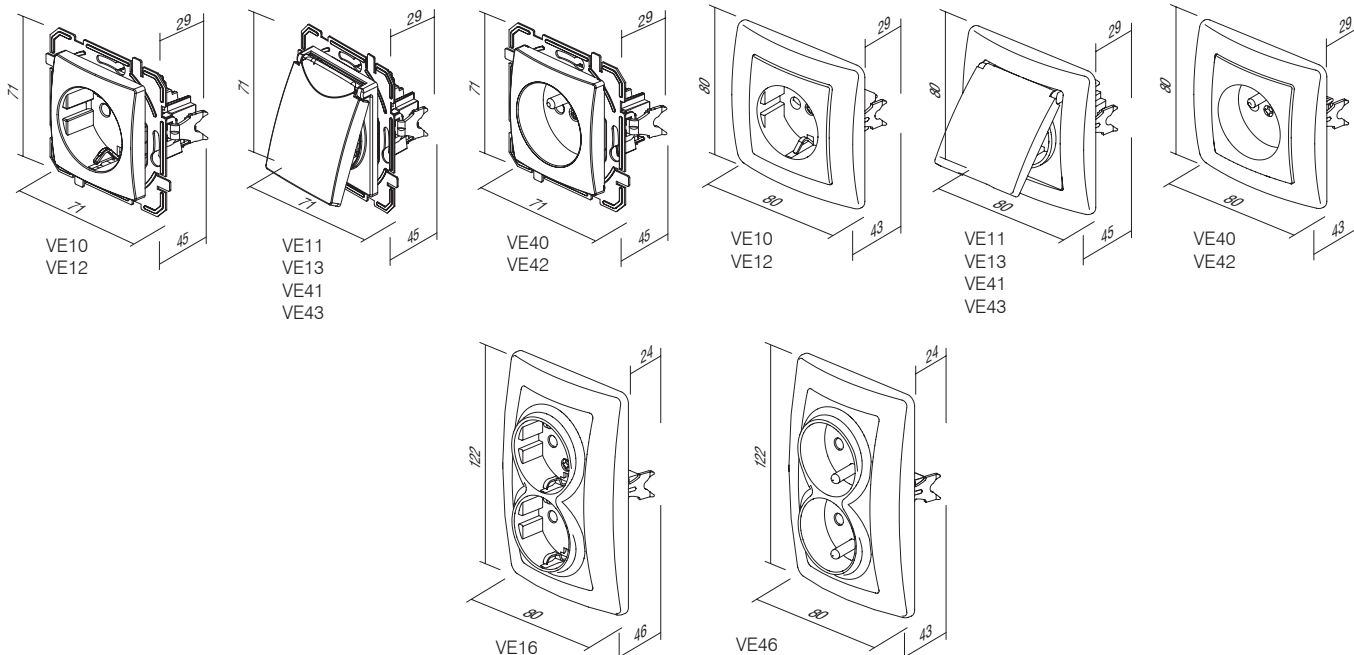


- VE30PW
- VE30IW
- VE30ES
- VE30NB

- 2P bez voda za uzemljenje
- 16A 250V ~
- sukladno normama EN 60884-1, CEE7 (lista standarda I)
- vijčano pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>

SOCKET 2P 16A 250V~

- 2P without earthing contact
- 16A 250V
- in accordance with EN 60884-1, CEE7 (standard sheet I)
- screw contacts 1.5-2.5mm<sup>2</sup>





KE37

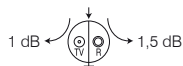
PW

tip type	naziv description	tehnički podaci technical data	boja colour
KE11	UTIČNICA TV-R ZAVRŠNA SOCKET TV-R END-LINE	1dB	<input type="checkbox"/> PW bijela sjajna polar white
KE12	UTIČNICA TV-R PROLAZNA SOCKET TV-R THROUGHPASS	10dB	<input type="checkbox"/> IW bež sjajna ivory white
KE16	UTIČNICA SAT-TV-R ZAVRŠNA SOCKET SAT-TV-R END-LINE	3dB	<input type="checkbox"/> ES srebrna mat elox silver
⋮	⋮	⋮	<input type="checkbox"/> CO bijeli duroplast white thermoset
⋮	⋮	⋮	<input type="checkbox"/> NB crna sjajna night black

## UTIČNICA TV-R ZAVRŠNA 1dB



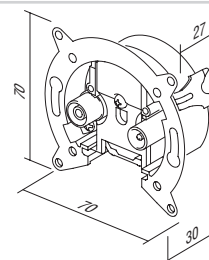
KE11



- TV-R završna
- propušta frekvenciju u rasponu 5÷862MHz
- prigušenje: R-1.5dB, TV-1dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje

## SOCKET TV-R END-LINE 1dB

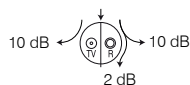
- TV-R end-line
- frequency range 5÷862MHz
- reduction: R-1.5dB, TV-1dB
- in accordance with EN 50083-1
- screw contacts



## UTIČNICA TV-R PROLAZNA 10dB



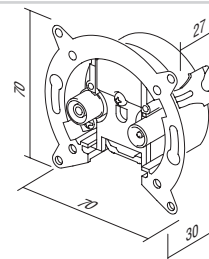
KE12



- TV-R prolazna
- propušta frekvenciju u rasponu 5÷862MHz
- prigušenje: R-10dB, TV-10dB, prolaz-2dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje

## SOCKET TV-R THROUGHPASS 10dB

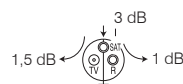
- TV-R throughpass
- frequency range 5÷862MHz
- reduction: R-10dB, TV-10dB, through-2dB
- in accordance with EN 50083-1
- screw contacts



## UTIČNICA SAT-TV-R ZAVRŠNA 3dB



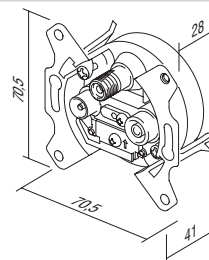
KE16



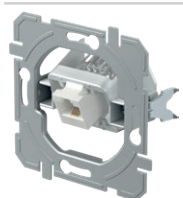
- SAT-TV-R završna
- propušta frekvenciju u rasponu 5÷2400MHz
- prigušenje: R-1dB, TV-1.5dB, SAT-3dB
- za ugradnju u okruglu kutiju Ø60 s nožicama ili vijcima
- sukladno normi EN 50083-1
- vijčano pričvršćivanje

## SOCKET SAT-TV-R END-LINE 3dB

- SAT-TV-R end-line
- frequency range 5÷2400MHz
- reduction: R-1dB, TV-1.5dB, SAT-3dB
- for mounting in round box Ø60 with claws or screws
- in accordance with EN 50083-1
- screw contacts



## UTIČNICA TEL KS RJ11 6/4

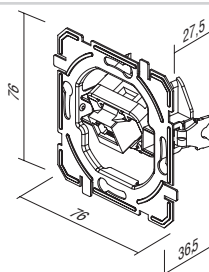


KE36

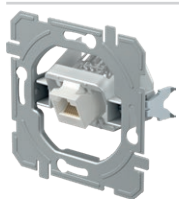
- KS keystone standard pričvršćivanja
- RJ11 6/4
- sukladno normi IEC 60603-7

## SOCKET TEL KS RJ11 6/4

- KS keystone fixing standard
- RJ11 6/4
- in accordance with IEC 60603-7



UTIČNICA CAT5e KS RJ45 8/8

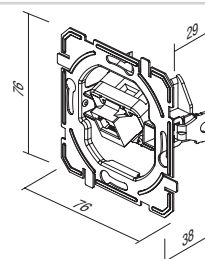


KE37

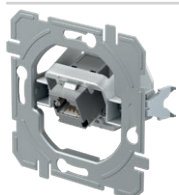
- KS keystone standard pričvršćivanja
- CAT5e, RJ45 8/8
- sukladno normi IEC 60603-7

*SOCKET CAT5e KS RJ45 8/8*

- KS keystone fixing standard
- CAT5e, RJ45 8/8
- in accordance with IEC 60603-7



UTIČNICA CAT6s KS RJ45 8/8 SLIM

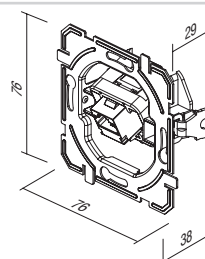


KE40

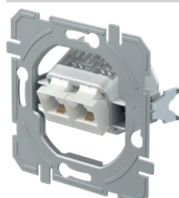
- KS keystone standard pričvršćivanja
- CAT6s, RJ45 8/8
- sukladno normi IEC 60603-7

*SOCKET CAT6s KS RJ45 8/8 SLIM*

- KS keystone fixing standard
- CAT6s, RJ45 8/8
- in accordance with IEC 60603-7



UTIČNICA TEL KS DVOSTRUKA 2x RJ11 6/4

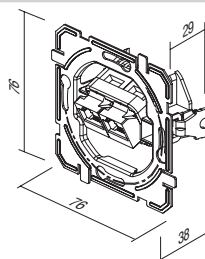


KE38

- KS keystone standard pričvršćivanja
- 2x RJ11 6/4
- sukladno normi IEC 60603-7

*SOCKET TEL KS DOUBLE 2x RJ11 6/4*

- KS keystone fixing standard
- 2x RJ11 6/4
- in accordance with IEC 60603-7



UTIČNICA CAT5e KS DVOSTRUKA 2x RJ45 8/8

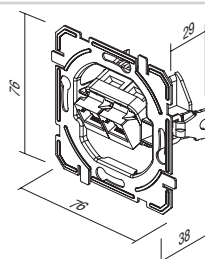


KE39

- KS keystone standard pričvršćivanja
- 2x CAT5e, RJ45 8/8
- sukladno normi IEC 60603-7

*SOCKET CAT5e KS DOUBLE 2x RJ45 8/8*

- KS keystone fixing standard
- 2x CAT5e, RJ45 8/8
- in accordance with IEC 60603-7



UTIČNICA CAT6s KS DVOSTRUKA 2x RJ45 8/8 SLIM

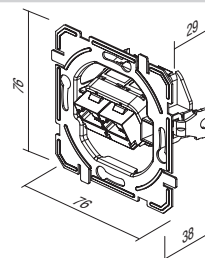


KE41

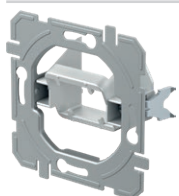
- KS keystone standard pričvršćivanja
- 2x CAT6s, RJ45 8/8
- sukladno normi IEC 60603-7

*SOCKET CAT6s KS DOUBLE 2x RJ45 8/8 SLIM*

- KS keystone fixing standard
- 2x CAT6s, RJ45 8/8
- in accordance with IEC 60603-7



ADAPTER KS JEDNOSTRUKI

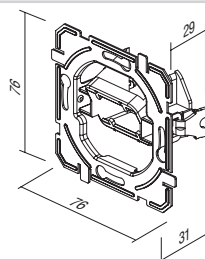


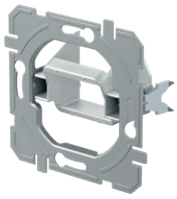
KE45

- KS keystone standard priključivanja - jednostruki
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- nije ugrađen komunikacijski modul

*ADAPTER KS SINGLE*

- KS keystone fixing standard - single
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- communication module not included





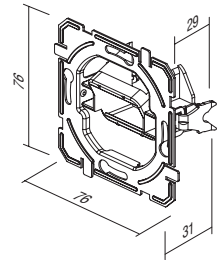
KE46

**ADAPTER KS DVOSTRUKI**

- KS keystone standard priključivanja - dvostruki
- AMP, Tyco, ...
- nije ugrađen komunikacijski modul

**ADAPTER KS DOUBLE**

- KS keystone fixing standard - double
- AMP, Tyco, ...
- communication module not included



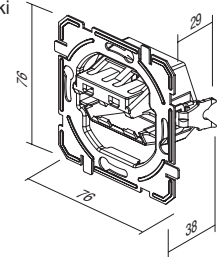
KE47

**ADAPTER PD DVOSTRUKI**

- standard pričvršćivanja PD Panduit Mini-COM – dvostruki
- nije ugrađen komunikacijski modul

**ADAPTER PD DOUBLE**

- PD Panduit Mini-COM fixing standard - double
- communication module not included



UTIČNICA TV OSNOVNA 0dB



- KE10PW
- KE10IW
- KE10ES
- KE10CO
- KE10NB

- TV osnovna
- prigušenje 0dB
- stražnji konektor – F standard

SOCKET TV BASIC 0dB

- TV basic
- reduction 0dB
- back connector – F standard



UTIČNICA TV-R ZAVRŠNA 1dB



- KE11PW
- KE11IW
- KE11ES
- KE11CO
- KE11NB

- TV-R završna
- propušta frekvenciju u rasponu 5÷862 MHz
- prigušenje: R-1.5dB, TV-1dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje

SOCKET TV-R END-LINE 1dB

- TV-R end-line
- frequency range 5÷862 MHz
- reduction: R-1.5dB, TV-1dB
- in accordance with EN 50083-1
- screw contact



UTIČNICA TV-R PROLAZNA 10dB



- KE12PW
- KE12IW
- KE12ES
- KE12CO
- KE12NB

- TV-R prolazna
- propušta frekvenciju u rasponu 5÷862 MHz
- prigušenje: R-10dB, TV-10dB, prolaz-2dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje

SOCKET TV-R TROUGHPASS 10dB

- TV-R troughpass
- frequency range 5÷862 MHz
- reduction: R-10dB, TV-10dB, trough-2dB
- in accordance with EN 50083-1
- screw contacts



UTIČNICA SAT-TV-R ZAVRŠNA 3dB



- KE16PW
- KE16IW
- KE16ES
- KE16CO
- KE16NB

- SAT-TV-R završna
- propušta frekvenciju u rasponu 5÷2400 MHz
- prigušenje: R-1dB, TV-1.5dB, SAT-3dB
- sukladno normi EN 50083-1
- vijčano pričvršćivanje

SOCKET SAT-TV-R END-LINE 3dB

- SAT-TV-R end-line
- frequency range 5÷2400 MHz
- reduction: R-1dB, TV-1.5dB, SAT-3dB
- in accordance with EN 50083-1
- screw contacts



UTIČNICA AUDIO 2xRCA



- KE22PW
- KE22IW
- KE22ES
- KE22CO
- KE22NB

- audio 2xRCA
- pričvršćivanje vodiča lemljenjem

SOCKET AUDIO 2xRCA

- audio 2xRCA
- soldering connection of cable



UTIČNICA AUDIO ZVUČNICI



- KE23PW
- KE23IW
- KE23ES
- KE23CO
- KE23NB

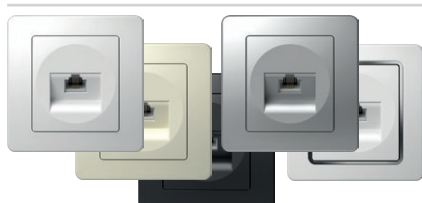
- audio 2x Ø4 mm
- pričvršćivanje vodiča za zvučnike umetanjem ili banana utikačem Ø4 mm
- lemljenje spojeva kabela na stražnjoj strani

SOCKET AUDIO LOUDSPEAKERS

- audio 2x Ø4mm
- to accommodate speaker wire, banana plug Ø4mm or spades
- soldering connection of cable at the back side



UTIČNICA TEL KS RJ11 6/4



- KE36PW
- KE36IW
- KE36ES
- KE36CO
- KE36NB

- KS keystone standard pričvršćivanja
- RJ11 6/4
- sukladno normi IEC 60603-7


SOCKET TEL KS RJ11 6/4

- KS keystone fixing standard
- RJ11 6/4
- in accordance with IEC 60603-7






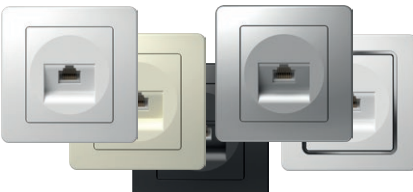
**UTIČNICA CAT5e KS RJ45 8/8**




<input type="checkbox"/> KE37PW	- KS keystone standard pričvrščivanja
<input type="checkbox"/> KE37IW	- CAT5e, RJ45 8/8
<input type="checkbox"/> KE37ES	- skladno normi IEC 60603-7
<input type="checkbox"/> KE37CO	<i>SOCKET CAT5e KS RJ45 8/8</i>
<input type="checkbox"/> KE37NB	- KS keystone fixing standard
<input type="checkbox"/> KE37NB	- CAT5e, RJ45 8/8
<input type="checkbox"/> KE37NB	- in accordance with IEC 60603-7



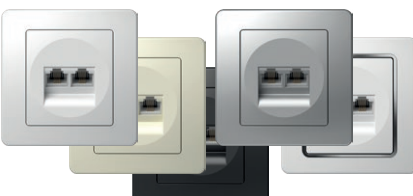
**UTIČNICA CAT6s KS RJ45 8/8 SLIM**




<input type="checkbox"/> KE40PW	- KS keystone standard pričvrščivanja
<input type="checkbox"/> KE40IW	- CAT6s, RJ45 8/8
<input type="checkbox"/> KE40ES	- skladno normi IEC 60603-7
<input type="checkbox"/> KE40CO	<i>SOCKET CAT6s KS RJ45 8/8 SLIM</i>
<input type="checkbox"/> KE40NB	- KS keystone fixing standard
<input type="checkbox"/> KE40NB	- CAT6s, RJ45 8/8
<input type="checkbox"/> KE40NB	- in accordance with IEC 60603-7




**UTIČNICA TEL KS DVOSTRUKA 2x RJ11 6/4**




<input type="checkbox"/> KE38PW	- KS keystone standard pričvrščivanja
<input type="checkbox"/> KE38IW	- 2x RJ11, 6/4
<input type="checkbox"/> KE38ES	- skladno normi IEC 60603-7
<input type="checkbox"/> KE38CO	<i>SOCKET TEL KS DOUBLE 2x RJ11 6/4</i>
<input type="checkbox"/> KE38NB	- KS keystone fixing standard
<input type="checkbox"/> KE38NB	- 2x RJ11, 6/4
<input type="checkbox"/> KE38NB	- in accordance with IEC 60603-7




**UTIČNICA CAT5e KS DVOSTRUKA 2x RJ45 8/8**




<input type="checkbox"/> KE39PW	- KS keystone standard pričvrščivanja
<input type="checkbox"/> KE39IW	- 2x CAT5e, RJ45 8/8
<input type="checkbox"/> KE39ES	- skladno normi IEC 60603-7
<input type="checkbox"/> KE39CO	<i>SOCKET CAT5e KS DOUBLE 2x RJ45 8/8</i>
<input type="checkbox"/> KE39NB	- KS keystone fixing standard
<input type="checkbox"/> KE39NB	- 2x CAT5e, RJ45 8/8
<input type="checkbox"/> KE39NB	- in accordance with IEC 60603-7



**UTIČNICA CAT6s KS DVOSTRUKA 2x RJ45 8/8 SLIM**



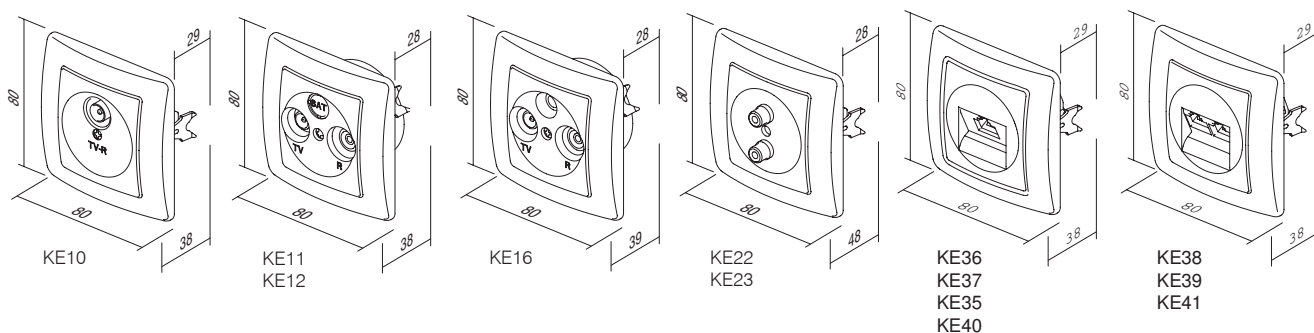
<input type="checkbox"/> KE41PW	- KS keystone standard pričvrščivanja
<input type="checkbox"/> KE41IW	- 2x CAT6s, RJ45 8/8
<input type="checkbox"/> KE41ES	- skladno normi IEC 60603-7
<input type="checkbox"/> KE41CO	<i>SOCKET CAT6s KS DOUBLE 2x RJ45 8/8 SLIM</i>
<input type="checkbox"/> KE41NB	- KS keystone fixing standard
<input type="checkbox"/> KE41NB	- 2x CAT6s, RJ45 8/8
<input type="checkbox"/> KE41NB	- in accordance with IEC 60603-7

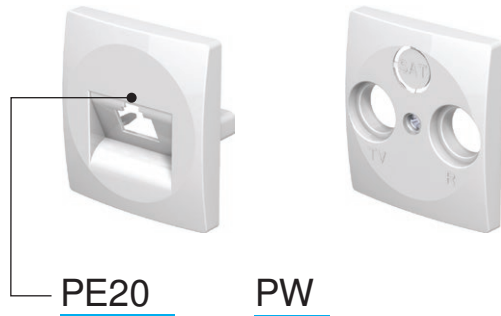


**UTIČNICA TEL LT RJ11 6/4**



<input type="checkbox"/> KE35PW	- TEL LT vijak
<input type="checkbox"/> KE35IW	- vijčano pričvrščivanje
<input type="checkbox"/> KE35ES	- RJ11 6/4
<input type="checkbox"/> KE35CO	- skladno normi IEC 60603-7
<input type="checkbox"/> KE35NB	<i>SOCKET TEL LT RJ11 6/4</i>
<input type="checkbox"/> KE35NB	- TEL LT screw
<input type="checkbox"/> KE35NB	- screw contacts
<input type="checkbox"/> KE35NB	- RJ11 6/4
<input type="checkbox"/> KE35NB	- in accordance with IEC 60603-7



tip type	naziv description	tehnički podaci technical data	boja colour
PE10	POKLOPAC TV-R COVER TV-R	2P/3P	<input type="checkbox"/> PW bijela sjajna polar white
PE20	POKLOPAC KS JEDNOSTRUKI COVER KS SINGLE		<input type="checkbox"/> IW bež sjajna ivory white
PE21	POKLOPAC KS DVOSTRUKI COVER KS DOUBLE		<input type="checkbox"/> ES srebrna mat elox silver
⋮	⋮	⋮	<input type="checkbox"/> CO bijeli duroplast white thermoset
			<input type="checkbox"/> NB crna sjajna night black

**POKLOPAC TV-R 2P/3P**

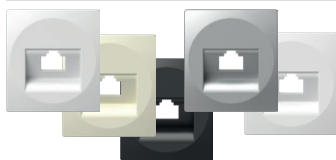


- PE10PW
- PE10IW
- PE10ES
- PE10CO
- PE10NB

- poklopac TV-R, 2P ili 3P s vijkom  
COVER TV-R 2P/3P  
- TV-R cover, 2P or 3P with screw



**POKLOPAC KS JEDNOSTRUKI**

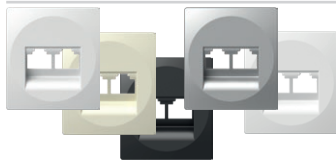


- PE20PW
- PE20IW
- PE20ES
- PE20CO
- PE20NB

- KS poklopac jednostrukim  
COVER KS SINGLE  
- KS cover single



**POKLOPAC KS DVOSTRUKI**



- PE21PW
- PE21IW
- PE21ES
- PE21NB

- KS poklopac dvostrukim  
COVER KS DOUBLE  
- KS cover double

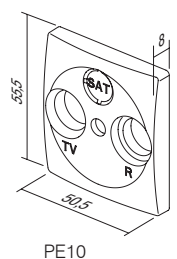
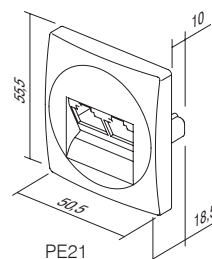
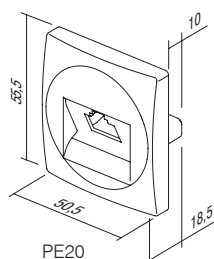
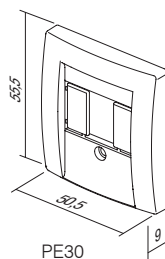


**POKLOPAC TAE/TDO**



- PE30PW
- PE30IW
- PE30ES
- PE30NB

- TAE ili TDO poklopac s vijkom  
COVER TAE/TDO  
- TAE or TDO cover with screw



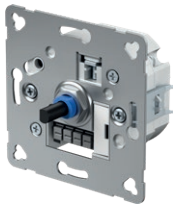


EE15

PW

tip type	naziv description	tehnički podaci technical data	boja colour
EE15	REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI <i>DIMMER ROTATIVE 2WAY</i>	RL 400W	<input type="checkbox"/> PW bijela sjajna <i>polar white</i>
EE16	REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI <i>DIMMER ROTATIVE 2WAY</i>	RLC 400W	<input type="checkbox"/> IW bež sjajna <i>ivory white</i>
EE19	REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI <i>DIMMER ROTATIVE 2WAY</i>	LED 100W	<input type="checkbox"/> ES srebrna mat <i>elox silver</i>
⋮	⋮	⋮	<input type="checkbox"/> CO bijeli duroplast <i>white thermoset</i>
⋮	⋮	⋮	<input type="checkbox"/> NB crna sjajna <i>night black</i>

## REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI RL 400W



EE15

- rotacijski s izmjeničnom sklopkom
- opterećenje RL, 40W – 400W
- moguća je kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjtljenja nije dopušteno
- sukladno normama EN 60669-1 i EN 60669-2-1
- bezvijačani kontakti 1,5mm<sup>2</sup>
- napajanje 230V ~ 50Hz
- unutarnji promjer tipke Ø6 mm
- priložen zamjenjivi osigurač

*DIMMER ROTATIVE 2WAY RL 400W*

- rotation control with 2-way switch
- load RL, 40W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V~ 50Hz
- button inner diameter Ø6mm
- replaceable fuse included

## REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI RLC 400W



EE16

- rotacijski s izmjeničnom sklopkom
- opterećenje RLC, 20W – 400W
- moguća je kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjtljenja nije dopušteno
- sukladno normama EN 60669-1 i EN 60669-2-1
- bezvijačani kontakti 1,5mm<sup>2</sup>
- unutarnji promjer tipke Ø6 mm
- napajanje 230V ~ 50Hz
- elektronski osigurač

*DIMMER ROTATIVE 2WAY RLC 400W*

- rotation control with 2-way switch
- load RLC, 20W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V~ 50Hz
- button inner diameter Ø6mm
- electronic fuse



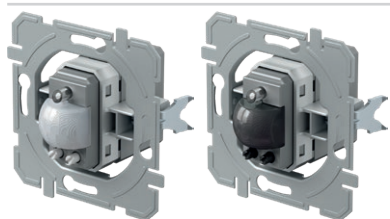
EE19

### REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI LED 100W

- rotacijski s izmjeničnom sklopkom
- opterećenje: LED, 0-100W (maks. 10 LED)
- GLS, 10-250W
- moguća je kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjetljenja nije dopušteno
- sukladno normama EN 60669-1 i EN 60669-2-1
- bezvijčani kontakti 1,5mm<sup>2</sup>
- napajanje 230V ~ 50Hz
- priložen zamjenjivi osigurač
- unutarnji promjer tipke Ø6 mm

#### DIMMER ROTATIVE 2WAY LED 100W

- rotation control with 2-way switch
- load: LED, 0-100W (max. 10 LEDs)
- GLS, 10-250W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V ~ 50Hz
- replaceable fuse included
- button inner diameter Ø6mm



- EE32A1
- EE32A2

### IR SKLOPKA 5A 230V~

- IR infracrvena sklopka
- napajanje: 230V~ ± 10% 50Hz
- relej: 5A / 250V~ (zero crossing)
- zaštitna razina: IP40
- presjek žica na kontaktnom terminalu: 0,75 - 2,5 mm<sup>2</sup>
- kut prepoznavanja: do 110° pri 20 °C
- raspon prepoznavanja: približno 8m pri 20 °C
- prilagodljivost trajanja: od približno 5 s do 12 min
- prilagodljivost osvjetljenja: od približno 5 do 200 LUX
- temperatura radnog okruženja: od 0 °C do +40 °C
- nije prikladno za ugradnju u kutije duboke 45 mm
- samo za unutrašnju uporabu

#### IR SWITCH 5A 230V~

- IR infrared switch
- supply voltage: 230V ~ ±10 % 50Hz
- relay: 5A / 250V ~ (zero crossing)
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 mm<sup>2</sup>
- detection angle: up to 110° at 20°C
- detection area: approx. 8 m at 20°C
- adjustability of duration: from approx. 5 s to 12 min
- adjustability of brightness: from approx. 5 to 200 LUX
- operating temperature: from 0°C to +40°C
- not suitable for installation in 45 mm deep boxes
- only for indoor usage



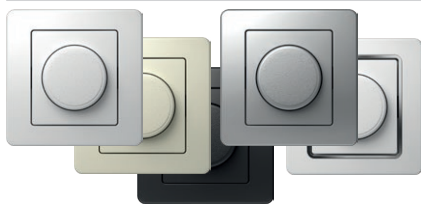
EE67

### USB PUNJAČ 5 V 2,4 A

- za punjenje elektroničkih uređaja preko standardnog USB priključka (sukladno i s Apple uređajima)
- napajanje: 100 – 230 V~ 50/60 Hz
- potrošnja energije: 300 mA pri 100 V~ / 150 mA pri 230 V~
- potrošnja pri mirovanju: 30 mW pri 230 V~
- nazivni izlazni napon: 5 VCD (± 5 %) SELV
- njihanje (ripple) izlaznog napona: 150 mV
- nazivna izlazna snaga: 2,4 A (±10 %)
- vrsta konektora: USB A / USB A
- učinkovitost: maks. 77 %
- radna temperatura: 0 °C / +45 °C (unutrašnja uporaba)
- IP zaštitni razred: IP20, samo za unutrašnju uporabu
- sigurnosni razred uređaja II
- prenaponska kategorija (EN 62109): Klasa III
- vijčano pričvršćivanje vodiča presjeka maks. 2,5 mm<sup>2</sup>
- uređaj s razmakom kontakta od najmanje 3 mm
- sukladno standardu EN 60950-1 te LVD i EMC direktivama

#### USB POWER SUPPLY UNIT 5V 2.4A

- for charging electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V ~ 50/60Hz
- power consumption: 300mA at 100V~/150mA at 230V~
- standby power consumption: 30mW at 230V~
- nominal output voltage: 5 VCD (± 5%) SELV
- output ripple voltage: 150mV
- nominal output current: 2.4A (±10%)
- connector type: USB A / USB A
- efficiency: maximum of 77%
- operating temperature: 0°C/+45°C (indoor use)
- IP protection class: IP20, indoor use only
- class device II
- overvoltage category (EN 62109): Class III
- screw contacts: max. 2.5 mm<sup>2</sup>
- device with a contact gap of at least 3mm
- in accordance with the EN 60950-1 and LVD & EMC directives



- EE15PW
- EE15IW
- EE15ES
- EE15CO
- EE15NB

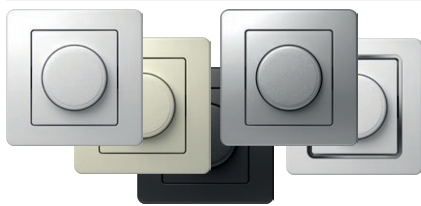
#### REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI RL 400W

- rotacijski s izmjeničnom sklopkom
- opterećenje RL, 40W – 400W
- moguća je kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjetljenja nije dopušteno
- sukladno normama EN 60669-1 i EN 60669-2-1
- bezvličani kontakti 1,5mm<sup>2</sup>
- napajanje 230V ~ 50Hz
- priložen zamjenjivi osigurač



#### DIMMER ROTATIVE 2WAY RL 400W

- rotation control with 2-way switch
- load RL, 40W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V~ 50Hz
- replaceable fuse included



- EE16PW
- EE16IW
- EE16ES
- EE16CO
- EE16NB

#### REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI RLC 400W

- rotacijski s izmjeničnom sklopkom
- opterećenje RLC, 20W – 400W
- moguća je kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjetljenja nije dopušteno
- sukladno normama EN 60669-1 i EN 60669-2-1
- bezvličani kontakti 1,5mm<sup>2</sup>
- napajanje 230V ~ 50Hz
- elektronski osigurač



#### DIMMER ROTATIVE 2WAY RLC 400W

- rotation control with 2-way switch
- load RLC, 20W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V~ 50Hz
- electronic fuse



- EE19PW
- EE19IW
- EE19ES
- EE19CO
- EE19NB

#### REGULATOR OSVJETLJENJA ROTACIJSKI IZMJENIČNI LED 100W

- rotacijski s izmjeničnom sklopkom
- opterećenje: LED, 0-100W (maks. 10 LED)
- GLS, 10-250W
- moguća je kombinacija s izmjeničnom sklopkom
- povezivanje više regulatora osvjetljenja nije dopušteno
- sukladno normama EN 60669-1 i EN 60669-2-1
- bezvličani kontakti 1,5mm<sup>2</sup>
- napajanje 230V ~ 50Hz
- priložen zamjenjivi osigurač



#### DIMMER ROTATIVE 2WAY LED 100W

- rotation control with 2-way switch
- load: LED, 0-100W (max. 10 LEDs)
- GLS, 10-250W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm<sup>2</sup>
- supply 230V~ 50Hz
- replaceable fuse included



- EE32PW
- EE32IW
- EE32ES
- EE32CO
- EE32NB

#### IR SKLOPKA 5A 230V~

- IR infracrvena sklopka
- napajanje: 230V~ ± 10% 50Hz
- relej: 5A / 250V~ (zero crossing)
- zaštitna razina: IP40
- presjek žica na kontaktnom terminalu: 0,75 - 2,5 mm<sup>2</sup>
- kut prepoznavanja: do 110° pri 20 °C
- raspon prepoznavanja: približno 8m pri 20 °C
- prilagodljivost trajanja: od približno 5 s do 12 min
- prilagodljivost osvjetljenja: od približno 5 do 200 LUX
- temperatura radnog okruženja: od 0 °C do +40 °C
- nije prikladno za ugradnju u kutije duboke 45 mm
- samo za unutrašnju uporabu



#### IR SWITCH 5A 230V~

- IR infrared switch
- supply voltage: 230V~ ±10 % 50Hz
- relay: 5A / 250V~ (zero crossing)
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 mm<sup>2</sup>
- detection angle: up to 110° at 20°C
- detection area: approx. 8 m at 20°C
- adjustability of duration: from approx. 5 s to 12 min
- adjustability of brightness: from approx. 5 to 200 LUX
- operating temperature: from 0°C to +40°C
- not suitable for installation in 45 mm deep boxes
- only for indoor usage



- EE67PW
- EE67IW
- EE67NB
- EE67ES

### USB PUNJAČ 5 V 2,4 A

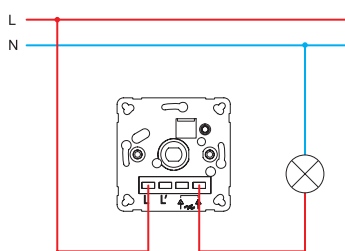
- za punjenje elektroničkih uređaja preko standardnog USB priključka (sukladno i s Apple uređajima)
- napajanje: 100 – 230 V~ 50/60 Hz
- potrošnja energije: 300 mA pri 100 V~ / 150 mA pri 230 V~
- potrošnja pri mirovanju: 30 mW pri 230 V~
- nazivni izlazni napon: 5 VCD ( $\pm 5\%$ ) SELV
- njihanje (ripple) izlaznog napona: 150 mV
- nazivna izlazna snaga: 2,4 A ( $\pm 10\%$ )
- vrsta konektora: USB A / USB A
- učinkovitost: maks. 77 %
- radna temperatura: 0 °C / +45 °C (unutrašnja uporaba)
- IP zaštitni razred: IP20, samo za unutrašnju uporabu
- sigurnosni razred uređaja II
- prenaponska kategorija (EN 62109): Klasa III
- vijčano pričvršćivanje vodiča presjeka maks. 2,5 mm<sup>2</sup>
- uređaj s razmakom kontakta od najmanje 3 mm
- sukladno standardu EN 60950-1 te LVD i EMC direktivama



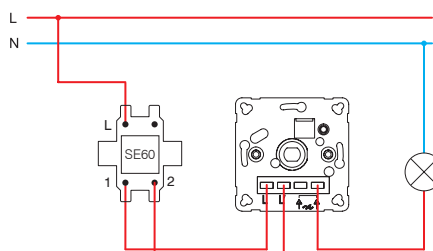
### USB POWER SUPPLY UNIT 5V 2.4A

- for charging electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V~ 50/60Hz
- power consumption: 300mA at 100V~/150mA at 230V~
- standby power consumption: 30mW at 230V~
- nominal output voltage: 5 VCD ( $\pm 5\%$ ) SELV
- output ripple voltage: 150mV
- nominal output current: 2.4A ( $\pm 10\%$ )
- connector type: USB A / USB A
- efficiency: maximum of 77%
- operating temperature: 0°C/+45°C (indoor use)
- IP protection class: IP20, indoor use only
- class device II
- overvoltage category (EN 62109): Class III
- screw contacts: max. 2.5 mm<sup>2</sup>
- device with a contact gap of at least 3mm
- in accordance with the EN 60950-1 and LVD & EMC directives

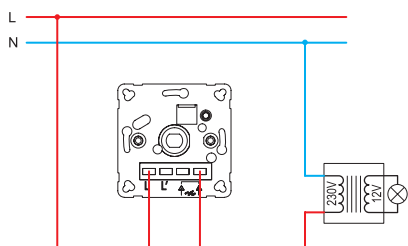
EE15, EE16, EE19



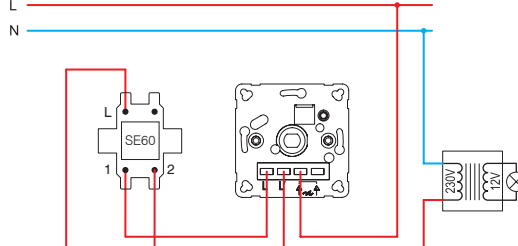
EE15, EE16, EE19



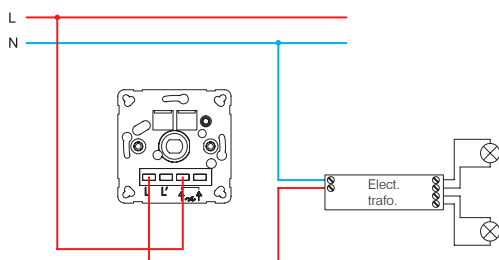
EE15, EE16, EE19



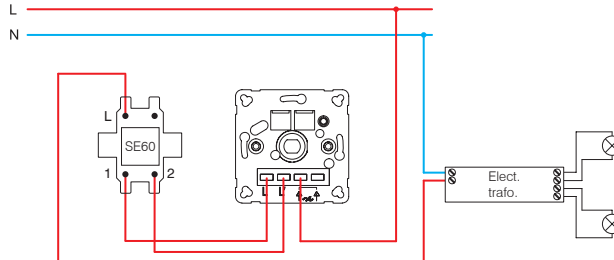
EE15, EE16, EE19



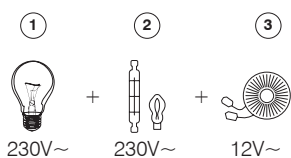
EE16, EE19



EE16, EE19

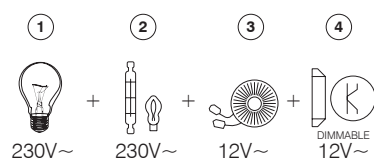


EE15 (40÷400W)



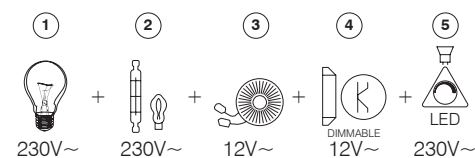
- 1 - žarulja sa žarnom niti /  
incandescent lamp  
2 - halogena žarulja /  
halogen lamp

EE16 (20÷400W)

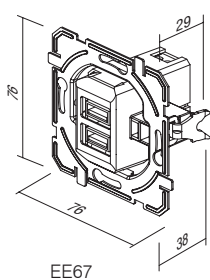


- 3 - klasični transformator /  
classical transformer  
4 - elektronički transformator s regulatorom osvijetljenja /  
dimmable electronic transformer

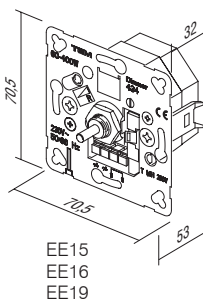
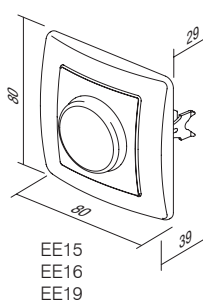
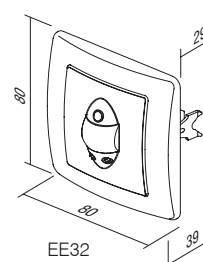
EE19 (GLS 10÷250W ; LED 0÷100W)



- 5 - LED tinjalica s regulacijom osvijetljenja /  
dimmable LED lamp



EE67

EE15  
EE16  
EE19EE15  
EE16  
EE19

EE32



PE41

PW

tip type	naziv description	boja colour
PE41	POKLOPAC REGULATORA OSVJETLJENJA COVER DIMMER	<input type="checkbox"/> PW bijela sjajna <i>polar white</i> <input type="checkbox"/> IW bež sjajna <i>ivory white</i> <input type="checkbox"/> ES srebrna mat <i>elox silver</i> <input type="checkbox"/> CO bijeli duroplast <i>white thermoset</i> <input type="checkbox"/> NB crna sjajna <i>night black</i>

POKLOPAC REGULATORA OSVJETLJENJA Ø6



- PE41PW
- PE41IW
- PE41NB
- PE41ES
- PE41CO

- poklopac regulatora osvjetljenja Ø6 mm  
- za EE15, EE16, EE19

COVER DIMMER Ø6  
- cover dimmer Ø6mm  
- for EE15, EE16, EE19



POKLOPAC IR SKLOPKA



- PE32PW
- PE32IW
- PE32NB
- PE32ES

- poklopac IR sklopka

COVER IR SWITCH  
- cover IR switch



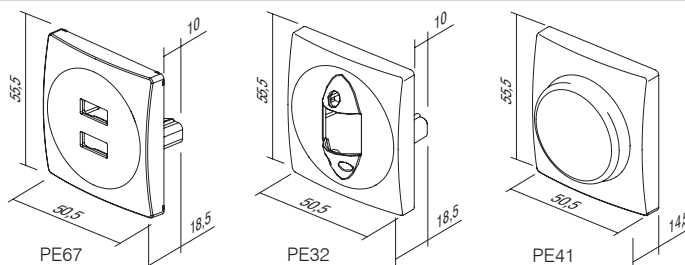
POKLOPAC USB PUNJAČA



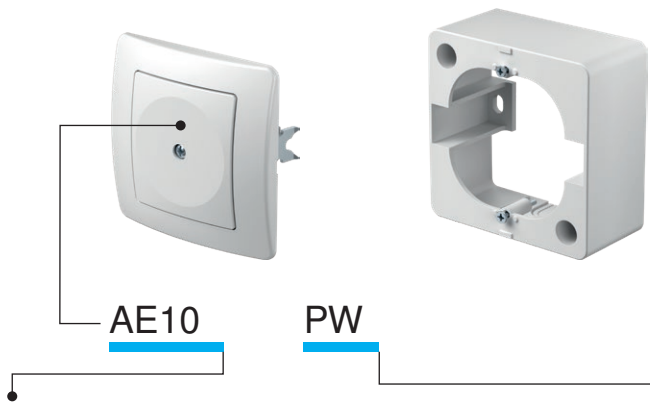
- PE67PW
- PE67IW
- PE67NB
- PE67ES

- poklopac USB punjača

USB SUPPLY UNIT COVER  
- USB supply unit cover







tip type	naziv description	boja colour
AE10	SLIJEPI ELEMENT BLANK	<input type="checkbox"/> PW bijela sjajna polar white
AE20	PRIKLJUČNA KUTIJA 3P + N + E 5X4mm <sup>2</sup> CONNECTION BOX 3P+N+E 5X4mm <sup>2</sup>	<input type="checkbox"/> IW bež sjajna ivory white
AE30	NADŽBUKNA KUTIJA SURFACE MOUNT BOX	<input type="checkbox"/> ES srebrna mat elox silver
⋮	⋮	<input type="checkbox"/> CO bijeli duroplast white thermoset
⋮	⋮	<input type="checkbox"/> NB crna sjajna night black

**SLIJEPI ELEMENT**

- za pokrivanje praznog prostora  
*BLANK*  
- for filling up empty spaces

- AE10PW
- AE10IW
- AE10NB
- AE10ES
- AE10CO

**PRIKLJUČNA KUTIJA 5-POLNA 3P + N + E 5x4mm<sup>2</sup>**

- priključna kutija 3P+N+E  
- 16A 400V ~  
- sukladno normi VDE 0606-1:2000  
- vijčano pričvršćivanje vodiča presjeka 1,5-4mm<sup>2</sup>

*CONNECTION BOX 5POLE 3P+N+E 5x4mm<sup>2</sup>*  
- 3P+N+E connection box  
- 16A 400V ~  
- in accordance with VDE 0606-1:2000  
- screw contacts 1.5-4mm<sup>2</sup>

- AE20PW
- AE20IW

**NADŽBUKNA KUTIJA 1**

- nadžbukna kutija  
*SURFACE MOUNT BOX 1*  
- surface mounting box

- AE30PW
- AE30IW

**NADŽBUKNA KUTIJA ZA DVOSTRUKU UTIČNICU EKONOMIK**

- nadžbukna kutija  
*SURFACE MOUNT BOX FOR EKONOMIK DOUBLE SOCKET*  
- surface mounting box

- AE31PW

### ZIDNI ŠTITNIK



- AE50PW
- AE50TS

- štiti površinu oko utičnice ili sklopke

#### WALL PROTECTION

- protects surface around socket or switch

### ZAŠTITA ZA DJECU KS

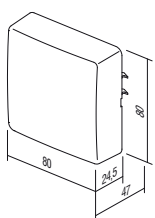


- AE51PW
- AE51IW

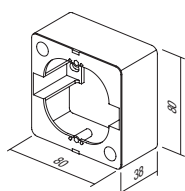
- KS dodatna zaštita za djecu od dodira kontakta

#### CHILD PROTECTION KS

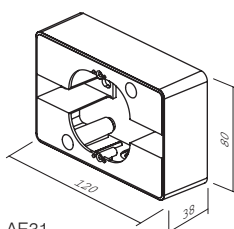
- KS additional child protection insert - shuttered live contacts



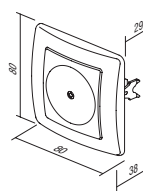
AE20



AE30



AE31



AE10

## S U R R O U N D S O E



OE10



PW

tip type	naziv description	boja colour
OE10	OKVIR EKONOMIK 1 SURROUND EKONOMIK 1	<input type="checkbox"/> PW bijela sjajna polar white
OE20	OKVIR EKONOMIK 2 VODORAVNI SURROUND EKONOMIK 2 HORIZONTAL	<input type="checkbox"/> IW bež sjajna ivory white
OE30	OKVIR EKONOMIK 3 VODORAVNI SURROUND EKONOMIK 3 HORIZONTAL	<input type="checkbox"/> ES srebrna mat elox silver
⋮	⋮	<input type="checkbox"/> CO bijeli duroplast white thermoset
⋮	⋮	<input type="checkbox"/> NB crna sjajna night black

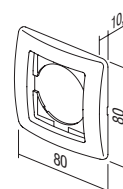
## OKVIR EKONOMIK 1



- OE10PW
- OE10IW
- OE10ES
- OE10CO
- OE10NB

- dekorativni pojedinačni okvir  
- sukladno normi EN 60669-1

**SURROUND EKONOMIK 1**  
- decorative surround 1-gang  
- in accordance with EN 60669-1



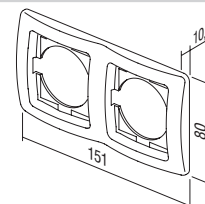
## OKVIR EKONOMIK 2 VODORAVNI



- OE20PW
- OE20IW
- OE20ES
- OE20CO
- OE20NB

- dekorativni dvostruki okvir vodoravni  
- sukladno normi EN 60669-1

**SURROUND EKONOMIK 2 HORIZONTAL**  
- decorative surround 2-gang horizontal  
- in accordance with EN 60669-1



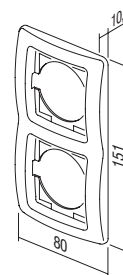
## OKVIR EKONOMIK 2 OKOMITI



- OE21PW
- OE21IW
- OE21ES
- OE21CO
- OE21NB

- dekorativni dvostruki okvir okomiti  
- sukladno normi EN 60669-1

**SURROUND EKONOMIK 2 VERTICAL**  
- decorative surround 2-gang vertical  
- in accordance with EN 60669-1



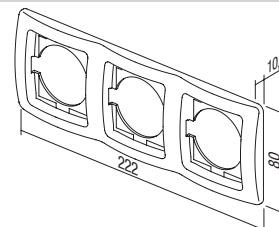
## OKVIR EKONOMIK 3 VODORAVNI



- OE30PW
- OE30IW
- OE30ES
- OE30CO
- OE30NB

- dekorativni trostruki okvir vodoravni  
- sukladno normi EN 60669-1

**SURROUND EKONOMIK 3 HORIZONTAL**  
- decorative surround 3-gang horizontal  
- in accordance with EN 60669-1





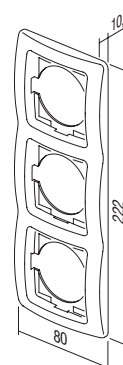
- OE31PW
- OE31IW
- OE31ES
- OE31CO
- OE31NB

**OKVIR EKONOMIK 3 OKOMITI**

- dekorativni trostruki okvir okomiti  
- sukladno normi EN 60669-1

*SURROUND EKONOMIK 3 VERTICAL*

- decorative surround 3-gang vertical  
- in accordance with EN 60669-1



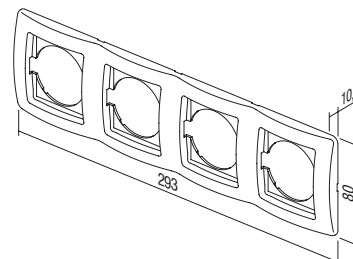
- OE40PW
- OE40IW
- OE40ES
- OE40NB

**OKVIR EKONOMIK 4 VODORAVNI**

- dekorativni četverostruki okvir vodoravni  
- sukladno normi EN 60669-1

*SURROUND EKONOMIK 4 HORIZONTAL*

- decorative surround 4-gang horizontal  
- in accordance with EN 60669-1



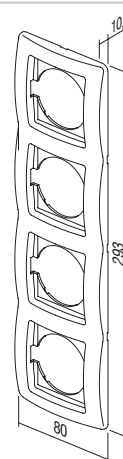
- OE41PW
- OE41IW
- OE41ES
- OE41NB

**OKVIR EKONOMIK 4 OKOMITI**

- dekorativni četverostruki okvir okomiti  
- sukladno normi EN 60669-1

*SURROUND EKONOMIK 4 VERTICAL*

- decorative surround 4-gang vertical  
- in accordance with EN 60669-1



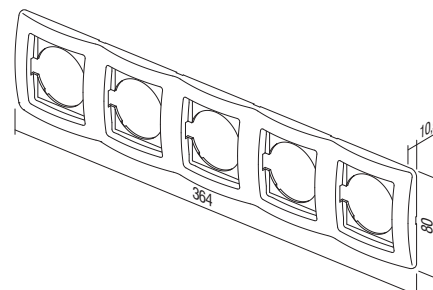
- OE50PW
- OE50IW
- OE50ES
- OE50NB

**OKVIR EKONOMIK 5 VODORAVNI**

- dekorativni peterostruki horizontalni okvir  
- sukladno normi EN 60669-1

*SURROUND EKONOMIK 5 HORIZONTAL*

- decorative surround 5-gang horizontal  
- in accordance with EN 60669-1



DEKORATIVNI UMETCI U BOJI /  
 COLOR DECORATIVE FRAMES



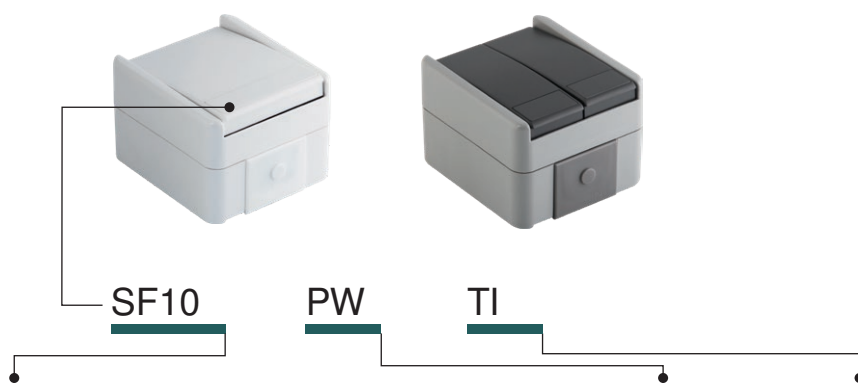
OE90GR	ZELENI / GREEN	OE90YL	ŽUTI / YELLOW	OE90MB	MET. PLAVI / MET. BLUE
OE90BL	PLAVI / BLUE	OE90WH	BIJELI / WHITE	OE90BZ	BRONČANI / BRONZE
OE90VO	LJUBIČASTI / VIOLET	OE90GY	SIVI / GREY	OE90CR	SREBRNI / SILVER
OE90PI	RUŽIČASTI / PINK	OE90BK	CRNI / BLACK	OE90GO	ZLATNI / GOLD
OE90RD	CRVENI / RED				





# fontana





tip type	naziv description	tehnički podaci technical data	boja colour	opcijski podaci 1 optional data 1
SF10	SKLOPKA JEDNOPOLNA SWITCH 1WAY	IP44 10AX 250V~	<input type="checkbox"/> PW bijela mat (RAL 9016) white-mat	TI neonska tinjalica + indikator neon lamp+indication
SF11	TIPKALO JEDNOPOLNO PUSH BUTTON 1WAY	IP44 10A 250V~	<input type="checkbox"/> GY mat siva grey-mat	
SF20	SKLOPKA DVOPOLNA SWITCH 2POLE	IP44 10AX 250V~		
:	:	:		
:	:	:		

SKLOPKA JEDNOPOLNA IP44 10AX 250V ~



- SF10PW
- SF10GY

- 10AX 250V~, tip SF10  
- sukladno normi EN 60669-1  
- bezvijačani kontakti 1,5-2,5mm<sup>2</sup>  
*SWITCH 1WAY IP44 10AX 250V~*  
- 10AX 250V~, type SF10  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



SKLOPKA JEDNOPOLNA IP44 10AX 250V ~ \_\_ TI



- SF10PWTI
- SF10GYTI

- TI indikator + neonska tinjalica  
- 10AX 250V~, tip SF10  
- sukladno normi EN 60669-1  
- bezvijačani kontakti 1,5-2,5mm<sup>2</sup>  
*SWITCH 1WAY IP44 10AX 250V~ \_\_ TI*  
- TI indicator+neon lamp  
- 10AX 250V~, type SF10  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



TIPKALO JEDNOPOLNO IP44 10A 250V~ \_\_ TI



- SF11PWTI
- SF11GYTI

- TI indikator + neonska tinjalica  
- 10A 250V~, tip SF11  
- sukladno normi EN 60669-1  
- bezvijačani kontakti 1,5-2,5mm<sup>2</sup>  
*PUSH BUTTON 1WAY IP44 10A 250V~ \_\_ TI*  
- TI indicator+neon lamp  
- 10A 250V~, type SF11  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>



SKLOPKA DVOPOLNA IP44 10AX 250V ~



- SF20PW
- SF20GY

- 10AX 250V~, tip SF20  
- sukladno normi EN 60669-1  
- bezvijačani kontakti 1,5-2,5mm<sup>2</sup>  
*SWITCH 2POLE IP44 10AX 250V~*  
- 10AX 250V~, type SF20  
- in accordance with EN 60669-1  
- plug-in contacts 1.5-2.5mm<sup>2</sup>





## SKLOPKA SERIJSKA JEDNOPOLNA IP44 10AX 250V ~



- SF50PW
- SF50GY

- 10AX 250V~, tip SF50
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

## SWITCH 2GANG-1WAY IP44 10AX 250V~

- 10AX 250V~, type SF50
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## TIPKALO SERIJSKO JEDNOPOLNO IP44 10A 250V ~



- SF51PW
- SF51GY

- 10A 250V~, tip SF51
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

## PUSH BUTTON 2GANG-1WAY IP44 10A 250V~

- 10A 250V~, type SF51
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA IZMJENIČNA IP44 10AX 250V ~



- SF60PW
- SF60GY

- 10AX 250V~, tip SF60
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

## SWITCH 2WAY IP44 10AX 250V~

- 10AX 250V~, type SF60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA IZMJENIČNA IP44 10AX 250V ~ \_\_ TI



- SF60PWTI
- SF60GYTI

- TI indikator + neonska tinjalica
- 10AX 250V~, tip SF60
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

## SWITCH 2WAY IP44 10AX 250V~ \_\_ TI

- TI indikator+neon lamp
- 10AX 250V~, type SF60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA IZMJENIČNA DVOSTRUKA IP44 10AX 250V ~



- SF63PW
- SF63GY

- 10AX 250V~, tip SF63
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

## SWITCH 2WAY DOUBLE IP44 10AX 250V~

- 10AX 250V~, type SF63
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>



## SKLOPKA KRIŽNA IP44 10AX 250V ~

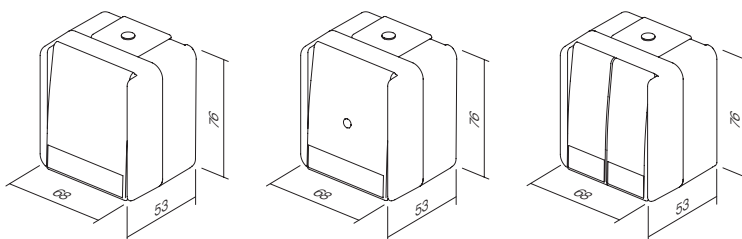


- SF70PW
- SF70GY

- 10AX 250V~, tip SF70
- sukladno normi EN 60669-1
- bezvijčani kontakti 1,5-2,5mm<sup>2</sup>

## SWITCH INTERMEDIATE IP44 10AX 250V~

- 10AX 250V~, type SF70
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm<sup>2</sup>





VF10

PW

tip type	naziv description	tehnički podaci technical data	boja colour
VF10	ŠUKO UTIČNICA+POKLOPAC SOCKET SCHUKO+COVER	IP44 2P+E 16A 250V~	<input type="checkbox"/> PW bijela mat (RAL 9016) white-mat  <input type="checkbox"/> GY mat siva grey-mat

UTIČNICA ŠUKO + POKLOPAC IP44 2P+E 16A 250V ~



- VF10PW
- VF10GY

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- 2P+E šuko+poklopac
- 16A 250V~, tip VF10
- sukladno normama EN 60884-1, CEE7



SOCKET SCHUKO+COVER IP44 2P+E 16A 250V~

- screw contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover
- 16A 250V~, type VF10
- in accordance with EN 60884-1, CEE7

UTIČNICA ŠUKO + POKLOPAC IP44 2P+E 16A 250V ~ BV



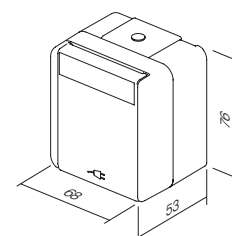
- VF12PW
- VF12GY

- BV bezvijačani kontakti 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac
- 16A 250V~, tip VF12
- sukladno normama EN 60884-1, CEE7

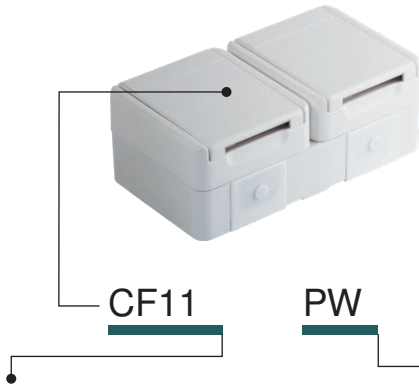


SOCKET SCHUKO+COVER IP44 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover
- 16A 250V~, type VF12
- in accordance with EN 60884-1, CEE7



VF10  
VF12



tip type	naziv description	tehnički podaci technical data	boja colour
CF10	SET ŠUKO UTIČNICA DVOSTRUKIH VODORAVNE SOCKET SET SCHUKO DOUBLE HORIZ	2x 2P+E 16A 250V~ IP44	<input type="checkbox"/> PW bijela mat (RAL 9016) white-mat
CF11	SET ŠUKO UTIČNICA DVOSTRUKIH OKOMITE SOCKET SET SCHUKO DOUBLE VERT	2x 2P+E 16A 250V~ IP44	<input checked="" type="checkbox"/> GY mat siva grey-mat
CF12	ŠUKO UTIČNICA + SKLOPKA IZMJENIČNI VODORAVNI SOCKET SCH+SWITCH 2WAY HORIZ	16A + 10A 250V~ IP44	
⋮	⋮	⋮	
⋮	⋮	⋮	



- CF10PW  
 CF10GY

#### SET ŠUKO UTIČNICA, DVOSTRUKI, VODORAVNI IP44 2x 2P+E 16A 250V ~

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- 2x 2P+E šuko + poklopac vodoravni
- 16A 250V~, tip CF10
- sukladno normama EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE  
HORIZONTAL IP44 2x 2P+E 16A 250V~  
- screw contacts 1.5-2.5mm<sup>2</sup>  
- 2x 2P+E schuko+cover horizontal  
- 16A 250V~, type CF10  
- in accordance with EN 60884-1, CEE7



- CF11PW  
 CF11GY

#### SET ŠUKO UTIČNICA DVOSTRUKI, OKOMITI IP44 2x 2P+E 16A 250V ~

- vijčano pričvršćivanje vodiča presjeka 1,5-2,5 mm<sup>2</sup>
- 2x 2P+E šuko + poklopac, okomiti set
- 16A 250V~, tip CF11
- sukladno normama EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE VERTICAL  
IP44 2x 2P+E 16A 250V~  
- screw contacts 1.5-2.5mm<sup>2</sup>  
- 2x 2P+E schuko+cover vertical  
- 16A 250V~, type CF11  
- in accordance with EN 60884-1, CEE7



- CF12PW  
 CF12GY

#### SET ŠUKO UTIČNICA + SKLOPKA IZMJENIČNA, VODORAVNI IP44 16A + 10AX 250V ~

- vijčano (priključnica), bezvijčano (sklopka) pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac + sklopka izmjenična vodoravna
- 16A + 10AX 250V~, tip CF12
- sukladno normama EN 60884-1, CEE7, EN 60669-1

SOCKET SCH+SWITCH SET 2WAY  
HORIZONTAL IP44 16A + 10AX 250V~  
- screw (socket), plug-in (switch)  
contacts 1.5-2.5mm<sup>2</sup>  
- 2P+E schuko+cover + switch 2-way horizontal  
- 16A + 10AX 250V~, type CF12  
- in accordance with EN 60884-1, CEE7, EN 60669-1



SET ŠUKO UTIČNICA + SKLOPKA IZMJENIČNA, OKOMITI, IP44 16A + 10AX 250V~



- CF13PW
- CF13GY

- vijčano (priključnica), bezvijčano (sklopka)
- pričvršćivanje vodiča presjeka 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac + sklopka izmjenična okomita
- 16A + 10AX 250V ~, tip CF13
- sukladno normama EN 60884-1, CEE7, EN 60669-1

SOCKET SCH+SWITCH 2WAY SET VERTICAL IP44 16A + 10AX 250V~

- screw (socket), plug-in (switch)
- contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover + switch 2-way vertical
- 16A + 10AX 250V~, type CF13
- in accordance with EN 60884-1, CEE7, EN 60669-1



SET ŠUKO UTIČNICA DVOSTRUKI, VODORAVNI, IP44 2X 2P+E 16A 250V ~ BV



- CF14PW
- CF14GY

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2x 2P+E šuko + poklopac vodoravni
- 16A 250V~, tip CF14
- sukladno normama EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE HORIZONTAL IP44 2x 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2x 2P+E schuko+cover horizontal
- 16A 250V~, type CF14
- in accordance with EN 60884-1, CEE7



SET ŠUKO UTIČNICA DVOSTRUKI, OKOMITI, IP44 2X 2P+E 16A 250V ~ BV



- CF15PW
- CF15GY

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2x 2P+E šuko + poklopac, okomiti set
- 16A 250V~, tip CF15
- sukladno normama EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE VERTICAL IP44 2x 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2x 2P+E schuko+cover vertical
- 16A 250V~, type CF15
- in accordance with EN 60884-1, CEE7



SET UTIČNICA + SKLOPKA IZMJENIČNA, VODORAVNI, IP44 16A + 10AX 250V ~ BV



- CF16PW
- CF16GY

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac + sklopka izmjenična vodoravna
- 16A + 10AX 250V ~, tip CF16
- sukladno normama EN 60884-1, CEE7, EN 60669-1

SOCKET+SWITCH SET SCH+2WAY HORIZONTAL IP44 16A + 10AX 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover + switch 2-way horizontal
- 16A + 10AX 250V~, type CF16
- in accordance with EN 60884-1, CEE7, EN 60669-1



SET UTIČNICA + SKLOPKA IZMJENIČNA, OKOMITI, IP44 16A + 10AX 250V ~ BV



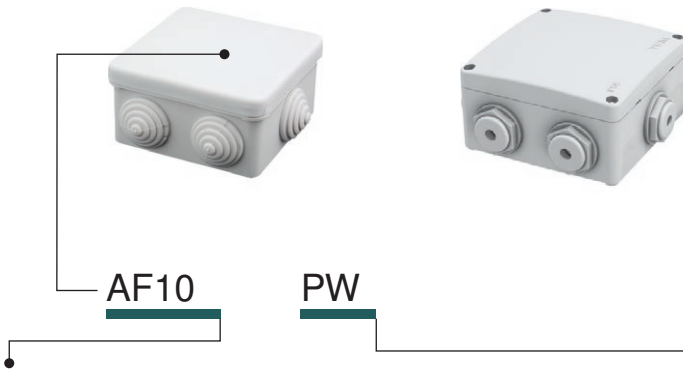
- CF17PW
- CF17GY

- BV bezvijčani kontakti 1,5-2,5mm<sup>2</sup>
- 2P+E šuko+poklopac + sklopka izmjenična okomita
- 16A + 10AX 250V ~, tip CF17
- sukladno normama EN 60884-1, CEE7, EN 60669-1

SOCKET SCH+SWITCH 2WAY SET VERTICAL IP44 16A + 10AX 250V~ BV

- BV plug-in contacts 1.5-2.5mm<sup>2</sup>
- 2P+E schuko+cover + switch 2-way vertical
- 16A + 10AX 250V~, type CF17
- in accordance with EN 60884-1, CEE7, EN 60669-1





tip type	naziv description	tehnički podaci technical data	boja colour
AF10	RAZDJELNI ORMARIĆ DISTRIBUTION BOX	IP44 RN01	<input type="checkbox"/> PW bijela mat (RAL 9016) white-mat
AF20	RAZDJELNI ORMARIĆ DISTRIBUTION BOX	IP55 NDO1	<input type="checkbox"/> GY mat siva grey-mat

RAZDJELNI ORMARIĆ IP44 RN01

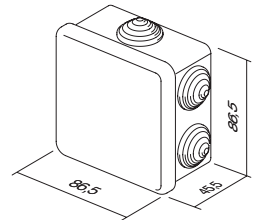


- AF10PW
- AF10GY

- nadžbukni razdjelni ormarić IP44
- 16A 400V ~
- sukladno normi IEC/EN 60670-1, IEC/EN 60670-22

DISTRIBUTION BOX IP44 RN01

- surface mounting distribution box IP44
- 16A 400V~
- in accordance with IEC/EN 60670-1, IEC/EN 60670-22



RAZDJELNI ORMARIĆ IP55 ND01

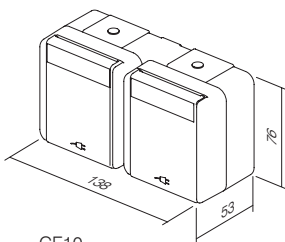
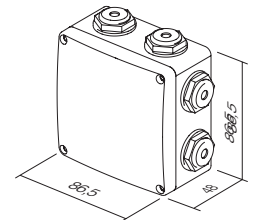


- AF20PW
- AF20GY

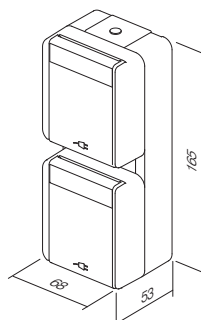
- nadžbukna priključna kutija IP55
- brtve uključene
- sukladno normi IEC/EN 60670-1, IEC/EN 60670-22

DISTRIBUTION BOX IP55 ND01

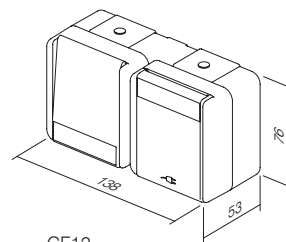
- surface mounting connection box IP55
- glands included
- in accordance with IEC/EN 60670-1, IEC/EN 60670-22



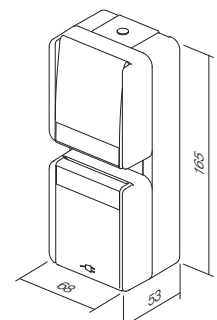
CF10  
CF14



CF11  
CF15



CF12  
CF16



CF13  
CF17

šifra	opis proizvoda	stranica	šifra	opis proizvoda	stranica
<b>SKLOPKE SM</b>			<b>KOMUNIKACIJE KM</b>		
SM10	SKLOPKA JEDNOPOLNA 16AX 250V~ 1M	50	KM10--	UTIČNICA TV OSNOVNA 0dB 1M	64
SM11	TIPKALO JEDNOPOLNO 16A 250V~ 1M	50	KM20--	UTIČNICA TV OSNOVNA 0dB 2M	64
SM12	SKLOPKA JEDNOPOLNA 20A 250V~ 1M	50	KM11--	UTIČNICA TV ZAVRŠNA 1dB 1M	64
SM20	SKLOPKA DVOPOLNA 16AX 250V~ 1M	50	KM12--	UTIČNICA TV PROLAZNA 10dB 1M	64
SM40	SKLOPKA ŽALUZIJSKA 1-0-2 16AX 250V~ 1M	51	KM15--	UTIČNICA SAT OSNOVNA 0dB 1M	65
SM41	TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M	51	KM24--	UTIČNICA SAT OSNOVNA 0dB 2M	65
SM60	SKLOPKA IZMJENIČNA 16AX 250V~ 1M	51	KM16--	UTIČNICA SAT ZAVRŠNA 1dB 1M	65
SM61	TIPKALO IZMJENIČNO 16A 250V~ 1M	51	KM19--	UTIČNICA R OSNOVNA 0dB 1M	65
SM70	SKLOPKA KRIŽNA 16AX 250V~ 1M	51	KM29--	UTIČNICA R OSNOVNA 0dB 2M	65
SM10--	SKLOPKA JEDNOPOLNA 16AX 250V~ 1M	52	KM25--	UTIČNICA SAT-TV ZAVRŠNA 1dB 2M	65
SM10--IN	SKLOPKA JEDNOPOLNA 16AX 250V~ 1M IN	52	KM22--	UTIČNICA AUDIO 2xRCA 1M	66
SM11--	TIPKALO JEDNOPOLNO 16A 250V~ 1M	52	KM23--	UTIČNICA AUDIO ZVUČNICI 1M	66
SM11--IN01	TIPKALO JEDNOPOLNO 16A 250V~ 1M IN 01	52	KM26--	UTIČNICA AUDIO ZVUČNICI 2M	66
SM11--IN02	TIPKALO JEDNOPOLNO 16A 250V~ 1M IN 02	53	KM30--	UTIČNICA TEL LT RJ11 6/4 1M	67
SM20--NT03	SKLOPKA DVOPOLNA 16AX 250V~ 1M NT 03	53	KM31--	UTIČNICA TEL BT SEC 6/6 1M	67
SM20--IN	SKLOPKA DVOPOLNA 16AX 250V~ 1M IN	53	KM36--	UTIČNICA TEL KS RJ11 6/4 1M	67
SM40--NT10	SKLOPKA ŽALUZIJSKA 1-0-2 16AX 250V~ 1M NT 10	53	KM37--	UTIČNICA CAT5e KS RJ45 8/8 1M	67
SM41--NT10	TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M NT 10	53	KM35--	ADAPTER KS 1M	67
SM60--	SKLOPKA IZMJENIČNA 16AX 250V~ 1M	53	KM38--	ADAPTER KS SA ZAŠTITOM OD PRAŠINE 1M	67
SM61--	TIPKALO IZMJENIČNO 16A 250V~ 1M	54	KM39--	UTIČNICA CAT6 SCH KS RJ45 8/8 1M	68
SM62--CD	TIPKALO IZMJENIČNO S UZICOM 16A 250V~ 1M CD	54	KM50--	ADAPTER KS UNIVERZALNI 1M	68
SM70--	SKLOPKA KRIŽNA 16AX 250V~ 1M	54	KM40--	ADAPTER PD 1M	68
<b>TIPKE TM</b>			KM43--	ADAPTER PD SA ZAŠTITOM OD PRAŠINE 1M	68
TM11--	TIPKA 1M	55	KM46--	ADAPTER R&M 1M	68
TM11--IN	TIPKA 1M INDIKATOR	55	KM52--	ADAPTER R&M CAT6A 1M	68
TM12--	TIPKA 2M	55	KM47--	ADAPTER R&M SA ZAŠTITOM OD PRAŠINE 1M	69
TM12--IN	TIPKA 2M INDIKATOR	55	KM53--	ADAPTER R&M CAT6A SA ZAŠTITOM OD PRAŠINE 1M	69
TM13--IL	TIPKA 2M S NATPISNOM PLOČICOM	56	KM45--	ADAPTER LK 1M	70
TM15--	TIPKA 1M DVOPOLNA	56	KA26	ADAPTER NEXSANS/SCHRACK 2M	70
TM21--	SLJEPI ELEMENT 1M	56	KM48--	ADAPTER AT&T SYSTIMAX SA ZAŠTITOM OD PRAŠINE 1M	70
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IA10--	NEONSKA TINJALICA 230V~ 0,34W	58	KA11	KONEKTOR KS CAT5e RJ45 8/8	71
IA20--	LED SIGNALIZACIJA 230V~ AC/DC 0,40W	58	KA12	KONEKTOR KS CAT5eS RJ45 8/8	71
IA21--	LED SIGNALIZACIJA 24V AC/DC 0,20W	58	KA15	KONEKTOR KS CAT6 SCHRACK RJ45 8/8	71
IA22--	LED SIGNALIZACIJA 12V AC/DC 0,10W	58	KA16	KONEKTOR KS CAT6S SCHRACK RJ45 8/8	71
IA50	RC SKLOP 250V	58	KA17	KONEKTOR KS CAT6a SCHRACK RJ45 8/8	71
<b>UTIČNICE VM</b>			KA18	KONEKTOR TANKI KS CAT6S SCHRACK RJ45 8/8	72
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VM11--	UTIČNICA ŠUKO+KS+POKLOPAC 2P+E 16A 250V~ 2M	60	KA28	KABEL KS HDMI	72
VM20--	UTIČNICA EURO+KS 2P 10A 250V~ 1M	61	<b>ELEKTRONIKA EM</b>		
VM40--	UTIČNICA FRANCUSKA+KS 2P+E 16A 250V~ 2M	61	EM12--	REGULATOR OSVETLJENJA ROTACIJSKI IZMJENIČNI RL 300W 1M	73
VM41--	UTIČNICA FRANCUSKA+KS+POKLOPAC 2P+E 16A 250V~ 2M	61	EM13--	REGULATOR OSVETLJENJA ROTACIJSKI IZMJENIČNI LED 60W 1M	73
VM30--	UTIČNICA TALIJANSKA P17/11+KS 2P+E 16A 250V~ 1M	61	EM14--	REGULATOR OSVETLJENJA ROTACIJSKI IZMJENIČNI LED 180W 1M	74
VM31--	UTIČNICA ŠUKO TALIJANSKA P17/11+KS 2P+E 16A 250V~ 2M	61	EM15--	REGULATOR OSVJETLJENJA ROTACIJSKI R 250W 1M	74
VM32--	UTIČNICA ŠUKO TALIJANSKA P30+KS 2P+E 16A 250V~ 2M	62	EM16--	1 – 10 V ZATAMNIVAČ ROTACIJSKI IZMJENIČNI	75
VM33--	UTIČNICA TALIJANSKA P11+KS 2P+E 10A 250V~ 1M	62	EM23	UGRADBENI ZATAMNIVAČ R (250 W), (RC,RL 200VA)	75
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			EM50--	AMBIJENTALNA LED SVJETILJKA JEDNOBOJNA 250V~ 0,8W 2M	90
			EM51--	LED SVJETILJKA DVOBOJNA 250V~ 2x0,4W 2M	90
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CF10--	SET ŠUKO UTIČNICA DVOSTRUKI VODORAVNI IP44 2x2P+E 16A 250V-	235
CF11--	SET ŠUKO UTIČNICA DVOSTRUKI OKOMITI IP44 2x2P+E 16A 250V-	235
CF12--	SET ŠUKO UTIČNICA + SKLOPKA IZMJENIČNA VODORAVNI IP44 16A + 10AX 250V-	235
CF13--	SET ŠUKO UTIČNICA + SKLOPKA IZMJENIČNA OKOMITI IP44 16A + 10AX 250V-	236
CF14--	SET ŠUKO UTIČNICA DVOSTRUKI VODORAVNI IP44 2x 2P+E 16A 250V-BV	236
CF15--	SET ŠUKO UTIČNICA DVOSTRUKI OKOMITI IP44 2x 2P+E 16A 250V- BV	236
CF16--	SET UTIČNICA + SKLOPKA IZMJENIČNA VODORAVNI IP44 16A + 10AX 250V- BV	236
CF17--	SET UTIČNICA SKLOPKA IZMJENIČNA OKOMITI IP44 16A + 10AX 250V- BV	236

šifra	opis proizvoda	stranica
<b>PRIBOR AF</b>		
AF10--	RAZDJELNI ORMARIĆ IP44 RN01	237
AF20--	RAZDJELNI ORMARIĆ IP55 ND01	237



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