

TEM

On | Off and everything in between



2023



TEM

On | Off and everything in between



Smo vodilni proizvajalec stikal in vtičnic v regiji. Svojim uporabnikom že pol stoletja zagotavljamo pozitivno ter enostavno izkušnjo, hkrati pa s preprosto vgradnjo in uporabo izdelkov, širokim izborom barv in materialov, zadovoljimo še tako zahtevne želje vsakega uporabnika in prostora.

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

Dobrodošli v družini MODUL

Welcome to the MODUL family

Ambientu vdahnite osebno noto in vaš slog poudarite s stikali in vtičnicami iz družine MODUL.

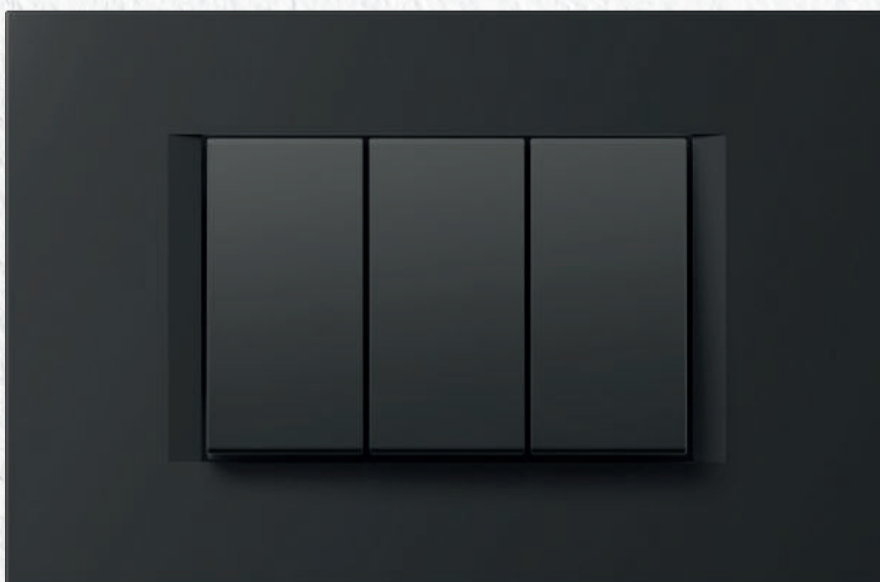
Give your ambience a personal touch and show off your style with switches and sockets from MODUL family.

odkrivamo nove poglede

discovering new insights

MODUL

LINE



Čiste, ravne linije ustvarjajo brezčasen dizajn.

Straight, smooth lines create a timeless design.

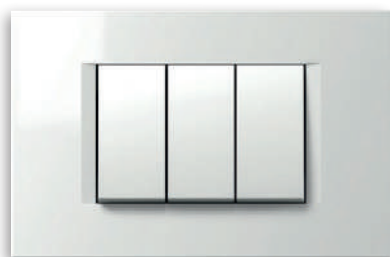




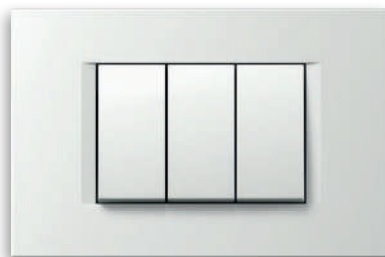
MODUL

LINE

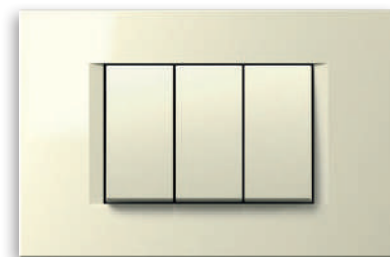
PW	MW	IW	ES	AT	SB
					
bela-sijaj	bela-mat	bež-sijaj	srebrna-mat	antracit	črna-mat
<i>polar white</i>	<i>matte white</i>	<i>ivory white</i>	<i>elox silver</i>	<i>anthracite</i>	<i>soft touch black</i>



PW bela-sijaj
polar white



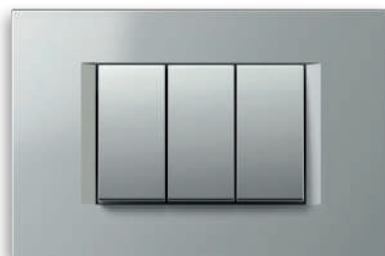
MW bela-mat
matte white



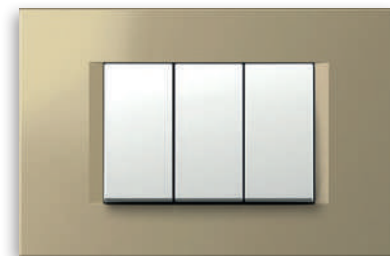
IW bež-sijaj
ivory white



SW kamen beli
stone white



ES srebrna-mat
elox silver



SG zlata-mat
sand gold



TI titan
titanium



IB modra-mat
impulse blue



AT antracit
anthracite



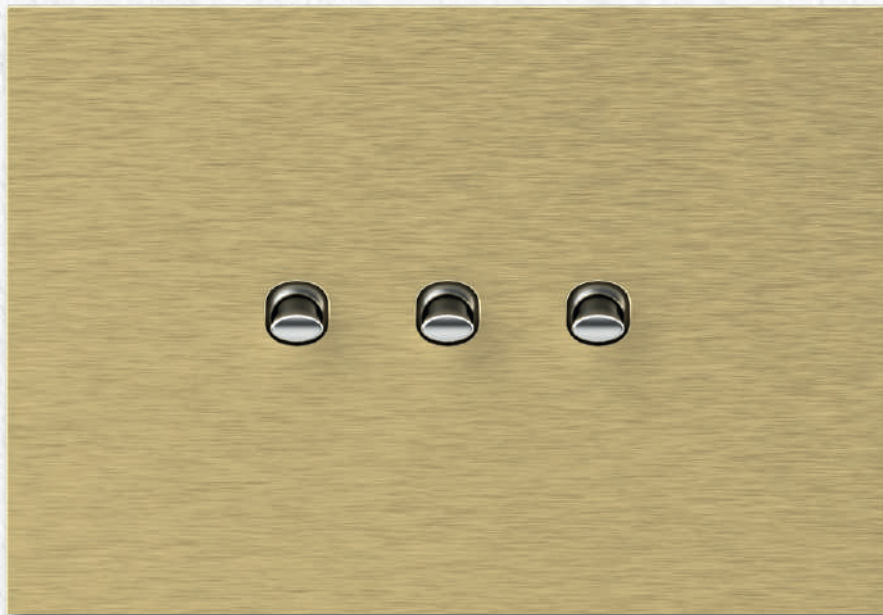
NB črna-sijaj
night black



SB črna-mat
soft touch black

MODUL

EDGE



Nova prestižna linija, ki nudi posebno čutno in vizualno izkušnjo kot nikoli doslej. Si upate?

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





MODUL

EDGE

PB



črna

black

PA



antracit

anthracite

PG



zlata

gold

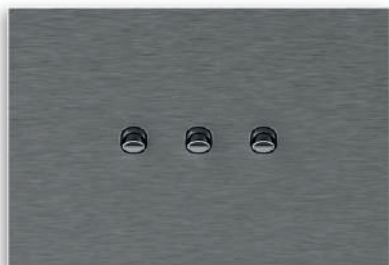
PC



krom

chrome

kovina
metal



MA srebrna
silver

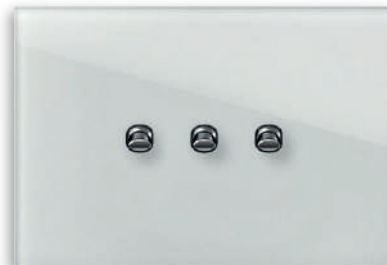


MT antracit
anthracite



MZ zlata
gold

steklo
glass



GL bela
glass light



GD črna
glass dark

MODUL

EDGE



Čistost stekla dovoli svetlobi, da se poigra in manifestira v novih steklenih dekorativnih okvirjih EDGE. Kontrastni barvi zadovoljita še tako prefinjen okus.

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.





steklo
glass



GL bela
glass light



GD črna
glass dark

MODUL
EDGE



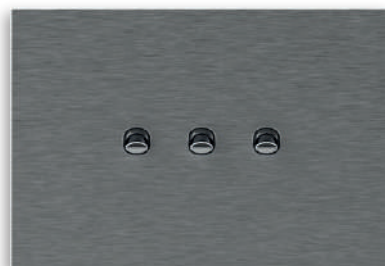
Po zaslugi impresivne obdelave aluminij zasije v novi luči - kovinskih dekorativnih okvirjih EDGE. V treh barvnih izkušnjah, vrednih pozornosti.

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.





kovina
metal



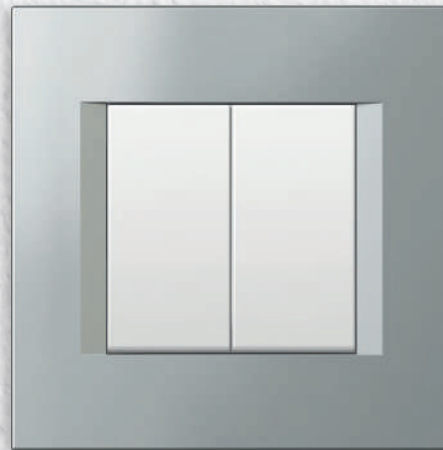
MA srebrna
silver



MT antracit
anthracite

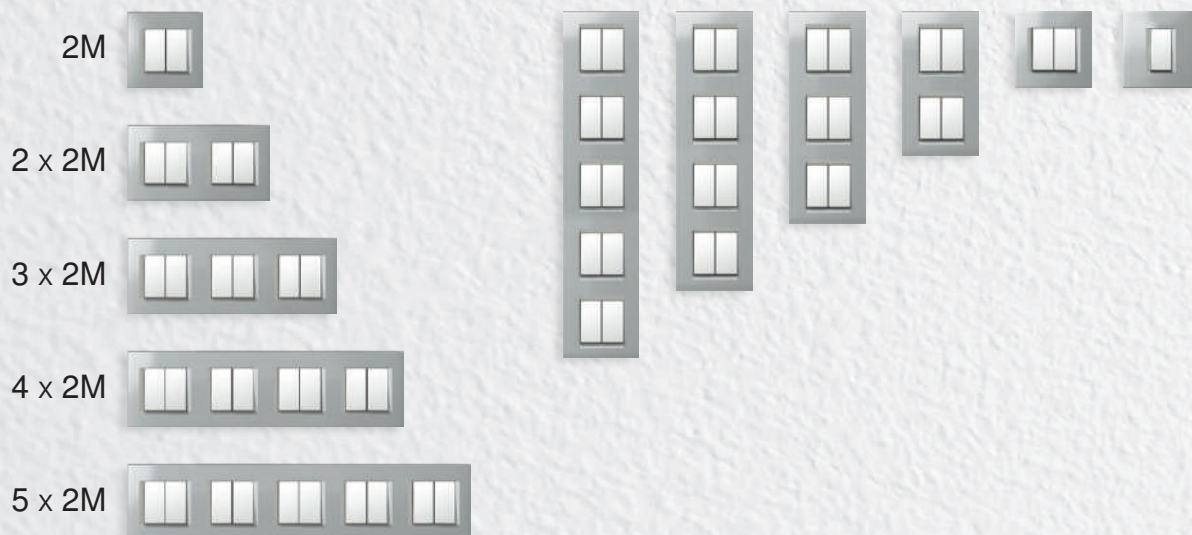
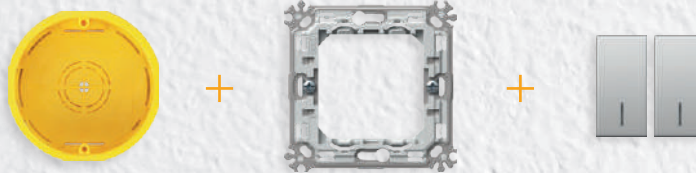


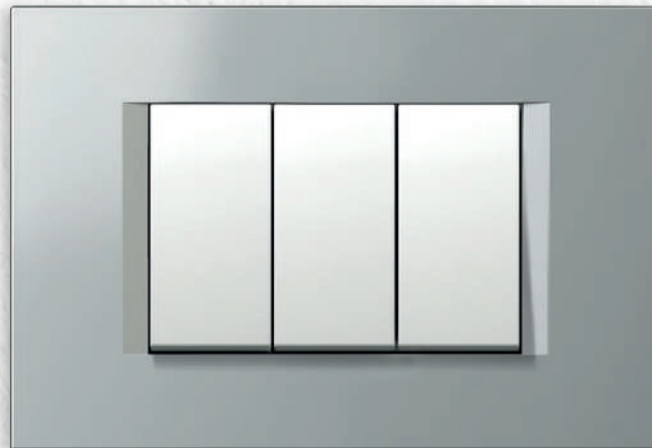
MZ zlata
gold



MODUL

- LINE
- SOFT
- PURE
- EDGE



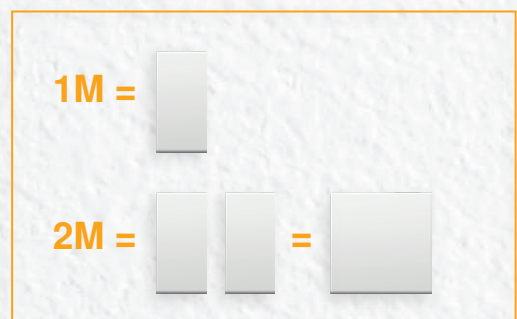


MODUL

- LINE
- SOFT
- PURE
- EDGE



2 x 7M





PW
bela-sijaj
polar white



MW
bela mat
matte white



SB
črna-mat
soft touch black



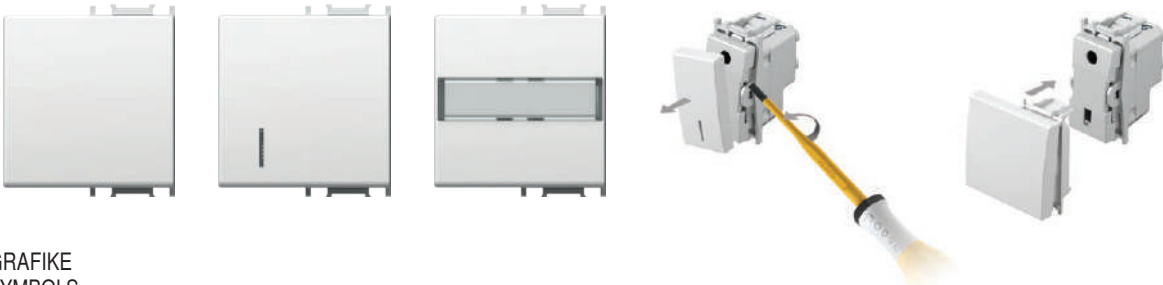
AT
antracit
anthracite



ES
srebrna-mat
elox silver

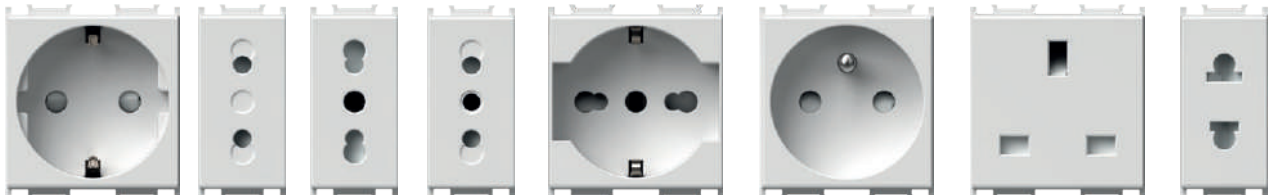


IW
bež-sijaj
ivory white



GRAFIKE 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					



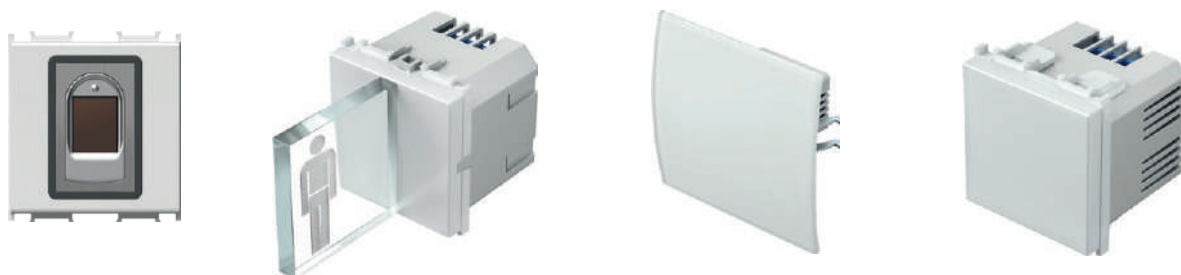
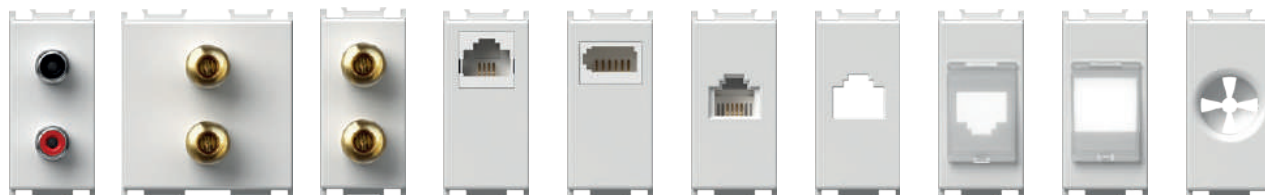
Zanesljiva priključitev vodnikov različnih premerov.

Reliable connection even when different size of wires are used.



Vse vtičnice imajo vgrajeno varovalo pred dotikom elementov pod napetostjo.

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



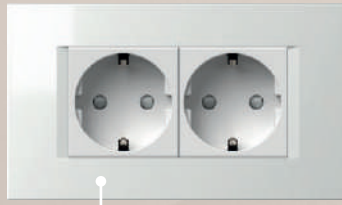
Dolga življenska doba stikal in ustreznost sodobnim standardom.

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



Zanesljivost preklopa omogočajo srebrne kontaktne kovice.

The switch is highly reliable via its silver rivets contacts.







VEČOPRAVILNO ČASOVNO STIKALO

MULTIPURPOSE TIMER SWITCH

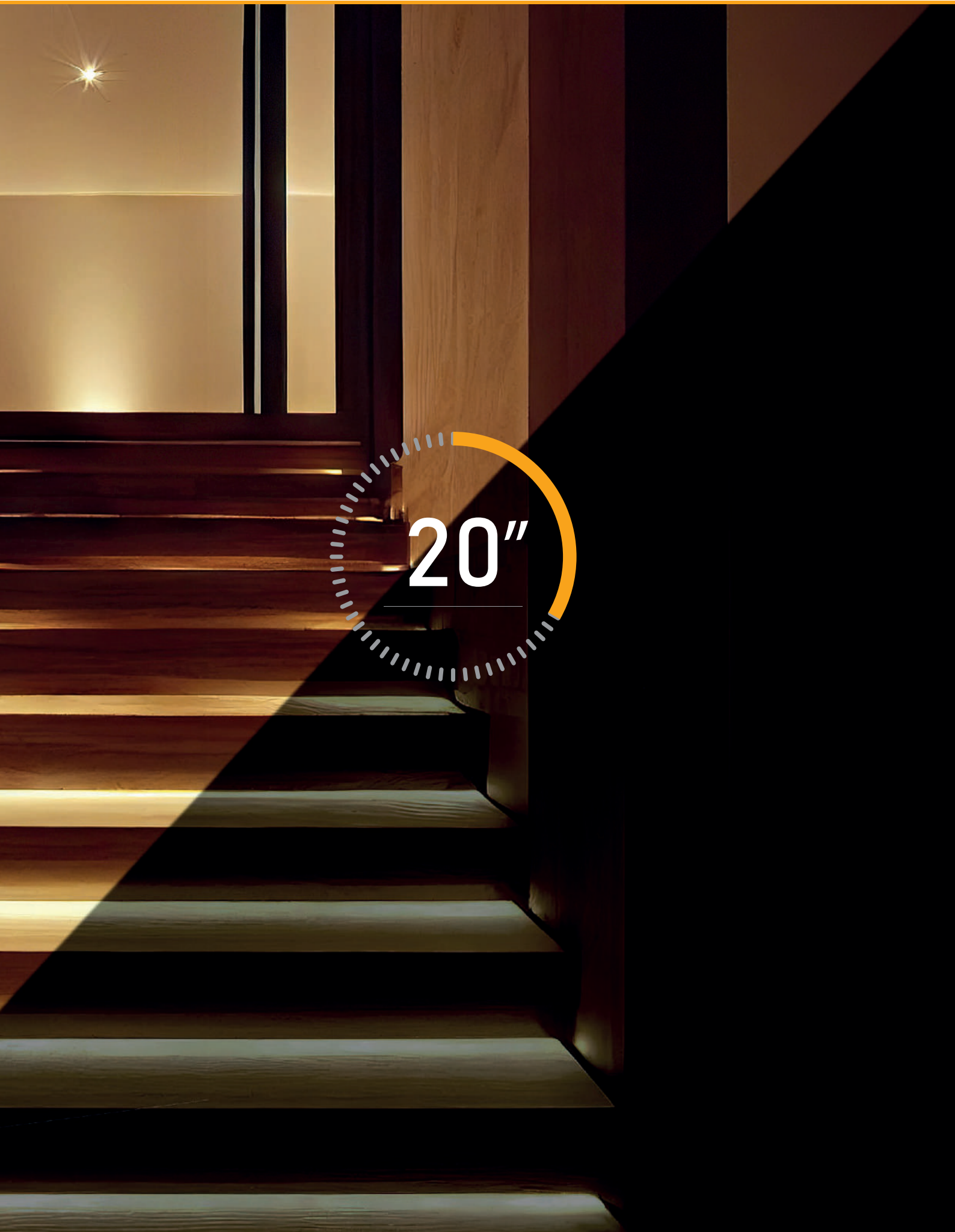
4 v 1

- časovnik
- rele
- tipkalo
- stikalo

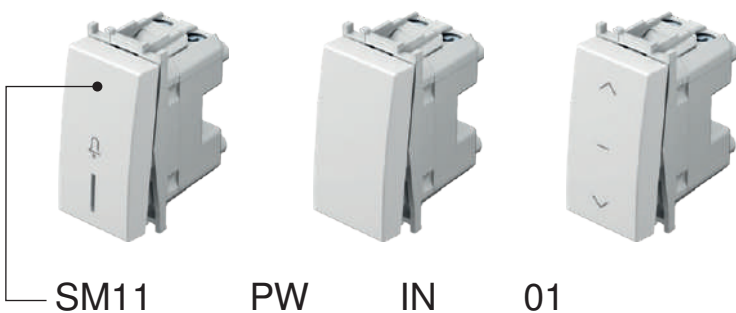
4 in 1

- timer
- relay
- push button
- switch





20"

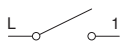


tip type	naziv description	tehnični opis technical data	velikost size	barva colour	opcijski opis 1 optional data 1	opcijski opis 2 optional data 2
SM10	STIKALO ENOPOLNO SWITCH 1WAY	16AX 250V~	1M	<input type="checkbox"/> PW bela-sijaj polar white	<input type="checkbox"/> NT nevtral neutral	01
SM11	TIPKALO ENOPOLNO PUSH BUTTON 1WAY	16A 250V~	1M	<input type="checkbox"/> MW bela-mat matte white	<input type="checkbox"/> IN indikator indicator	02
SM12	STIKALO ENOPOLNO SWITCH 1WAY	20A 250V~	1M	<input checked="" type="checkbox"/> SB črna-mat soft touch black		03
⋮	⋮	⋮	⋮	<input type="checkbox"/> AT antracit anthracite		
⋮	⋮	⋮	⋮	<input type="checkbox"/> ES srebrna-mat elox silver		
⋮	⋮	⋮	⋮	<input type="checkbox"/> IW bež-sijaj ivory white		

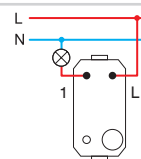
STIKALO ENOPOLNO 16AX 250V~ 1M



SM10



- stikalo brez tipke
 - 16AX 250V~, tip SM10
 - ustreza EN 60669-1
 - vijajčna pritrditev vodnikov 1.5-2.5mm²
- SWITCH 1WAY 16AX 250V~ 1M**
- switch without button
 - 16AX 250V~, type SM10
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5mm²



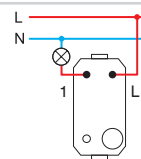
TIPKALO ENOPOLNO 16A 250V~ 1M



SM11



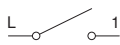
- tipkalo brez tipke
 - 16A 250V~, tip SM11
 - ustreza EN 60669-1
 - vijajčna pritrditev vodnikov 1.5-2.5mm²
- PUSH BUTTON 1WAY 16A 250V~ 1M**
- push button without button
 - 16A 250V~, type SM11
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5mm²



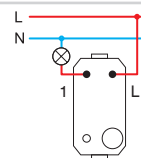
STIKALO ENOPOLNO 20A 250V~ 1M



SM12



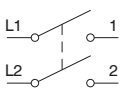
- stikalo brez tipke
 - 20A 250V~, tip SM12
 - ustreza EN 60669-1
 - vijajčna pritrditev vodnikov 1.5-2.5mm²
- SWITCH 1WAY 20A 250V~ 1M**
- switch without button
 - 20A 250V~, type SM12
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5mm²



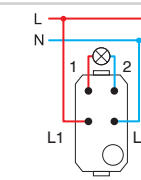
STIKALO DVOPOLNO 16AX 250V~ 1M



SM20



- stikalo brez tipke
 - 16AX 250V~, tip SM20
 - ustreza EN 60669-1
 - vijajčna pritrditev vodnikov 1.5-2.5mm²
 - samo v kombinaciji s tipko TM15
- SWITCH 2POLE 16AX 250V~ 1M**
- switch without button
 - 16AX 250V~, type SM20
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5mm²
 - only in combination with button TM15



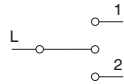
S W I T C H E S S M



SM40

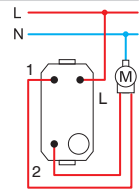
STIKALO ŽALUZIJSKO 1-0-2 16AX 250V~ 1M

- stikalo brez tipke
- 16AX 250V~, tip SM40
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²



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

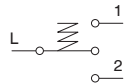
- switch without button
- 16AX 250V~, type SM40
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



SM41

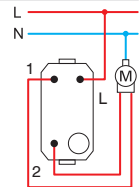
TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M

- tipkalo brez tipke
- 16A 250V~, tip SM41
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²



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

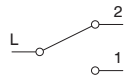
- push button without button
- 16A 250V~, type SM41
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



SM60

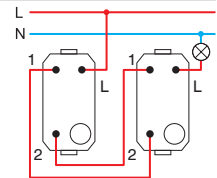
STIKALO MENJALNO 16AX 250V~ 1M

- stikalo brez tipke
- 16AX 250V~, tip SM60
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²



SWITCH 2WAY 16AX 250V~ 1M

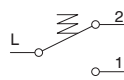
- switch without button
- 16AX 250V~, type SM60
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



SM61

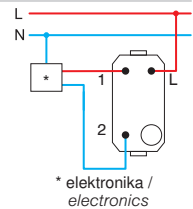
TIPKALO MENJALNO 16A 250V~ 1M

- tipkalo brez tipke
- 16A 250V~, tip SM61
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²



PUSH BUTTON 2WAY 16A 250V~ 1M

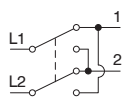
- push button without button
- 16A 250V~, type SM61
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



SM70

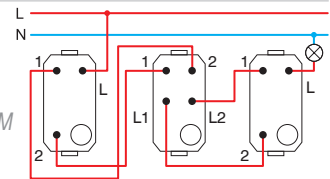
STIKALO KRIŽNO 16AX 250V~ 1M

- stikalo brez tipke
- 16AX 250V~, tip SM70
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²

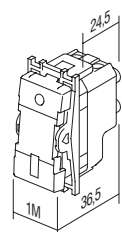
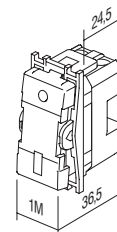


SWITCH INTERMEDIATE 16AX 250V~ 1M

- switch without button
- 16AX 250V~, type SM70
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



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





□ PW bela-sijaj
polar white
□ MW bela-mat
matte white



■ SB črna-mat
soft touch black



■ AT antracit
anthracite



□ ES srebrna-mat
elox silver



□ IW bež-sijaj
ivory white

STIKALO ENOPOLNO 16AX 250V~ 1M



- SM10PW - 16AX 250V~, tip SM10
 - SM10MW - ustreza EN 60669-1
 - SM10SB - vijačna pritrditev vodnikov 1.5-2.5 mm²
 - SM10AT - zamenljiva tipka
 - SM10ES
 - SM10IW
- SWITCH 1WAY 16AX 250V~ 1M**
- 16AX 250V~, type SM10
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm²
- replaceable button



STIKALO ENOPOLNO 16AX 250V~ 1M __ IN



- SM10PWIN - IN indikator
 - SM10MWIN - 16AX 250V~, tip SM10
 - SM10SBIN - ustreza EN 60669-1
 - SM10ATIN - vijačna pritrditev vodnikov 1.5-2.5 mm²
 - SM10ESIN - tlivka ni priložena
 - SM10IWIN - zamenljiva 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 mm²
- lamp is not included
- replaceable button



TIPKALO ENOPOLNO 16A 250V~ 1M



- SM11PW - 16A 250V~, tip SM11
 - SM11MW - ustreza EN 60669-1
 - SM11SB - vijačna pritrditev vodnikov 1.5-2.5 mm²
 - SM11AT - zamenljiva tipka
 - SM11ES
 - SM11IW
- PUSH BUTTON 1WAY 16A 250V~ 1M**
- 16A 250V~, type SM11
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm²
- replaceable button



TIPKALO ENOPOLNO 16A 250V~ 1M __ IN 01



- SM11PWIN01 - IN 01 indikator zvonec
 - SM11MWIN01 - 16A 250V~, tip SM11
 - SM11SBIN01 - ustreza EN 60669-1
 - SM11ATIN01 - vijačna pritrditev vodnikov 1.5-2.5 mm²
 - SM11ESIN01 - tlivka ni priložena
 - SM11IWIN01 - zamenljiva 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 mm²
- lamp is not included
- replaceable button



S W I T C H E S S M

TIPKALO ENOPOLNO 16A 250V~ 1M __ IN 02



- SM11PWIN02 - IN 02 indikator luč
- SM11MWIN02 - 16A 250V~, tip SM11
- SM11SBIN02 - ustreza EN 60669-1
- SM11ATIN02 - vijakna pridrtež vodnikov 1.5-2.5 mm²
- SM11ESIN02 - tlička ni priložena
- SM11WIN02 - zamenljiva 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 mm²
- lamp is not included
- replaceable button



STIKALO DVOPOLNO 16AX 250V~ 1M __ NT 03



- SM20PWNT03 - NT 03 nevtral 0-1
- SM20MWNT03 - 16AX 250V~, tip SM20
- SM20SBNT03 - ustreza EN 60669-1
- SM20ATNT03 - vijakna pridrtež vodnikov 1.5-2.5 mm²
- SM20ESNT03 - zamenljiva 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 mm²
- replaceable button



STIKALO DVOPOLNO 16AX 250V~ 1M __ IN



- SM20PWIN - IN indikator
- SM20MWIN - 16AX 250V~, tip SM20
- SM20SBIN - ustreza EN 60669-1
- SM20ATIN - vijakna pridrtež vodnikov 1.5-2.5 mm²
- SM20ESIN - tlička ni priložena
- SM20IWIN - zamenljiva 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 mm²
- lamp is not included
- replaceable button



STIKALO ŽALUZIJSKO 1-0-2 16AX 250V~ 1M __ NT 10



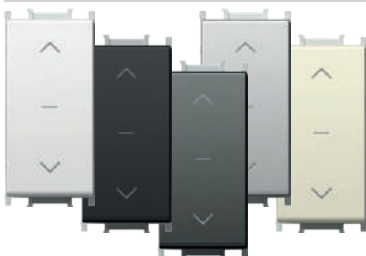
- SM40PWNT10 - NT 10 nevtral 1-0-2
- SM40MWNT10 - 16AX 250V~, tip SM40
- SM40SBNT10 - ustreza EN 60669-1
- SM40ATNT10 - vijakna pridrtež vodnikov 1.5-2.5 mm²
- SM40ESNT10 - zamenljiva tipka
- SM40IWNT10

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 1.5-2.5 mm²
- replaceable button



TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M __ NT 10



- SM41PWNT10 - NT 10 nevtral 1-0-2
- SM41MWNT10 - 16A 250V~, tip SM41
- SM41SBNT10 - ustreza EN 60669-1
- SM41ATNT10 - vijakna pridrtež vodnikov 1.5-2.5 mm²
- SM41ESNT10 - zamenljiva 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 1.5-2.5 mm²
- replaceable button



STIKALO MENJALNO 16AX 250V~ 1M



- SM60PW - 16AX 250V~, tip SM60
- SM60MW - ustreza EN 60669-1
- SM60SB - vijakna pridrtež vodnikov 1.5-2.5 mm²
- SM60AT - zamenljiva tipka
- SM60ES
- SM60IW

SWITCH 2WAY 16AX 250V~ 1M

- 16AX 250V~, type SM60
- in accordance with EN 60669-1
- screw contacts 1.5-2.5 mm²
- replaceable button



TIPKALO MENJALNO 16A 250V~ 1M



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

- 16A 250V~, tip SM61
 - ustreza EN 60669-1
 - vijačna pritrditev vodnikov 1.5-2.5 mm²
 - zamenljiva tipka

PUSH BUTTON 2WAY 16A 250V~ 1M

- 16A 250V~, type SM61
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5 mm²
 - replaceable button



TIPKALO MENJALNO Z VRVICO 16A 250V~ 1M __ CD



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

- CD indikator+vrvica
 - vrvica dolžine 1.5m
 - 16A 250V~, tip SM62
 - ustreza EN 60669-1
 - vijačna pritrditev vodnikov 1.5-2.5 mm²

PUSH BUTTON 2WAY WITH CORD 16A 250V~ 1M __ CD

- CD indikator+cord
 - cord length 1.5m
 - 16A 250V~, type SM62
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5 mm²



STIKALO KRIŽNO 16AX 250V~ 1M



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

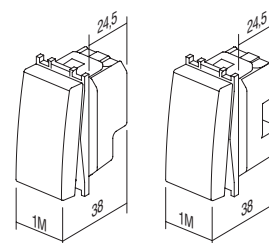
- 16AX 250V~, tip SM70
 - ustreza EN 60669-1
 - vijačna pritrditev vodnikov 1.5-2.5 mm²
 - zamenljiva tipka

SWITCH INTERMEDIATE 16AX 250V~ 1M

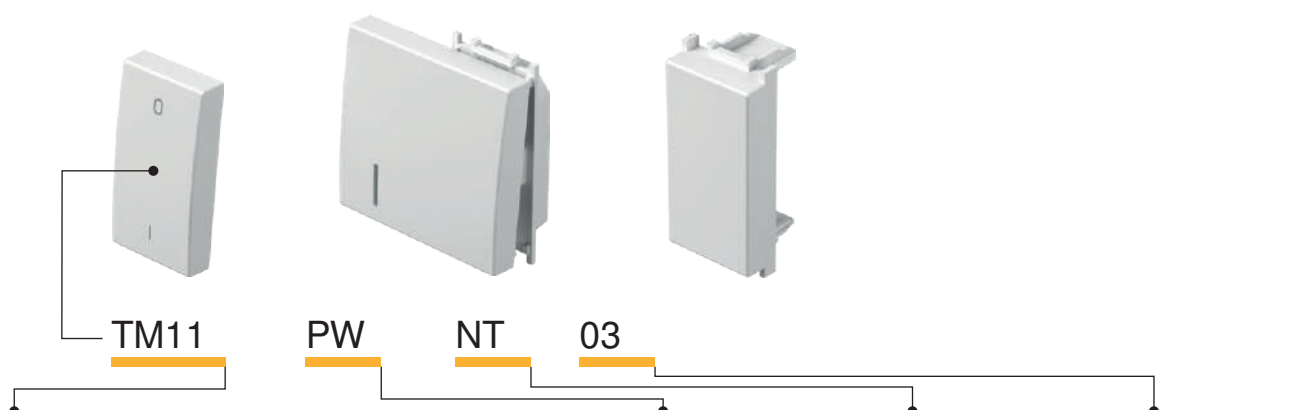
- 16AX 250V~, type SM70
 - in accordance with EN 60669-1
 - screw contacts 1.5-2.5 mm²
 - replaceable button






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



B U T T O N S T M



tip type	naziv description	velikost size	barva colour	opcijski opis 1 optional data 1	opcijski opis 2 optional data 2
TM11	TIPKA BUTTON	1M	<input type="checkbox"/> PW bela-sijaj polar white	 NT nevtral neutral	 01
TM12	TIPKA BUTTON	2M	<input type="checkbox"/> MW bela-mat matte white	 IN indikator indicator	 02
TM21	POLNILO BLANK	1M	<input checked="" type="checkbox"/> SB črna-mat soft touch black		 03
:	:	:	<input type="checkbox"/> AT antracit anthracite		
:	:	:	<input type="checkbox"/> ES srebrna-mat elox silver		
:	:	:	<input type="checkbox"/> IW bež-sijaj ivory white		

TIPKA 1M



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

- zamenljiva tipka velikosti 1M
- ustreza EN 60669-1

BUTTON 1M

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



TIPKA 1M INDIKATOR



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

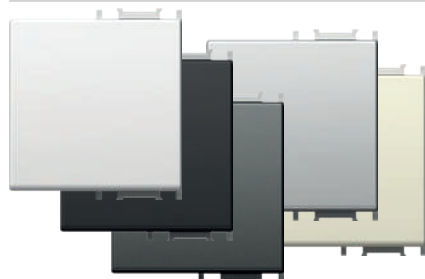
- zamenljiva tipka velikosti 1M
- ustreza EN 60669-1

BUTTON 1M INDICATOR

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



TIPKA 2M



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

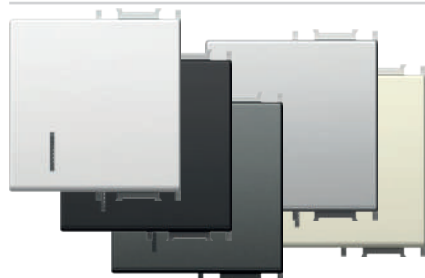
- zamenljiva tipka velikost 2M z nosilcem tipke
- uporablja se pri nadgradnji stikala ali tipkala
velikosti 1M v velikost 2M
- ustreza EN 60669-1

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

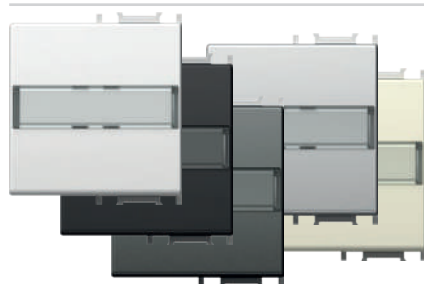
- zamenljiva tipka velikost 2M z nosilcem tipke
- uporablja se pri nadgradnji stikala ali tipkala
velikosti 1M v velikost 2M
- ustreza EN 60669-1

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 Z NAPISNO PLOŠČICO



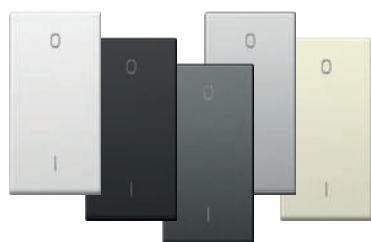
- TM13PWIL
- TM13MWIL
- TM13SBIL
- TM13ATIL
- TM13ESIL
- TM13IWIL

- zamenljiva tipka velikost 2M z nosilcem tipke
 - uporablja se pri nadgradnji stikala ali tipkala velikosti 1M v velikost 2M
 - ustreza 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



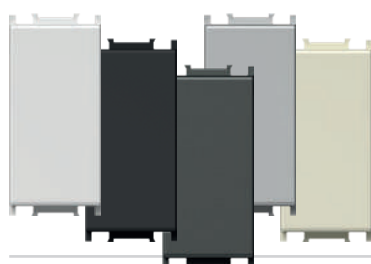
- TM15PW
- TM15MW
- TM15SB
- TM15AT
- TM15ES
- TM15IW

- zamenljiva tipka velikosti 1M
 - samo v kombinaciji z mehanizmom SM20
 - ustreza EN 60669-1

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



POLNILO 1M



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

- za zapolnjevanje praznih mest
 - ustreza EN 60669-1

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



POLNILO 2M



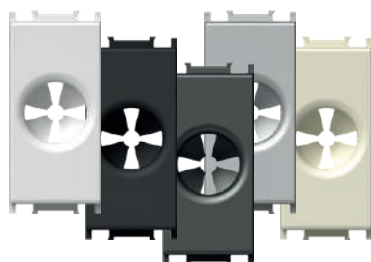
- TM22PW
- TM22MW
- TM22SB
- TM22AT
- TM22ES
- TM22IW

- za zapolnjevanje praznih mest
 - ustreza 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
 - ustreza EN-60669-1

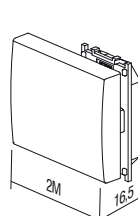
CABLE OUTLET 1M
 - outlet for cable
 - in accordance with EN-60669-1



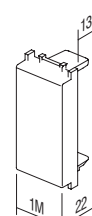
1M = 22,5 x 45
 2M = 45 x 45



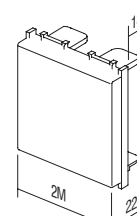
TM11
 TM15



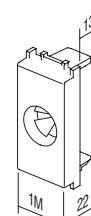
TM12
 TM13



TM21

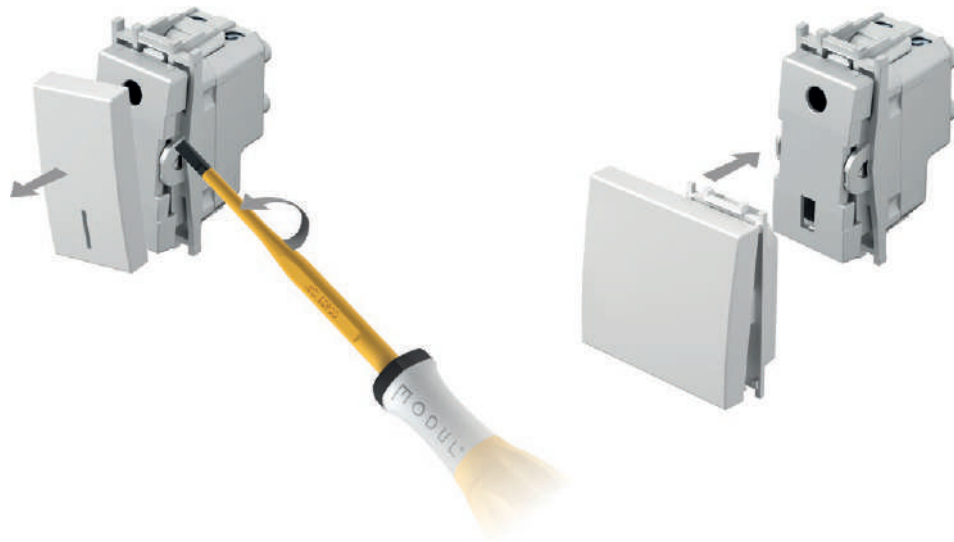


TM22



TM31

BUTTONS T M



LASERSKI TISK NA TIPKE

- laserski tisk poljubne grafike na označena mesta
- standardni simboli iz zaloge, ostali po naročilu

LASER PRINT ON BUTTONS

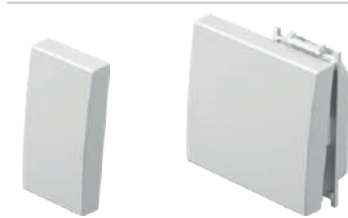
- laser print of any graphics on marked locations
- standard symbols from stock, other on request

1M

A
B
C

2M

A	D	G
B	E	H
C	F	I



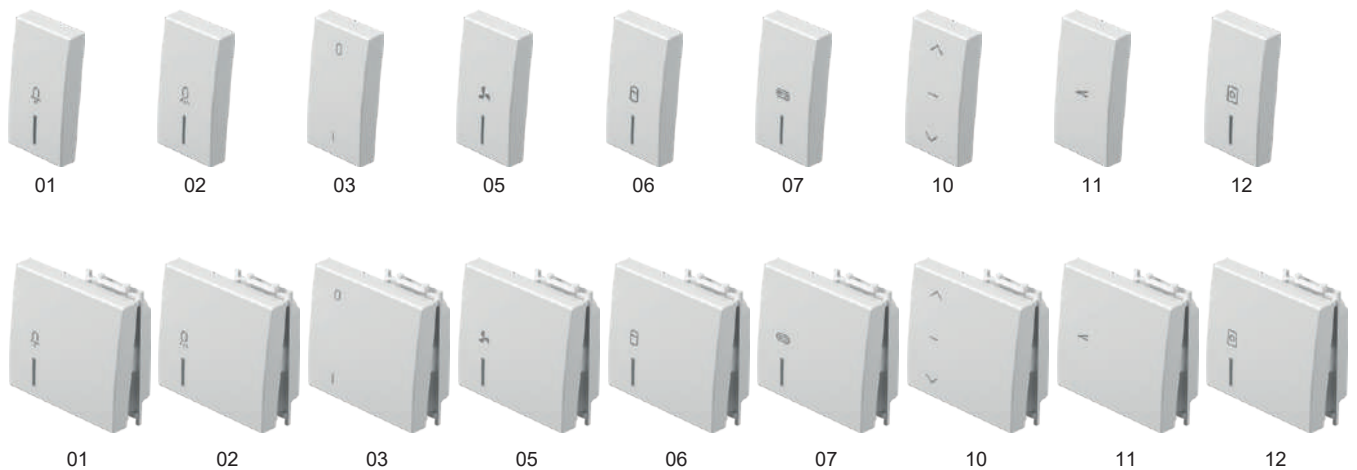
GRAFIKE

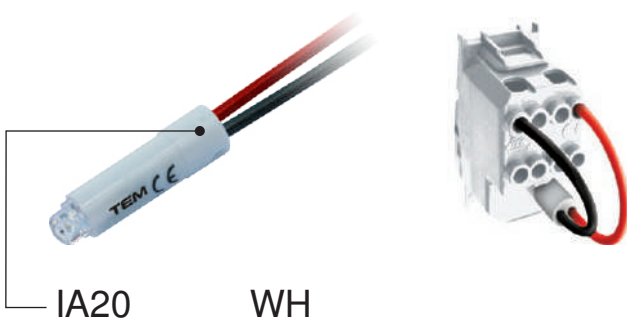
SYMBOLS

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					

STANDARDNE GRAFIKE

STANDARD SYMBOLS





tip type	naziv description	tehnični opis technical data	barva colour
IA10	TLIVKA NEON LAMP	230V~ 0,34W	<input type="checkbox"/> WH bela white
IA20	LED SIGNALIZACIJA LED SIGNALLING UNIT	230V~ AC/DC 0,40W	<input checked="" type="checkbox"/> BL modra blue
IA21	LED SIGNALIZACIJA LED SIGNALLING UNIT	24V AC/DC 0,20W	<input checked="" type="checkbox"/> RD rdeča red
⋮	⋮	⋮	<input checked="" type="checkbox"/> GR zelena green
⋮	⋮	⋮	<input checked="" type="checkbox"/> OR oranžna orange

TLIVKA 230V~ 0,34W



IA10OR

- za indikacijo, signalizacijo ali stalno signalizacijo
- v kombinaciji s tipko z indikatorjem

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 indikacijo, signalizacijo ali stalno signalizacijo
- v kombinaciji s tipko z indikatorjem

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 indikacijo, signalizacijo ali stalno signalizacijo
- v kombinaciji s tipko z indikatorjem

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 indikacijo, signalizacijo ali stalno signalizacijo
- v kombinaciji s tipko z indikatorjem

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

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

RC VEZJE 250V~

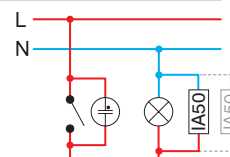


IA50

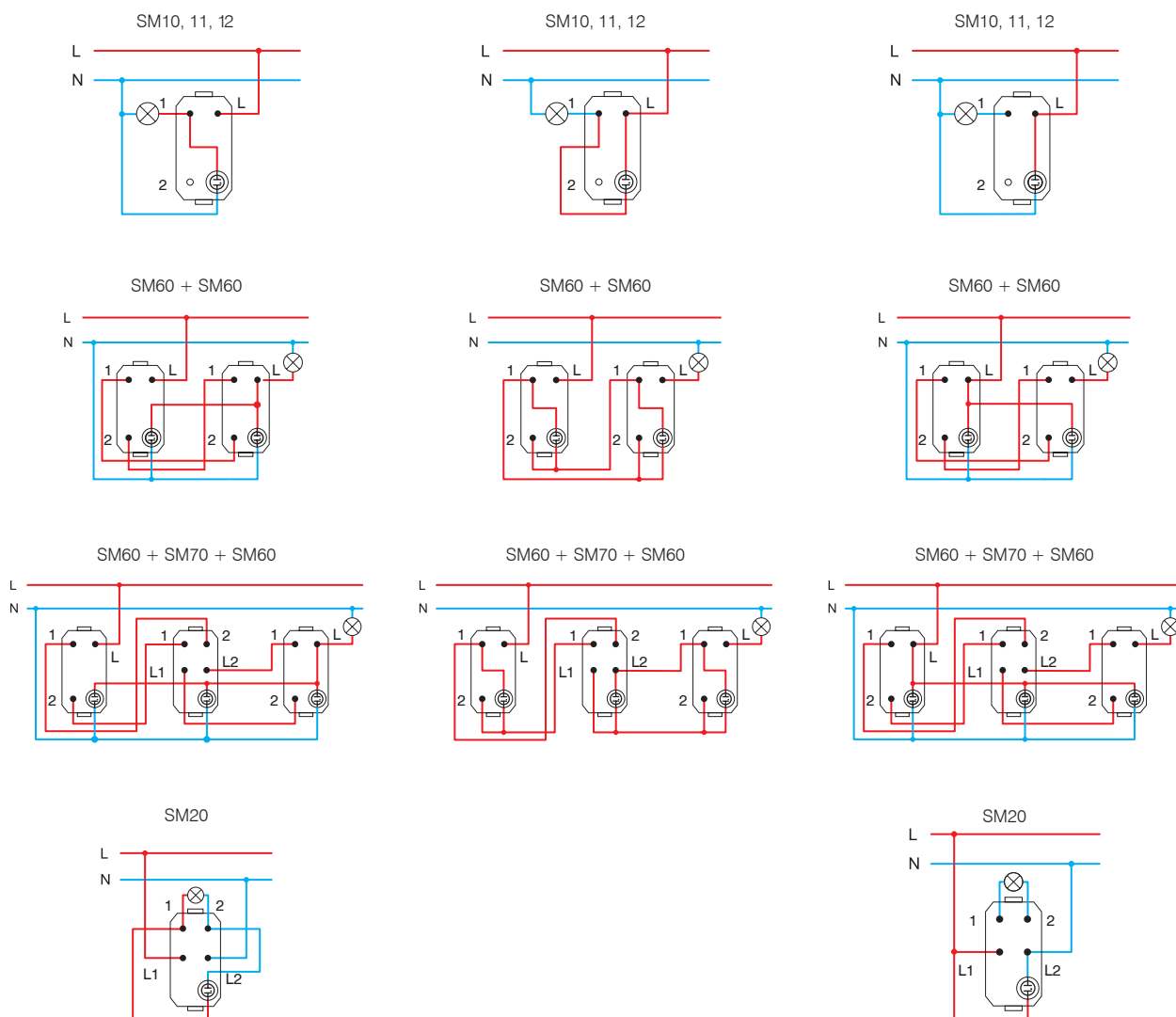
- RC vezje za odpravo motenj pri delovanju LED sijalk
- možna je vzporedna vezava več RC vezij s sijalkami
- 0,1 µF, 100 Ω, 250V~

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~

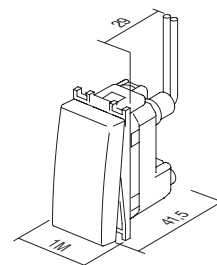


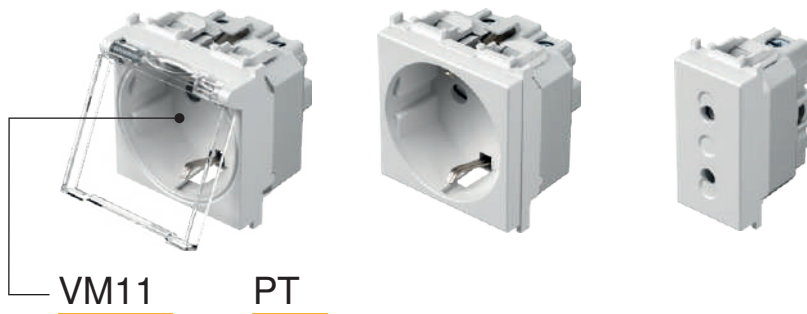
S I G N A L I Z A T I O N I A

Indikacija /
Indication* Signalizacija /
SignalizationStalna signalizacija
Permanent signalling

* vezave niso primerne za varčne (CFL, LED) sijalke /
the connections are not suitable for energy-saving bulbs (CFL, LED)

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





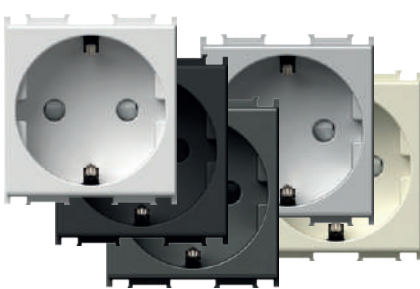
VM11

PT

tip type	naziv description	tehnični opis technical data	velikost size	barva colour																																										
VM10	VTIČNICA SCHUKO+KS SOCKET SCHUKO+KS	2P+E 16A 250V~	2M	<table border="0"> <tr> <td><input type="checkbox"/> PW</td> <td>bela-sijaj polar white</td> <td><input checked="" type="checkbox"/> PT</td> <td>bela+prozorna white+transparent</td> <td><input type="checkbox"/> PP</td> <td>bela+bela white+white</td> </tr> </table>	<input type="checkbox"/> PW	bela-sijaj polar white	<input checked="" type="checkbox"/> PT	bela+prozorna white+transparent	<input type="checkbox"/> PP	bela+bela white+white																																				
<input type="checkbox"/> PW	bela-sijaj polar white	<input checked="" type="checkbox"/> PT	bela+prozorna white+transparent	<input type="checkbox"/> PP	bela+bela white+white																																									
VM11	VTIČNICA SCHUKO+KS+POKROV SOCKET SCHUKO+KS+COVER	2P+E 16A 250V~	2M	<table border="0"> <tr> <td><input type="checkbox"/> MW</td> <td>bela- mat matte white</td> <td><input checked="" type="checkbox"/> MT</td> <td>bela+prozorna white+transparent</td> <td><input type="checkbox"/> MM</td> <td>bela+bela white+white</td> </tr> </table>	<input type="checkbox"/> MW	bela- mat matte white	<input checked="" type="checkbox"/> MT	bela+prozorna white+transparent	<input type="checkbox"/> MM	bela+bela white+white																																				
<input type="checkbox"/> MW	bela- mat matte white	<input checked="" type="checkbox"/> MT	bela+prozorna white+transparent	<input type="checkbox"/> MM	bela+bela white+white																																									
VM20	VTIČNICA EURO+KS SOCKET EURO+KS	2P 10A 250V~	1M	<table border="0"> <tr> <td><input checked="" type="checkbox"/> SB</td> <td>črna-mat soft touch black</td> <td><input checked="" type="checkbox"/> BT</td> <td>črna+prozorna soft touch black+transparent</td> <td><input checked="" type="checkbox"/> BB</td> <td>črna+črna soft touch black+black</td> </tr> <tr> <td><input checked="" type="checkbox"/> AT</td> <td>antracit anthracite</td> <td><input checked="" type="checkbox"/> AT</td> <td>antracit+prozorna anthracite+transparent</td> <td><input checked="" type="checkbox"/> AA</td> <td>antracit+antracit anthracite+anthracite</td> </tr> <tr> <td><input checked="" type="checkbox"/> ES</td> <td>srebrna-mat elox silver</td> <td><input checked="" type="checkbox"/> ST</td> <td>srebrna+prozorna silver+transparent</td> <td><input checked="" type="checkbox"/> SS</td> <td>srebrna+srebrna silver+silver</td> </tr> <tr> <td><input checked="" type="checkbox"/> IW</td> <td>bež-sijaj ivory white</td> <td><input checked="" type="checkbox"/> IT</td> <td>bež+prozorna ivory+transparent</td> <td><input checked="" type="checkbox"/> II</td> <td>bež+bež ivory+ivory</td> </tr> <tr> <td><input checked="" type="checkbox"/> RD</td> <td>rdeča red</td> <td><input checked="" type="checkbox"/> RT</td> <td>rdeča+prozorna red+transparent</td> <td><input checked="" type="checkbox"/> RR</td> <td>rdeča+rdeča red+red</td> </tr> <tr> <td><input checked="" type="checkbox"/> GR</td> <td>zelena green</td> <td><input checked="" type="checkbox"/> GT</td> <td>zelena+prozorna green+transparent</td> <td><input checked="" type="checkbox"/> GG</td> <td>zelena+zelena green+green</td> </tr> <tr> <td><input checked="" type="checkbox"/> OR</td> <td>oranžna orange</td> <td><input checked="" type="checkbox"/> OT</td> <td>oranžna+prozorna orange+transparent</td> <td><input checked="" type="checkbox"/> OO</td> <td>oranžna+oranžna orange+orange</td> </tr> </table>	<input checked="" type="checkbox"/> SB	črna-mat soft touch black	<input checked="" type="checkbox"/> BT	črna+prozorna soft touch black+transparent	<input checked="" type="checkbox"/> BB	črna+črna soft touch black+black	<input checked="" type="checkbox"/> AT	antracit anthracite	<input checked="" type="checkbox"/> AT	antracit+prozorna 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+prozorna silver+transparent	<input checked="" type="checkbox"/> SS	srebrna+srebrna silver+silver	<input checked="" type="checkbox"/> IW	bež-sijaj ivory white	<input checked="" type="checkbox"/> IT	bež+prozorna ivory+transparent	<input checked="" type="checkbox"/> II	bež+bež ivory+ivory	<input checked="" type="checkbox"/> RD	rdeča red	<input checked="" type="checkbox"/> RT	rdeča+prozorna red+transparent	<input checked="" type="checkbox"/> RR	rdeča+rdeča red+red	<input checked="" type="checkbox"/> GR	zelena green	<input checked="" type="checkbox"/> GT	zelena+prozorna green+transparent	<input checked="" type="checkbox"/> GG	zelena+zelena green+green	<input checked="" type="checkbox"/> OR	oranžna orange	<input checked="" type="checkbox"/> OT	oranžna+prozorna orange+transparent	<input checked="" type="checkbox"/> OO	oranžna+oranžna orange+orange
<input checked="" type="checkbox"/> SB	črna-mat soft touch black	<input checked="" type="checkbox"/> BT	črna+prozorna soft touch black+transparent	<input checked="" type="checkbox"/> BB	črna+črna soft touch black+black																																									
<input checked="" type="checkbox"/> AT	antracit anthracite	<input checked="" type="checkbox"/> AT	antracit+prozorna 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+prozorna silver+transparent	<input checked="" type="checkbox"/> SS	srebrna+srebrna silver+silver																																									
<input checked="" type="checkbox"/> IW	bež-sijaj ivory white	<input checked="" type="checkbox"/> IT	bež+prozorna ivory+transparent	<input checked="" type="checkbox"/> II	bež+bež ivory+ivory																																									
<input checked="" type="checkbox"/> RD	rdeča red	<input checked="" type="checkbox"/> RT	rdeča+prozorna red+transparent	<input checked="" type="checkbox"/> RR	rdeča+rdeča red+red																																									
<input checked="" type="checkbox"/> GR	zelena green	<input checked="" type="checkbox"/> GT	zelena+prozorna green+transparent	<input checked="" type="checkbox"/> GG	zelena+zelena green+green																																									
<input checked="" type="checkbox"/> OR	oranžna orange	<input checked="" type="checkbox"/> OT	oranžna+prozorna orange+transparent	<input checked="" type="checkbox"/> OO	oranžna+oranžna orange+orange																																									



VTIČNICA SCHUKO+KS 2P+E 16A 250V~ 2M



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

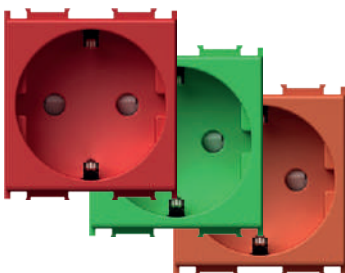
- 2P+E schuko
- 16A 250V~, tip VM10
- ustreza IEC 60884-1, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov



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 mm²
- shuttered live contacts

VTIČNICA SCHUKO+KS 2P+E 16A 250V~ 2M



- VM10RD
- VM10GR
- VM10OR

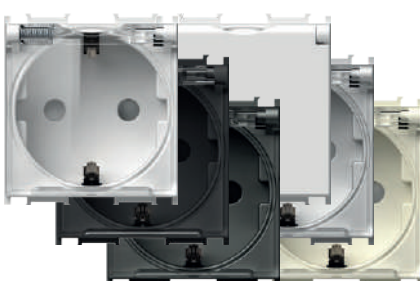
- 2P+E schuko
- 16A 250V~, tip VM10
- ustreza IEC 60884-1, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov



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 mm²
- shuttered live contacts

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



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

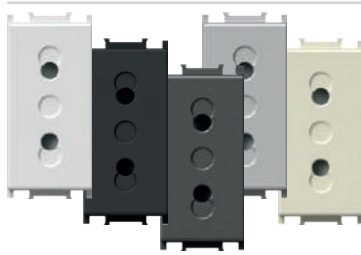
- 2P+E schuko+pokrov
- 16A 250V~, tip VM11
- ustreza IEC 60884-1, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov



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 mm²
- shuttered live contacts

S O C K E T S V M



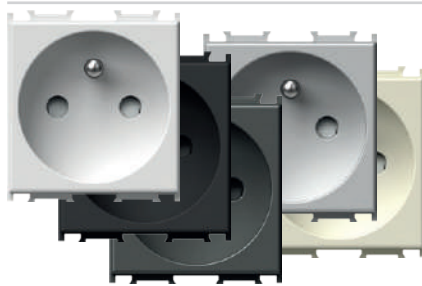
- VM20PW
- VM20MW
- VM20SB
- VM20AT
- VM20ES
- VM20IW

VTIČNICA EURO+KS 2P 10A 250V~ 1M

- 2P euro
- 10A 250V~, tip VM20
- ustreza IEC 60884-1, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov

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 mm²
- shuttered live contacts



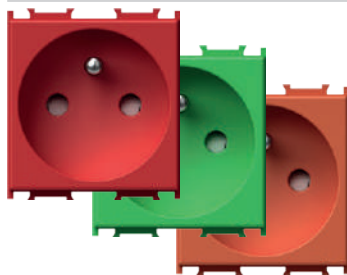
- VM40PW
- VM40MW
- VM40SB
- VM40AT
- VM40ES
- VM40IW

VTIČNICA FRANCOSKA+KS 2P+E 16A 250V~ 2M

- 2P+E francoska
- 16A 250V~, tip VM40
- ustreza IEC 60884-1, NF C 61-314, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov

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 mm²
- shuttered live contacts



- VM40RD
- VM40GR
- VM40OR

VTIČNICA FRANCOSKA+KS 2P+E 16A 250V~ 2M

- 2P+E francoska
- 16A 250V~, tip VM40
- ustreza IEC 60884-1, NF C 61-314, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov

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 mm²
- shuttered live contacts



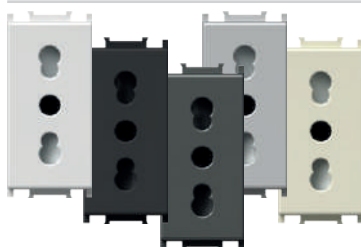
- VM41PT
- VM41MT
- VM41BT
- VM41AT
- VM41PP
- VM41ST
- VM41IT

VTIČNICA FRANCOSKA+KS+POKROV 2P+E 16A 250V~ 2M

- 2P+E francoska+pokrov
- 16A 250V~, tip VM41
- ustreza IEC 60884-1, NF C 61-314, CEE7
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov

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 mm²
- shuttered live contacts



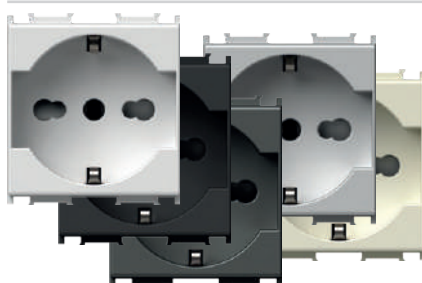
- VM30PW
- VM30MW
- VM30SB
- VM30AT
- VM30ES
- VM30IW

VTIČNICA ITALIJANSKA P17/11+KS 2P+E 16A 250V~ 1M

- 2P+E italijanska P17/11
- 16A 250V~, tip VM30
- ustreza IEC 60884-1, CEI 23-50
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov

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 mm²
- shuttered live contacts



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

VTIČNICA SCHUKO/ITA P17/11+KS 2P+E 16A 250V~ 2M

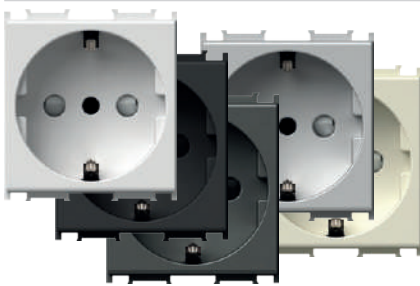
- 2P+E schuko/italijanska P17/11
- 16A 250V~, tip VM31
- ustreza IEC 60884-1, CEI 23-50
- vijajčna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov

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 mm²
- shuttered live contacts



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



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

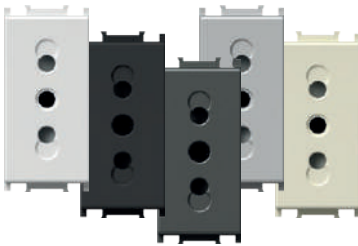
- 2P+E schuko/italijanska P30
- 16A 250V~, tip VM32
- ustreza IEC 60884-1, CEI 23-50
- vijačna pritrditvev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov



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 mm²
- shuttered live contacts

VTIČNICA ITALIJANSKA P11+KS 2P+E 10A 250V~ 1M



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

- 2P+E italijanska P11
- 10A 250V~, tip VM33
- ustreza IEC 60884-1, CEI 23-50
- vijačna pritrditvev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov



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 mm²
- shuttered live contacts

VTIČNICA EURO/AMERIŠKA+KS 2P 16A 250V~ 1M



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

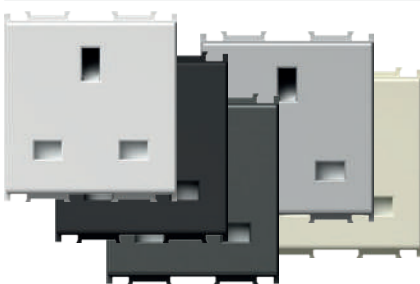
- 2P euro/ameriška
- 16A 250V~, tip VM21
- vijačna pritrditvev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov
- samo za države izven EU



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

- 2P Euro/American
- 16A 250V~, type VM21
- screw contacts 1.5-2.5 mm²
- shuttered live contacts
- only for countries not members of EU

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



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

- 2P+E britanski standard BS 1363-2
- 13A/250V~, tip VM52
- ustreza BS 1363-2
- vijačna pritrditvev vodnikov 1.5-4 mm²
- vgrajena zaščita pred dotikom kontaktov



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 mm²
- shuttered live contacts

VTIČNICA VEČSTANDARDNA+KS 2P+E 13A 250V~ 2M



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

- brezvijačna pritrditvev vodnikov 1.5-2.5mm²
- vgrajena zaščita pred dotikom kontaktov

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

- plug-in contacts 1.5-2.5 mm²
- shuttered live contacts



PRENAPETOSTNA ZAŠČITA MPE MINI 275V/50Hz

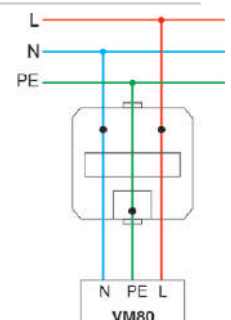


VM80

- vzporedna vezava s prvo vtičnico v seriji
- razred zaščite III
- U_c=275Vac, U_{oc}/I_{sc}=6kV/3kA, U_p<800V
- ustreza IEC 61643-1
- vodniki 1.5mm², IP20
- zvočni signal ob uničenju






SURGE PROTECTOR MPE MINI 275V/50Hz

- parallel connection with the first socket in the row
- protection class III
- U_c=275Vac, U_{oc}/I_{sc}=6kV/3kA, U_p<800V
- in accordance with IEC 61643-1
- wires 1.5mm², IP20
- sound signal at breakdown

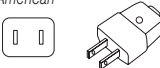
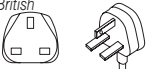


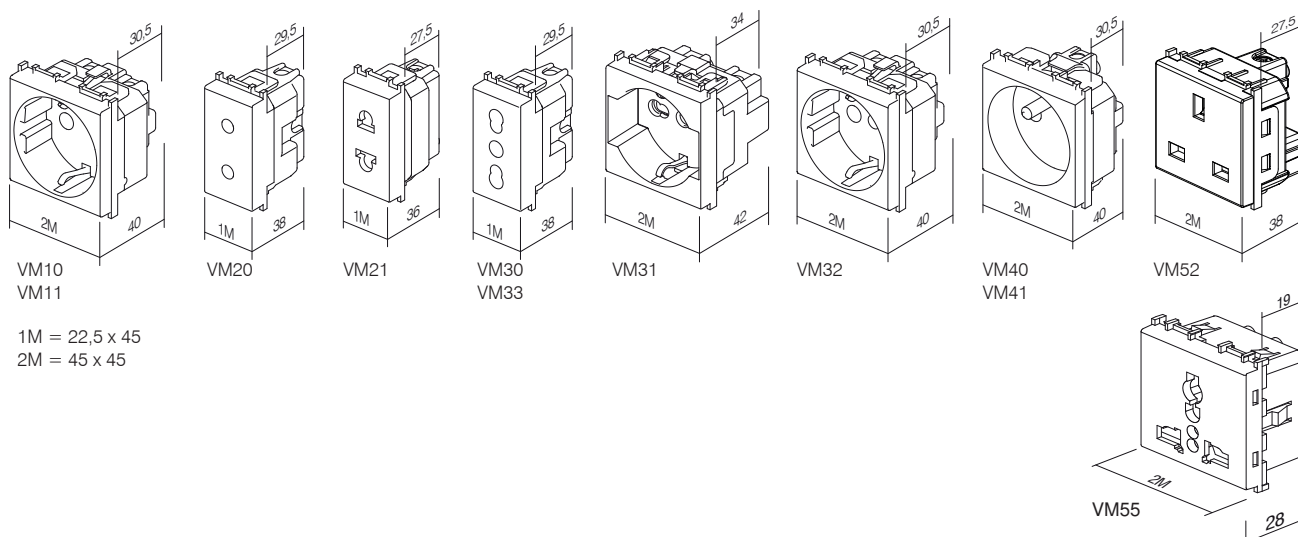
S O C K E T S V M

 UJEMANJE VTIČNIC IN VTIČEV
 SOCKETS AND PLUGS MATCHING

VTIČNICA / SOCKET	VM10 VM11	VM20	VM30	VM33	VM31	VM32	VM40 VM41	VM21	VM55
STIL VTIČA / PLUG STYLE									
nemški / German 	•				•	•			•
francoski / French 	•				•	•	•		•
italijanski / Italian S11 			•	•	•	•			•
italijanski / Italian S17 			•		•				•
euro 	•	•	•		•	•	•	•	•

 UJEMANJE VTIČNIC IN VTIČEV
 SOCKETS AND PLUGS MATCHING

VTIČNICA / SOCKET	VM21	VM52	VM55
STIL VTIČA / PLUG STYLE			
ameriški / American 	•		•
britanski / British BS 1363-2 		•	•





tip type	naziv description	tehnični opis technical data	velikost size	barva colour
KM10	VTIČNICA TV OSNOVNA SOCKET TV BASIC	0dB	1M	<input type="checkbox"/> PW bela-sijaj polar white
KM11	VTIČNICA TV KONČNA SOCKET TV END-LINE	1dB	1M	<input type="checkbox"/> MW bela- mat matte white
KM12	VTIČNICA TV PREHODNA SOCKET TV TROUGHPASS	10dB	1M	<input checked="" type="checkbox"/> SB črna- mat soft touch black
:	:	:	:	<input type="checkbox"/> AT antracit anthracite
:	:	:	:	<input type="checkbox"/> ES srebrna- mat elox silver
:	:	:	:	<input type="checkbox"/> IW bež- sijaj ivory white

VTIČNICA TV OSNOVNA 0dB 1M

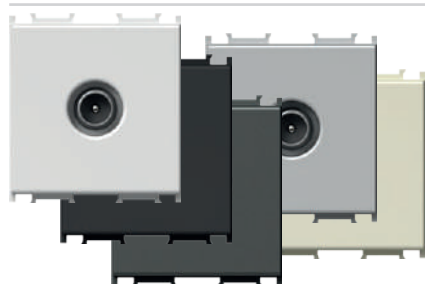


- KM10PW
- KM10MW
- KM10SB
- KM10AT
- KM10ES
- KM10IW

- TV osnovna
- dušenje 0dB
- konektor zadaj – F standard
SOCKET TV BASIC 0dB 1M
- TV basic
- reduction 0dB
- back connector – F standard



VTIČNICA TV OSNOVNA 0dB 2M



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

- TV osnovna
- dušenje 0dB
- konektor zadaj – F standard
SOCKET TV BASIC 0dB 2M
- TV basic
- reduction 0dB
- back connector – F standard

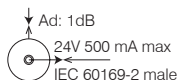


VTIČNICA TV KONČNA 1dB 1M



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

- TV končna
- frekvenčni pas 5÷2400 MHz
- dušenje < 1 dB
- ustreza EN 50083-1
- vijačna priključitev
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

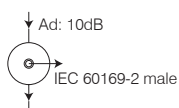


VTIČNICA TV PREHODNA 10dB 1M



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

- TV prehodna
- frekvenčni pas 5÷2400 MHz
- dušenje < 10 dB
- ustreza EN 50083-1
- vijačna priključitev
SOCKET TV TROUGHPASS 10dB 1M
- TV troughpass
- frequency range 5÷2400 MHz
- reduction < 10 dB
- in accordance with EN 50083-1
- screw contacts



VTIČNICA SAT OSNOVNA 0dB 1M



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

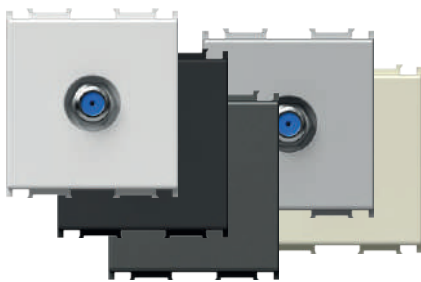
- SAT osnovna
- dušenje 0dB
- konektor zadaj – F standard

SOCKET SAT BASIC 0dB 1M

- SAT basic
- reduction 0dB
- back connector – F standard



VTIČNICA SAT OSNOVNA 0dB 2M



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

- SAT osnovna
- dušenje 0dB
- konektor zadaj – F standard

SOCKET SAT BASIC 0dB 2M

- SAT basic
- reduction 0dB
- back connector – F standard



VTIČNICA SAT KONČNA 1dB 1M

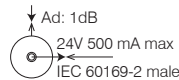


- KM16PW
- KM16MW
- KM16SB
- KM16AT
- KM16ES
- KM16IW

- SAT končna
- frekvenčni pas 5÷2400 MHz
- dušenje < 1dB
- ustreza EN 50083-1
- vijajčna priključitev

SOCKET SAT END-LINE 1dB 1M

- SAT end-line
- frequency range 5÷2400 MHz
- reduction < 1dB
- in accordance with EN 50083-1
- screw contacts



VTIČNICA R OSNOVNA 0dB 1M



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

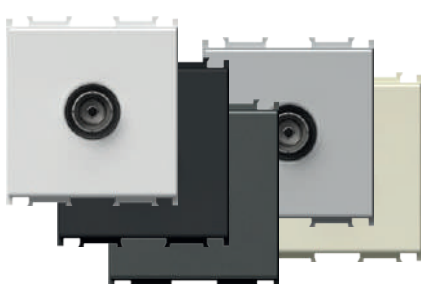
- R osnovna
- dušenje 0dB
- konektor zadaj – F standard

SOCKET R BASIC 0dB 1M

- R basic
- reduction 0dB
- back connector – F standard



VTIČNICA R OSNOVNA 0dB 2M



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

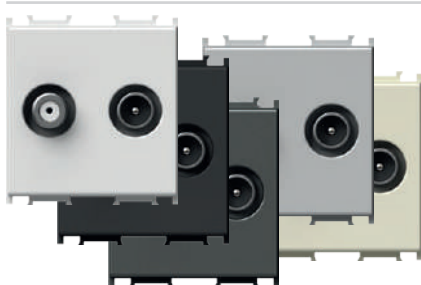
- R osnovna
- dušenje 0dB
- konektor zadaj – F standard

SOCKET R BASIC 0dB 2M

- R basic
- reduction 0dB
- back connector – F standard



VTIČNICA SAT-TV KONČNA 1dB 2M

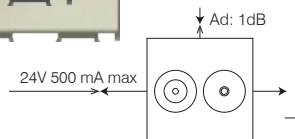


- KM25PW
- KM25MW
- KM25SB
- KM25AT
- KM25ES
- KM25IW

- SAT-TV končna
- frekvenčni pas 5÷2400 MHz
- dušenje < 1dB
- ustreza EN 50083-1
- vijajčna priključitev

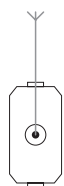
SOCKET SAT-TV END-LINE 1dB 2M

- SAT-TV end-line
- frequency range 5÷2400 MHz
- reduction < 1dB
- in accordance with EN 50083-1
- screw contacts



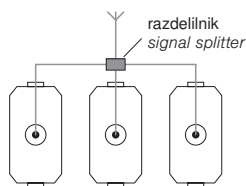
OSNOVNE VEZALNE SCHEME
BASIC CONNECTION SAMPLES

samostojna vezava
stand alone connection



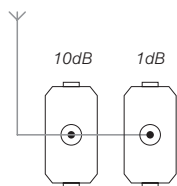
KM10
KM20
KM11
KM15
KM24
KM16
KM19
KM29
KM25

zvezda vezava
star connection



KM10
KM20
KM11
KM15
KM24
KM16
KM19
KM29
KM25

prehodna vezava
throughpass connection



KM12 KM11



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

VTIČNICA AVDIO 2xRCA 1M

- avdio 2x RCA
- pritrditev vodnikov zadaj s spajkanjem

SOCKET AUDIO 2xRCA 1M

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



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

VTIČNICA AVDIO ZVOČNIŠKA 1M

- avdio 2x Ø4mm
- za priklop zvočniškega vodnika, vtiča Ø4mm ali viličastega kabel čevlja
- pritrditev vodnikov zadaj s spajkanjem

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

VTIČNICA AVDIO ZVOČNIŠKA 2M

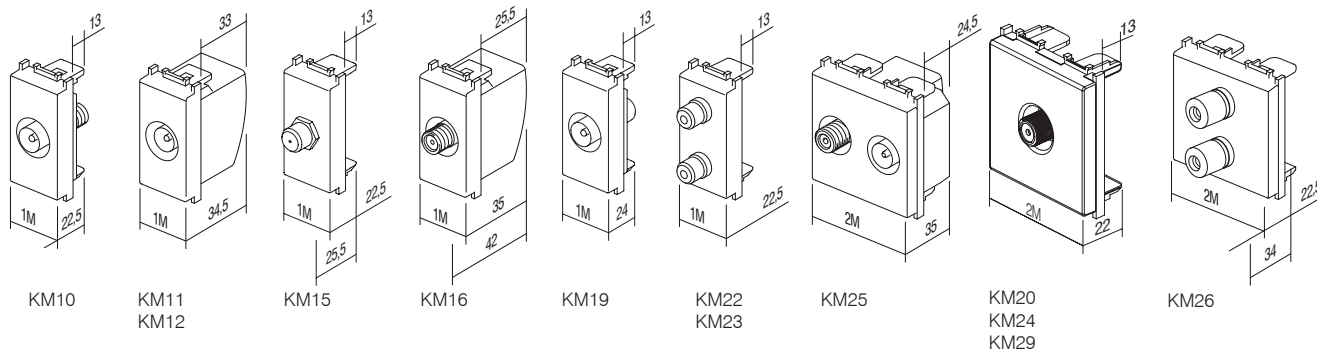
- avdio 2x Ø4mm
- za priklop zvočniškega vodnika, vtiča Ø4mm ali viličastega kabel čevlja
- pritrditev vodnikov zadaj s spajkanjem

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



VTIČNICA TEL LT RJ11 6/4 1M



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

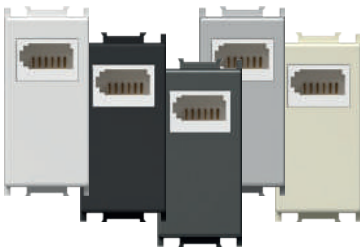
- TEL LT vijak
- RJ11 6/4
- ustreza IEC 60603-7
- vijačna pritrditev vodnikov

SOCKET TEL LT RJ11 6/4 1M

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



VTIČNICA TEL BT SEC 6/6 1M



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

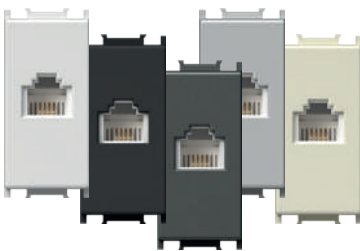
- TEL BT britanski standard
- SEC sekundarna 6/6
- ustreza BS 6312
- vijačna pritrditev vodnikov

SOCKET TEL BT SEC 6/6 1M

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



VTIČNICA TEL KS RJ11 6/4 1M



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

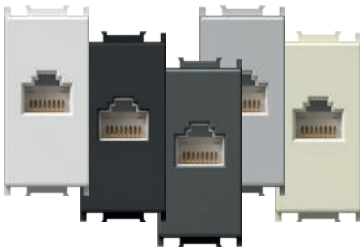
- KS keystone pritrditveni standard
- RJ11 6/4
- ustreza IEC 60603-7

SOCKET TEL KS RJ11 6/4 1M

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



VTIČNICA CAT5e KS RJ45 8/8 1M



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

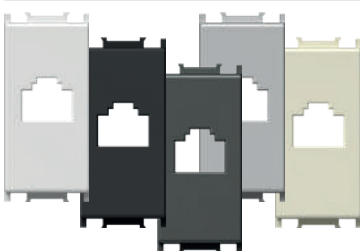
- KS keystone pritrditveni standard
- CAT5e, RJ45 8/8
- ustreza IEC 60603-7

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 pritrditveni standard
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- komunikacijski modul ni vgrajen

ADAPTER KS 1M

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



ADAPTER KS S PRAŠNO ZAŠČITO 1M



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

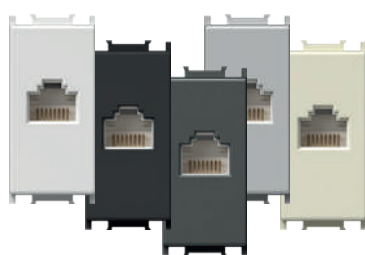
- KS keystone pritrditveni standard s protiprašnim pokrovom
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- komunikacijski modul ni vgrajen

ADAPTER KS WITH DUST PROTECTION 1M

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



VTIČNICA CAT6 SCH KS RJ45 8/8 1M



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

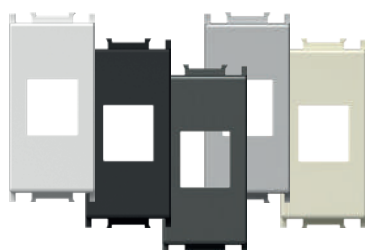
- KS keystone pritrditveni standard
- CAT6 UTP toolless, RJ45 8/8
- ustreza ISO/IEC 11801

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

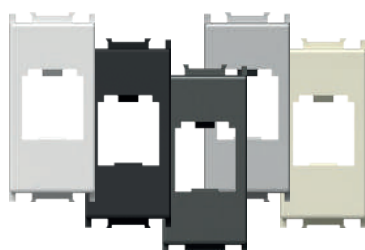
- KS keystone pritrditveni standard
- primeren za HDMI, USB
- komunikacijski modul ni vgrajen

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 pritrditveni standard
- komunikacijski modul ni vgrajen

ADAPTER PD 1M

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



ADAPTER PD S PRAŠNO ZAŠČITO 1M



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

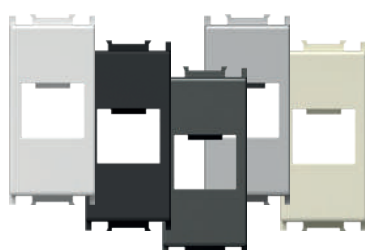
- PD Panduit Mini-COM pritrditveni standard s protiprašnim pokrovom
- komunikacijski modul ni vgrajen

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

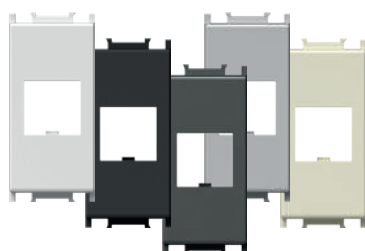
- R&M pritrditveni standard
- komunikacijski modul ni vgrajen

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 pritrditev za CAT6A
- komunikacijski modul ni vgrajen

ADAPTER R&M CAT6A 1M

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





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

ADAPTER R&M S PRAŠNO ZAŠČITO 1M

- R&M pritrditveni standard s protiprašnim pokrovom
- komunikacijski modul ni vgrajen

ADAPTER R&M WITH DUST PROTECTION 1M

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



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

ADAPTER R&M CAT6A S PRAŠNO ZAŠČITO 1M

- R&M pritrditev za CAT6A s protiprašnim pokrovom
- komunikacijski modul ni vgrajen

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

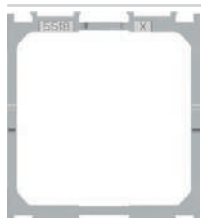
- LK LeoniKerpen eLine / BKS NewLine pritrditveni standard
- komunikacijski modul ni vgrajen

ADAPTER LK 1M

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



ADAPTER NEXANS/SCHRACK 2M

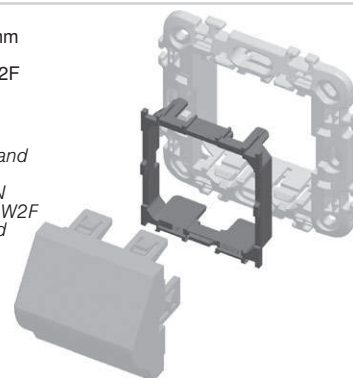


KA26

- adapter za pritrditev modulov Nexans LANmark in Schrack velikosti 45x45mm
- primerna za Nexans tip N423.540N
- primeren za Schrack tip HSEMD02W2F
- komunikacijski modul ni vgrajen

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 S PRAŠNO ZAŠČITO 1M



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

- AT&T Systimax pritrditveni standard s protiprašnim pokrovom
- komunikacijski modul ni vgrajen

ADAPTER AT&T SYSTIMAX WITH DUST PROTECTION 1M

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



VTIČNICA USB TIP A 1M



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

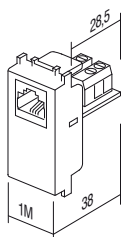
- USB 2.0 vtičnica tip A
- vijačna pritrditev vodnikov, raster 5 mm, 1,5 mm², 1x2P + 1x3P
- ožičenje:
PIN 1 – VCC (+5V, rdeča žica)
PIN 2 – signal - (bela žica)
PIN 3 – signal + (zelena žica)
PIN 4 – GND - masa (črna žica)
S – oklop
- ustreza direktivi 2011/95/EU (RoHS2)

SOCKET USB TYPE A 1M

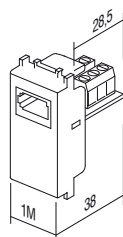
- USB 2.0 socket type A
- screw contacts, raster 5 mm, 1,5 mm², 1x2P + 1x3P
- wiring:
PIN 1 – VCC (+5V, red wire)
PIN 2 – Data - (white wire)
PIN 3 – Data + (green wire)
PIN 4 – GND - ground (black wire)
S – shield
- in accordance with directive 2011/95/EU (RoHS2)



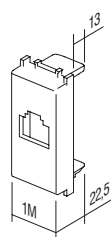
1M = 22,5 x 45
2M = 45 x 45



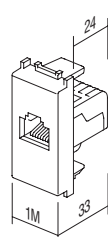
KM30



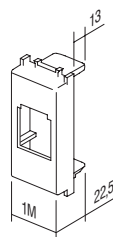
KM31



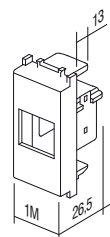
KM35
KM38
KM48



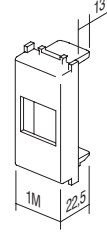
KM36
KM37
KM39



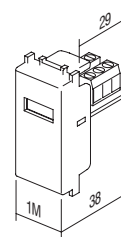
KM40
KM43



KM45



KM46
KM47
KM50
KM52
KM53



KM51



KA10

tip type	naziv description	tehnični opis 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

KONEKTOR KS CAT3 RJ11 6/4

- KS keystone pritrditveni standard
- CAT3, RJ11 6/4
- ustreza IEC 60603-7

CONNECTOR KS CAT3 RJ11 6/4

- KS keystone fixing standard
- CAT3, RJ11 6/4
- in accordance with IEC 60603-7



KA11

KONEKTOR KS CAT5e RJ45 8/8

- KS keystone pritrditveni standard
- CAT5e, RJ45 8/8
- ustreza IEC 60603-7

CONNECTOR KS CAT5e RJ45 8/8

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



KA12

KONEKTOR KS CAT5eS RJ45 8/8

- KS keystone pritrditveni standard
- CAT5eS, RJ45 8/8
- ustreza IEC 60603-7

CONNECTOR KS CAT5eS RJ45 8/8

- KS keystone fixing standard
- CAT5eS, RJ45 8/8
- in accordance with IEC 60603-7



KA15

KONEKTOR KS CAT6 SCH RJ45 8/8

- KS keystone pritrditveni standard
- CAT6 UTP toolless, RJ45 8/8
- ustreza ISO/IEC 11801

CONNECTOR KS CAT6 SCH RJ45 8/8

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



KA16

KONEKTOR KS CAT6S SCH RJ45 8/8

- KS keystone pritrditveni standard
- CAT6S STP toolless, RJ45 8/8
- ustreza ISO/IEC 11801

CONNECTOR KS CAT6S SCH RJ45 8/8

- KS keystone fixing standard
- CAT6S STP toolless, RJ45 8/8
- in accordance with ISO/IEC 11801



KA17

KONEKTOR KS CAT6a SCH RJ45 8/8

- KS keystone pritrditveni standard
- CAT6a STP toolless, RJ45 8/8
- ustreza ISO/IEC 11801

CONNECTOR KS CAT6a SCH RJ45 8/8

- KS keystone fixing standard
- CAT6a STP toolless, RJ45 8/8
- in accordance with ISO/IEC 11801



KA18

KONEKTOR SLIM KS CAT6S SCH RJ45 8/8

- KS keystone pritrditveni standard
- slim verzija
- CAT6S STP toolless, RJ45 8/8
- ustreza ISO/IEC 11801
- primeren tudi za dvojni adapter KE46

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 pritrditveni standard
- samo v kombinaciji z adapterjem KM50
- HDMI/HDMI

CONNECTOR KS HDMI

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



KA28

KABEL KS HDMI

- KS keystone pritrditveni standard
- samo v kombinaciji z adapterjem KM50
- HDMI/HDMI

CABLE KS HDMI

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



EM31



PW



tip type	naziv description	tehnični opis technical data	velikost size	barva colour	
EM12	ZATEMNILNIK ROTACIJSKI MENJALNI DIMMER ROTATIVE 2WAY	RL 300W	1M	<input type="checkbox"/> PW bela-sijaj polar white <input type="checkbox"/> MW bela-mat matte white <input type="checkbox"/> SB črna-mat soft touch black <input type="checkbox"/> AT antracit anthracite <input type="checkbox"/> ES srebrna-mat elox silver <input type="checkbox"/> IW bež-sijaj ivory white	<input type="checkbox"/> BL modra blue <input type="checkbox"/> RD rdeča red <input type="checkbox"/> GR zelena green <input type="checkbox"/> OR oranžna orange <input type="checkbox"/> RG rdeča/zelena red/green
EM23	ZATEMNILNIK VGRADNI DIMMER INBOX	R (250 W), (RC,RL 200VA)	/		
.	.	.	.		
.	.	.	.		

ZATEMNILNIK ROTACIJSKI/MENJALNI RL 300 W 1M



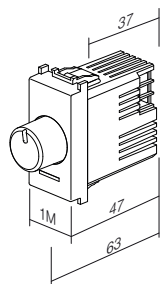
- EM12PW
- EM12MW
- EM12SB
- EM12AT
- EM12ES
- EM12IW

- rotacijski z menjalnim stikalom
- breme RL, 40W - 300W
- napajanje 230V~ 50Hz
- možna vezava z menjalnim stikalom
- montaža več naprav skupaj v eno dozo dovoljena samo pod pogojem, da njihovo skupno maksimalno breme ne presega maksimalne moči enega zatemnilnika
- v istem tokokrogu je dovoljena uporaba samo enega zatemnilnega stikala
- varovalka ni vgrajena – potrebna vezava zunanje varovalke
- ustreza EN 60669-1
- vijaki kontakti - 1.5-2.5mm²
- vgrajena LED indikacija stopnje zatemnitve



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 - 1.5-2.5mm²
- integrated LED indication of dimming level



ZATEMNILNIK ROTACIJSKI/MENJALNI LED 60 W 1M



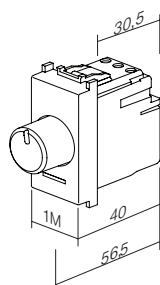
- EM13PW
- EM13MW
- EM13SB
- EM13AT
- EM13ES
- EM13IW

- rotacijski z menjalnim stikalom
- bremena: LED, 0 – 60 W (max. 6 LED zatemnilnih sijalk) GLS, 0 – 60 W
- napajanje 230V~ 50Hz
- možna vezava z menjalnim stikalom
- montaža več naprav skupaj v eno dozo dovoljena samo pod pogojem, da njihovo skupno maksimalno breme ne presega maksimalne moči enega zatemnilnika
- v istem tokokrogu je dovoljena uporaba samo enega zatemnilnega stikala
- varovalka ni vgrajena – potrebna vezava zunanje varovalke
- ustreza IEC60669-2-1
- vijaki kontakti - 1.5-2.5mm²



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 - 1.5-2.5mm²

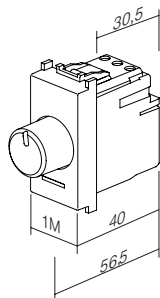


ZATEMNILNIK ROTACIJSKI/MENJALNI LED 180 W 1M



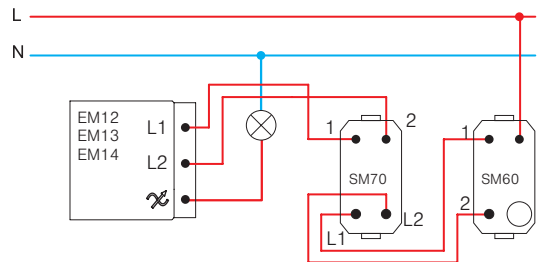
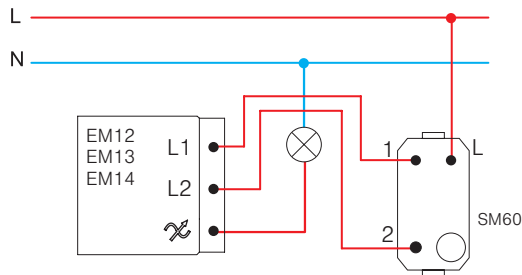
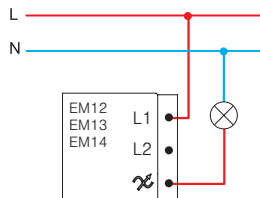
- EM14PW
- EM14MW
- EM14SB
- EM14AT
- EM14ES
- EM14IW

- rotacijski z menjalnim stikalom
- bremena:
 - LED, 0 – 180 W (max. 20 LED zatemnilnih sijalk)
 - GLS, 0 – 180 W
- napajanje 230V~ 50Hz
- možna vezava z menjalnim stikalom
- montaža več naprav skupaj v eno dozo dovoljena samo pod pogojem, da njihovo skupno maksimalno breme ne presega maksimalne moči enega zatemnilnika
- v istem tokokrogu je dovoljena uporaba samo enega zatemnilnega stikala
- varovalka ni vgrajena – potrebna vezava zunanje varovalke
- ustreza IEC60669-2-1
- vijaki kontakti - 1.5-2.5mm²



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 - 1.5-2.5mm²



ZATEMNILNIK ROTACIJSKI R 250W 1M

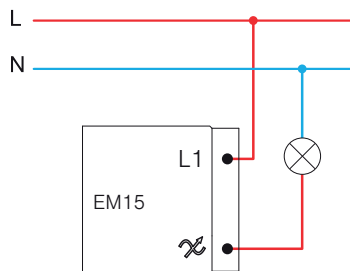
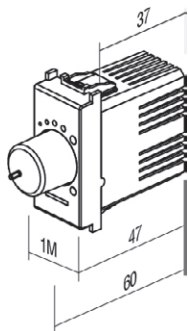


- EM15PW
- EM15MW
- EM15SB
- EM15AT
- EM15ES
- EM15IW

- rotacijski brez stikala
- breme R, 40W - 250W
- napajanje 230V~ 50Hz
- vezava z menjalnim stikalom ni možna
- vezava več zatemnilnikov ni dovoljena
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- LED indikacija

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 1.5-2.5mm²
- LED indication

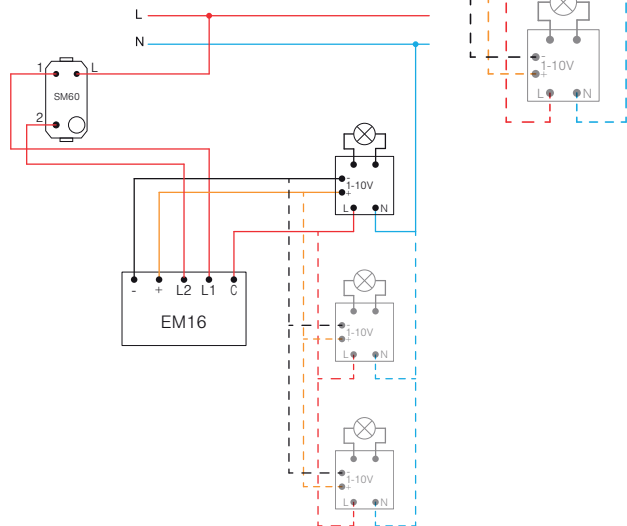
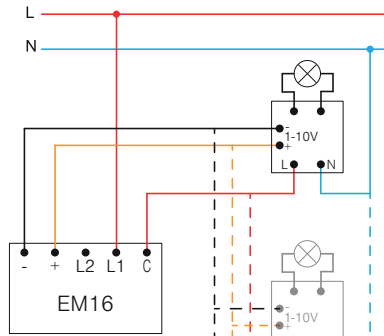
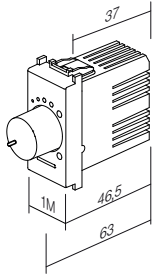




- EM16PW
- EM16MW
- EM16SB
- EM16AT
- EM16ES
- EM16IW

1-10 V ZATEMNILNIK ROTACIJSKI MENJALNI

- nominalna delovna napetost: 10VDC
- minimalna delovna napetost: 0,7VDC
- območje zatemnjevanja: 0,7% - 100% (odvisno od napajalnika in bremen)
- minimalni ponorni tok: 0,1mA
- maksimalni ponorni tok: 120mA
- maksimalna poraba: 0,35W
- prenapetostna zaščita: 15,8VDC do 250mA (nezamenljiva)
- največji pulzni tok: 3ADC
- vrsta bremen: 0-10V, 1-10V in PWM
- tip stikala: mehanski: potisni vklop/izklop
- ničelni vodnik: ni potreben
- nominalna delovna napetost: 100-240 VAC, 50-60 Hz
- maksimalni trenutni tok: 10A
- maksimalni delovni tok: 8A
- maksimalna obremenitev (pri 230 VAC): 1800VA (1800 x pf = max. W)
- izolacijska upornost: > 100MΩ pri 250 VAC
- prenapetostna in kratkostična zaščita: 10A, 350VAC (nezamenljiva)
- rotacijski kot: 270° ± 5°
- temperatura delovanja: -5 do 40°C
- temperatura skladiščenja: -30 do 80 °C
- maksimalna temperatura ohišja: 65°C
- maksimalna vlažnost: 90% (brez kondenzacije)
- EMC in 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 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

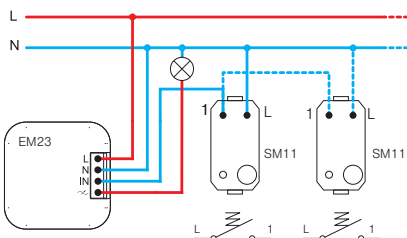
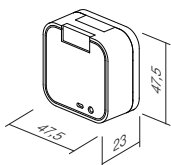
ZATEMNILNIK VGRADNI R (250 W), (RC,RL 200VA)

EM23

- vgradni, za vezavo s tipkalom
- breme RLC 15-250W ali 15-200 VA
- napajanje 230 V~ 50Hz
- možna vezava več tipkal
- vezava več zatemnilnikov ni dovoljena
- vgrajena spominska funkcija
- funkcija mehkega vklopa/izklopa
- »leading edge«
- ustreza EN60669, EN60950, EN 61000, ETSI EN 300 220-1, ETSI EN 300 220-2
- vijačna pritrnitev vodnikov do preseka 2,5mm²

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

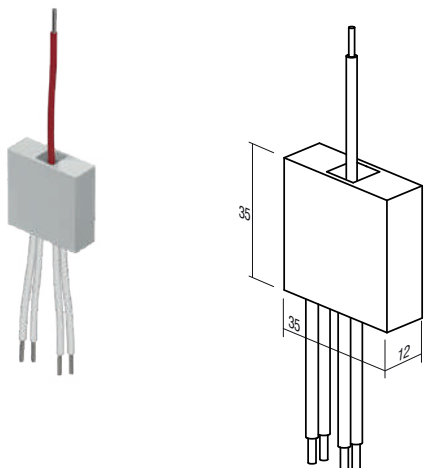
- inbox, controlled by external push button
- load RLC 15-250W or 15-200 VA
- supply voltage 230V~ 50Hz
- several push-buttons combinations are possible
- more dimmers combination is not allowed
- light intensity memory
- soft start/stop function
- »leading edge«
- in accordance with EN60669, EN60950, EN 61000, ETSI EN 300 220-1, ETSI EN 300 220-2
- screw contacts to wires 2,5 mm²



KRMILNI modul MZC za EM18

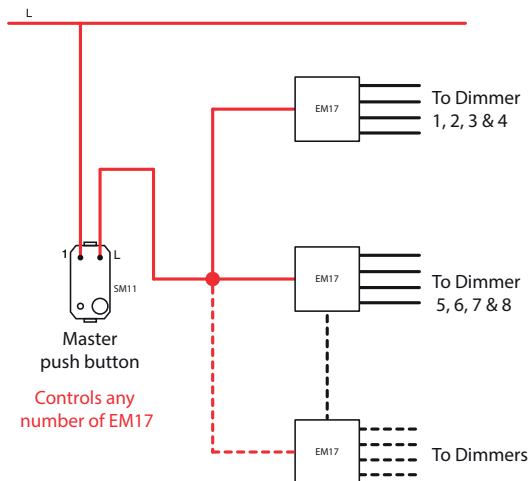
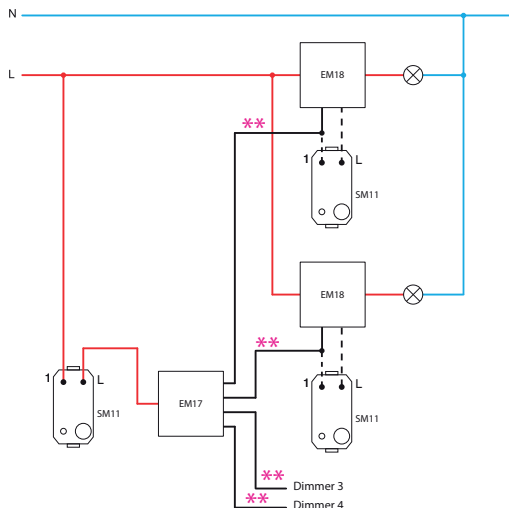
EM17

- MZC priklpite po vezalni shemi.
- možna vezava z več tipkali
- montaža samo ene naprave v eno dozo
- samo za notranjo uporabo
- napajanje: 230 V~ 50Hz
- maksimalna upornost žic: 50 kΩ
- maksimalen tok na enoto MZC: 10 mA
- število zatemnilnikov na MZC: 1-4
- maksimalno število MZC v vezavi: omejeno na varovalko v tokokrogu
- temperatura delovanja: -5 °C do 45 °C
- temperatura skladiščenja: -30 °C do 80 °C
- maksimalna vlažnost: 90 % (brez kondenziranja)
- dimenzije ohišja: 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



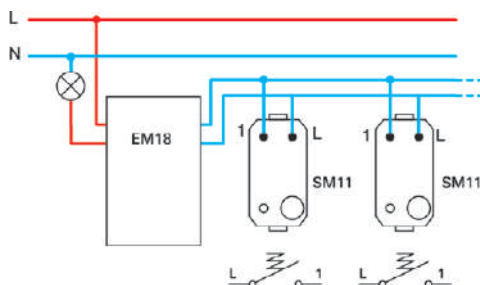
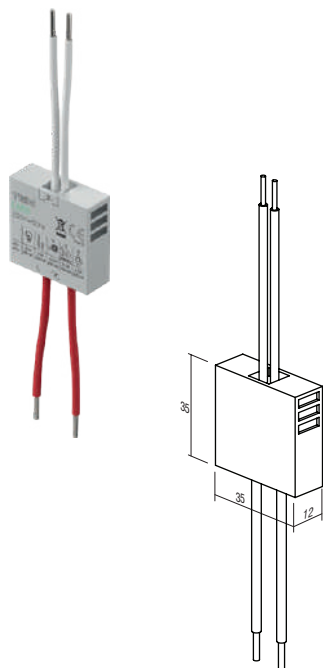
ZATEMNILNIK VGRADNI LED 250W

EM18

- vgradni, za vezavo s tipalom
- za leading ali trailing edge
- napajanje 230 V~ 50 Hz
- možna vezava z več tipkali
- funkcija pomnjenja zadnje nastavitve, razen v primeru izpada napetosti
- funkcija mehkega vklopa/izklopa
- nastavitve minimalne svetilnosti
- montaža samo ene naprave v eno dozo
- samo za notranjo uporabo
- ustreza EN 60669-1 in 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



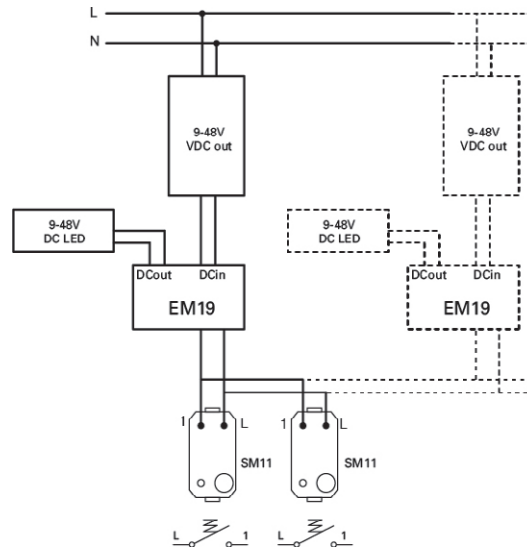
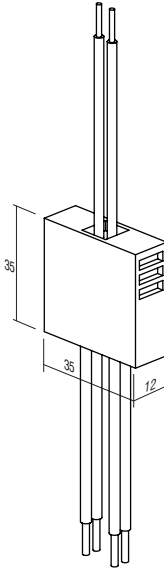
ZATEMNILNIK VGRADNI DC LED 96W

EM19

- vgradni, za vezavo s tipkalom
- vezava z vsemi LED napajalniki s konstantno napetostjo in nekaterimi LED napajalniki s konstantnim tokom, 9 – 48V DC, max 96W (tudi za LED trakove)
- ni za uporabo z induktivnimi bremenji
- možna vezava z več tipkali in več zatemnilniki
- funkcija pomnjenja zadnje nastavitve, razen v primeru izpada napetosti
- funkcija mehkega vklopa / izklopa
- montaža samo ene naprave v eno dozo
- samo za notranjo uporabo

DIMMER INBOX DC LED 96W

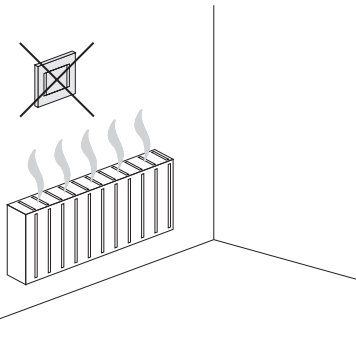
- inbox, controlled by external push button
- for use with constant voltage LED drivers and some constant current LED drivers, 9-48V DC, max 96W (also for LED strips)
- not for use with inductive loads
- several push-buttons combinations and several dimmers is possible
- memory function of the last setting,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

**POZOR!**

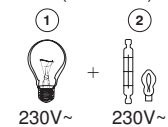
V primeru montaže več zatemnilnih stikal v isto dozo se za vsako dodatno zatemnilno stikalo zmanjša maksimalna skupna moč za 10%.

ATTENTION!

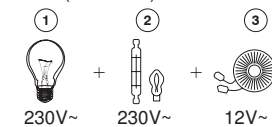
If more dimmers are connected in one box reduce maximum common power for 10% for each dimmer.



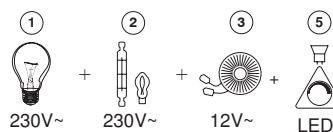
EM15 (40÷250W)



EM12 (40÷300W)



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



1 - žarnica z žarilno nitko / incandescent lamp

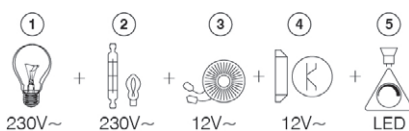
2 - halogenska žarnica / halogen lamp

3 - klasični transformator / classical transformer

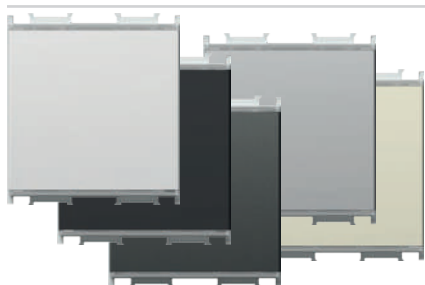
4 - zatemnilni elektronski transformator / dimmable electronic transformer

5 - zatemnilna LED sijalka / dimmable LED lamp

EM18 (2÷250VA)



STIKALO / ZATEMNILNIK UNIVERZALNI RLC 0-300W 2M



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



TOUCH EM25 je mikroprocesorsko voden elektronski zatemnilnik. Omogoča vklop, izklop in zatemnjevanje vseh zatemnilnih in nekaterih nezatemnilnih žarnic in sijalk. Vgrajeni mikroprocesor samodejno zazna vrsto sijalke in prilagodi režim delovanja. Ob izklopu si zapomni zadnjo nastavitve, saj ima vgrajeno spominsko funkcijo. Funkcija mehkega zagona podaljša življenjsko dobo sijalk. V tipko je vgrajena elegantna LED indikacija, z možnostjo izbire barve in nastavitve jakosti. Na EM25 lahko vežemo do 5 dodatnih upravljalnih tipkal EM26 (»slave«).

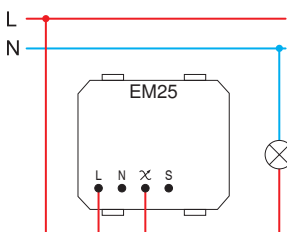
TOUCH EM25 is microprocessor controlled electronic light dimmer. It serves as switch and dimmer for dimmable and some of non-dimmable lamps. Integrated microprocessor automatically identifies the type of lamp and adjusts the operating mode. It remembers the level of dimming after switching off due to 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 elektronski zatemnilnik za vklop, izklop in zatemnjevanje vseh zatemnilnih žarnic in sijalk (klasične, halogenske, LED, CFL, ...)
- in nekaterih nezatemnilnih sijalk
- samodejno zazna vrsto sijalke in temu prilagodi režim delovanja
- z zatemnjevanjem se zmanjša poraba električne energije
- funkcija mehkega zagona podaljša življenjsko dobo sijalk
- upravljanje preko vgrajenih mikro-stikal
- vgrajena spominska funkcija - ob izklopu si zapomni nivo zatemnitve
- možna vezava do pet (5) dodatnih upravljalnih tipkal EM26
- vezava z menjalnimi stikali ni možna
- vgrajene zaščite pred kratkim stikom, pregrevanjem in preobremenitvijo
- napajanje 230V~ 50Hz
- vgrajena elegantna LED indikacija, z možnostjo nastavitve barve in jakosti
- omogoča zamenjavo klasičnega stikala – dvožična vezava⁽¹⁾
- s trožično vezavo dosežemo polno funkcionalnost zatemnilnika⁽²⁾
- ustreza EN 60669-1 in EN 60669-2-1
- vijajna pritrditev vodnikov 1.5mm² (maks. moment privitja vijakov 0,4 Nm)

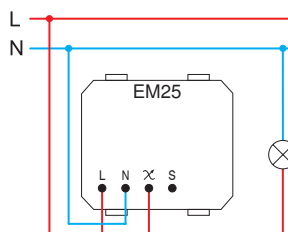
SWITCH / DIMMER UNIVERSAL RLC 0-300W 2M

- 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⁽¹⁾
- full functionality is achieved at three-wire connection⁽²⁾
- in accordance with EN 60669-1 and EN 60669-2-1
- screw contacts 1.5mm² (max. tightening torque 0.4Nm)

⁽¹⁾dvožična vezava
two-wire connection



⁽²⁾trožična vezava
three-wire connection



- dvožična vezava omogoča zatemnjevanje zatemnilnih žarnic in sijalk
- two-wire connection allows dimming of dimmable lamps

- trožična vezava omogoča zatemnjevanje zatemnilnih žarnic in sijalk in nekaterih nezatemnilnih LED in CFL sijalk
- 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	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)

- 1 - žarnica z žarilno nitko / incandescent lamp
- 2 - halogenska žarnica / halogen lamp

- 4 - zatemnilni elektronski transformator / dimmable electronic transformer
- 5 - klasični transformator / classical transformer

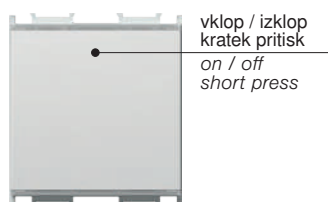
- 6 - zatemnilna varčna CFL sijalka / dimmable energy saving CFL lamp
- 7 - zatemnilna LED sijalka / dimmable LED lamp

- 8 - nezatemnilna varčna CFL sijalka / non-dimmable energy saving CFL lamp
- 9 - nezatemnilna LED sijalka / non-dimmable LED lamp

opombe / remarks

- (F) filter EM27
- priporočamo uporabo filtra EM27 / it is recommended to use filter EM27
- vse krmiljene žarnice in sijalke morajo biti enake / all controlled lamps must be the same
- tabela bremen velja za sijalke s faktorjem PF>0.5 / table of loads is valid for lamps with power factor PF>0.5

vklop in izklop ter zatemnjevanje luči /
on / off switching and dimming of lamp



vklop / izklop
kratek pritisk
on / off
short press



stopnjevanje
intenzivnosti svetila
daljši pritisk
dimming up
long press

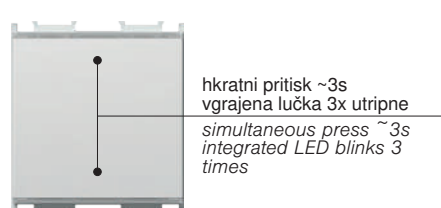


zatemnjevanje
daljši pritisk
dimming down
long press

izbira barve in nastavev jakosti LED enote /
LED unit colour and intensity level selection



izklop luči
kratek pritisk
lamp off
short press



hkratni pritisk ~3s
vgrajena lučka 3x utripne
simultaneous press ~3s
integrated LED blinks 3
times



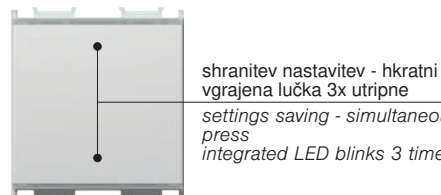
izbira barve
kratek pritisk
colour selection
short press



osvetljevanje vgrajene LED
daljši pritisk
integrated LED dimming up
long press

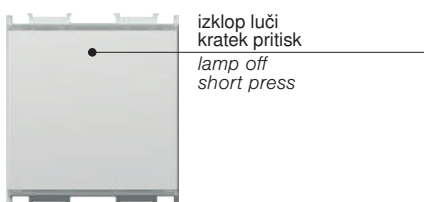


stopnjevanje intenzivnosti vgrajene LED enote
daljši pritisk
intensity escalation of the
integrated LED unit
long press

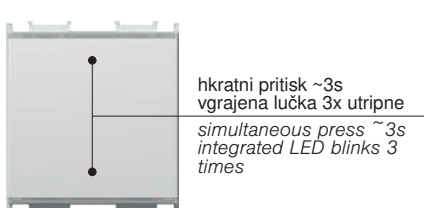


shranitev nastavev - hkratni kratek pritisk
vgrajena lučka 3x utripne
settings saving - simultaneous short
press
integrated LED blinks 3 times

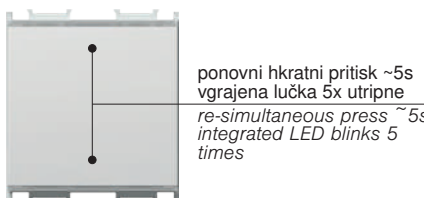
*funkcija "RESET" /
"RESET" function



izklop luči
kratek pritisk
lamp off
short press



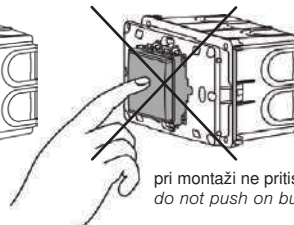
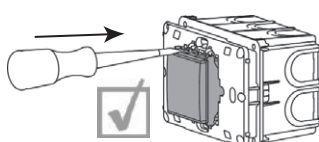
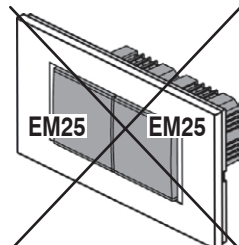
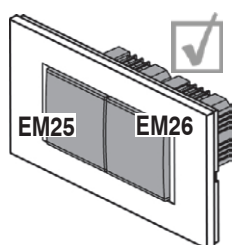
hkratni pritisk ~3s
vgrajena lučka 3x utripne
simultaneous press ~3s
integrated LED blinks 3
times



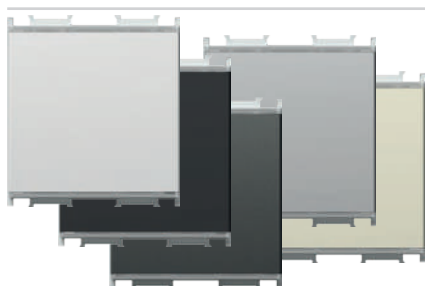
ponovni hkratni pritisk ~5s
vgrajena lučka 5x utripne
re-simultaneous press ~5s
integrated LED blinks 5
times

- * - priporočamo ob vgraditvi zatemnilnika in menjavi žarnic ali sijalk
- obvezno ob uporabi nezatemnilnih sijalk
- funkcija "RESET" pri uporabi dvočične vezave ne deluje
- možno samo pri 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

opozorila za vgradnjo /
installation precautions



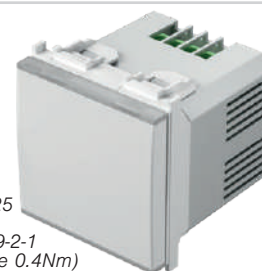
pri montaži ne pritiskaj na tipko /
do not push on button during mounting



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

TIPKALO UPRAVLJALNO 2M

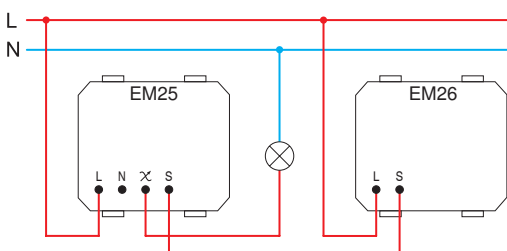
- v povezavi z univerzalnim zatemnilnikom EM25 omogoča upravljanje luči z več (do pet) lokacij z enako funkcionalnostjo kot EM25
- napajanje 230V ~ 50Hz
- ustreza EN 60669-1 in EN 60669-2-1
- vijačna pritrditev vodnikov 1.5mm² (maks. moment privitja vijakov 0,4 Nm)



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 1.5mm² (max. tightening torque 0.4Nm)

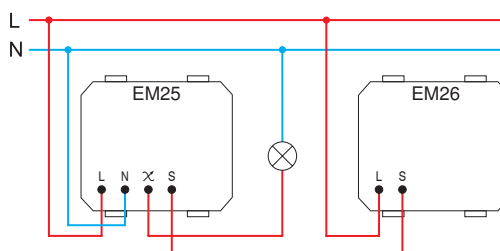
(1) dvožična vezava
two-wire connection



- dvožična vezava omogoča zatemnjevanje zatemnilnih žarnic in sijalk
- pri dvožični vezavi uporaba vsakega dodatnega upravljalnega tipkala poveča minimalno moč bremena 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

(2) trožična vezava
three-wire connection



- trožična vezava omogoča zatemnjevanje zatemnilnih žarnic in sijalk in nekaterih nezatemnilnih LED in CFL sijalk

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

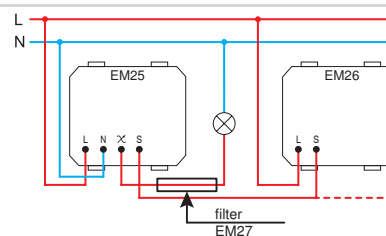
FILTER OMREŽNIH MOTENJ

EM27

- filter frekvenčnih motenj za EM25
- slika je simbolična

FREQUENCY FILTER

- frequency filter for EM25
- image is symbolic



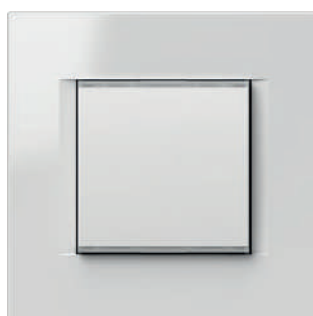
SET STIKALO / ZATEMNILNIK UNIVERZALNI RLC 0-300W 2M PP OL20

EM25PPOL20

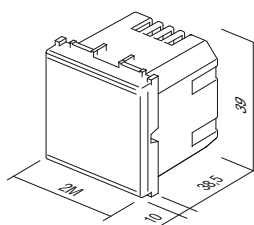
- set vsebuje zatemnilnik EM25, nosilec 2M in okvir LINE 2M PW
- za tehnični opis glej EM25

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 STIKALO 5A 230V~ 1M



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

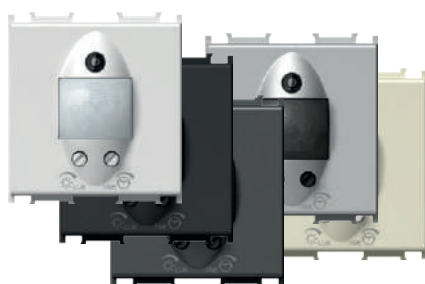
- IR infrardeče stikalo
- napajanje: 230V~ ±10 % 50Hz
- rele: 5A / 250V~ (zero crossing)
- stopnja varnosti: IP40
- presek žic pri stičniku: 0,75 - 2,5 mm²
- kot zaznavanja: do 110° pri 20°C
- območje zaznavanja: približno 8 m pri 20°C
- nastavljivost časovnega trajanja: od približno 5 s do 12 min
- nastavljivost osvetlitve: od približno 5 do 200 LUX
- temperatura delovanja: od 0°C do +40°C
- ni primeren za vgradnjo v doze, globine 45 mm in ohišja CUBO IP20
- samo za notranjo uporabo



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 mm²
- 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 STIKALO 5A 230V~ 2M



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

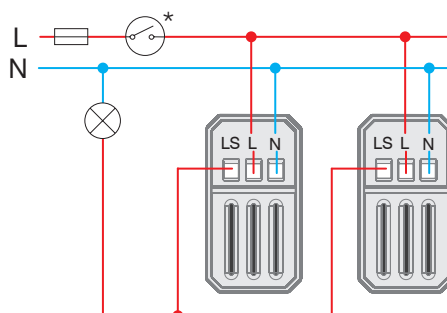
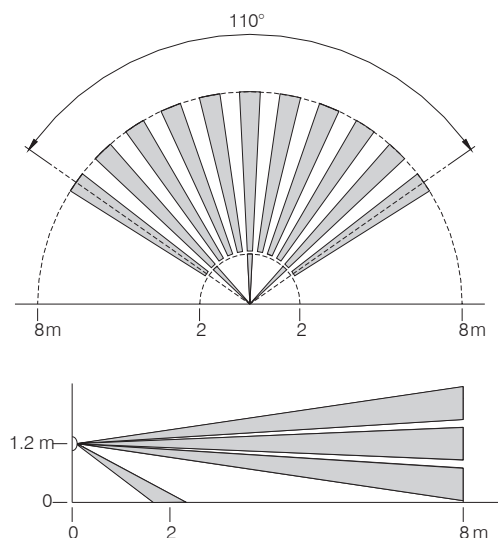
- IR infrardeče stikalo
- napajanje: 230V~ ±10 % 50Hz
- rele: 5A / 250V~ (zero crossing)
- stopnja varnosti: IP40
- presek žic pri stičniku: 0,75 - 2,5 mm²
- kot zaznavanja: do 110° pri 20°C
- območje zaznavanja: približno 8 m pri 20°C
- nastavljivost časovnega trajanja: od približno 5 s do 12 min
- nastavljivost osvetlitve: od približno 5 do 200 LUX
- temperatura delovanja: od 0°C do +40°C
- ni primeren za vgradnjo v doze, globine 45 mm in ohišja CUBO IP20
- samo za notranjo uporabo



IR SWITCH 5A 230V~ 2M

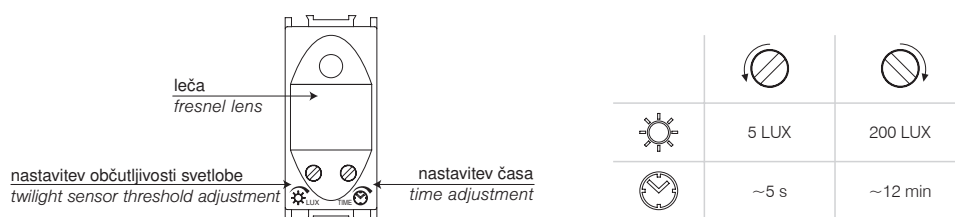
- IR infrared switch
- supply voltage: 230V~ ±10 % 50Hz
- relay: 5A / 250V~ (zero crossing)
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 mm²
- detection angle: up to 110° at 20°C
- detection area: approx. 8 m at 20°C
- adjustability of duration: from approx. 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

območje zaznavanja /
detection range



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

nastavitev občutljivosti in časa osvetlitve /
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 - žarnica z žarilno nitko /
incandescent lamp

2 - halogenska žarnica /
halogen lamp

3 - uporavno grelno telo /
resistive heating element

4 - elektronski transformator /
electronic transformer

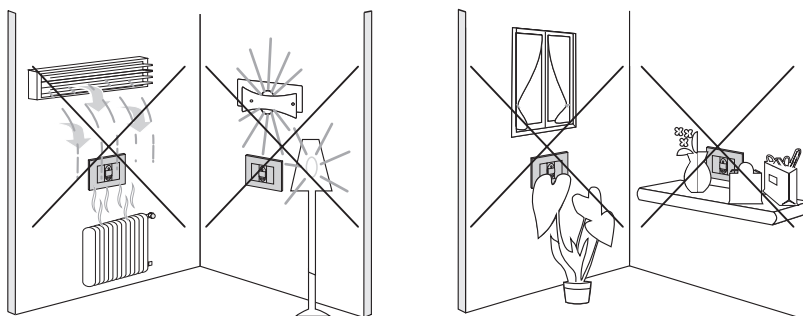
5 - fluorescentna cev (izvedba 1) /
fluorescent tube (version 1)

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

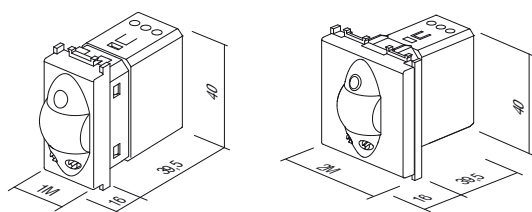
7 - varčna CFL sijalka /
energy saving CFL lamp

8 - LED sijalka /
LED lamp

opozorila /
attention



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



TERMOSTAT OSNOVNI 6A 230V~ 2M



- EM37PW
- EM37SB
- EM37AT
- EM37ES
- EM37IW

- termostat elektronski osnovni
- način delovanja: ogrevanje / hlajenje / izklop
- napajanje: 230 VAC, 50 Hz
- izhod: 6(2) A, 230 VAC, preklopni rele
- območje regulacije: +10 °C do +30 °C
- histereza: ±0,5 °C, ED = 20min
- zaščita proti zmrzovanju (način ogrevanje): +6 °C
- zaščita proti pregrevanju (način hlajenje): +32 °C
- funkcija ECO za znižanje temperature za 3 °C za 6 ur v načinu ogrevanje in povečanje temperature za 3 °C za 6 ur v načinu hlajenje
- funkcija adaptivni ECO, avtomatsko vsak dan ob istem času zniža temperaturo za 3 °C za 6 ur v načinu ogrevanje in poveča temperaturo za 3 °C za 6 ur v načinu hlajenje
- možnost vklopa ECO režima delovanja z zunanjim sproženjem preko ločenega vhoda
- LED signalizacija delovanja
- ni primeren za električno talno ogrevanje
- vijačna pritrditev vodnikov max. 2.5 mm²
- ustreza LV Direktivi, EMC direktivi, standardi EN60730-1 in EN60730-2-9
- za pravilno delovanje, priporočamo vgradnjo v samostojno dozo, ločeno od naprav, ki generirajo toploto
- temperatura uporabe: 5 ÷ 35 °C
- temperatura skladiščenja: -20 ÷ 50 °C

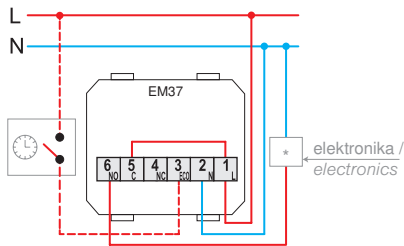


Termostat je namenjen reguliranju temperature v prostoru. Termostat omogoča dva načina delovanja – ogrevanje ali hlajenje. Vgrajene ima varovalne funkcije zaščito proti zmrzovanju (način ogrevanja) in zaščito proti pregrevanju (način hlajenja). Delovanje se signalizira s pomočjo LED signalizacije. Nastavljanje termostata se vrši s pomočjo rotacijskega gumba za nastavev temperature in kapacitivnih tipk na dotik.

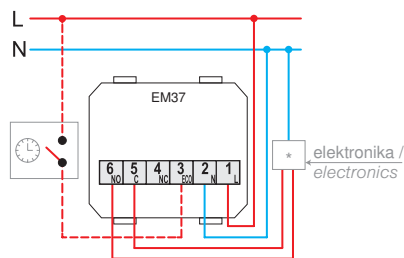
The thermostat is intended for regulating temperature in a room. A thermostat enables two modes of operation – heating or cooling. It has safety functions installed for protection against freezing (heating mode) and protection against overheating (cooling mode). The operation is indicated via LED signaling. 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

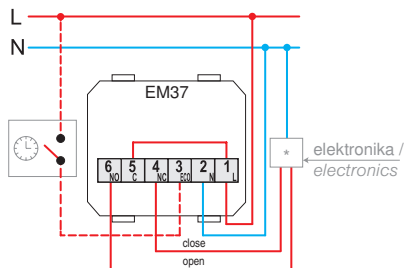
- electronic thermostat, basic
- operation mode: heating/cooling/turn off
- power supply: 230 VAC, 50 Hz
- output: 6(2) A, 230 VAC, relay switch
- regulation range: +10 °C to +30 °C
- hysteresis: ±0.5 °C, ED = 20min
- anti-freeze protection (heating mode): +6 °C
- overheating protection (cooling mode): +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 mm²
- 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



obtočna črpalka, gorilnik (direktna priključitev),
termoelektrični pogon /
circulation pump, burner (direct connection)
thermoelectric drive



kotel, toplotna črpalka, gorilnik (krmilni vhod T1/T2) /
boiler, heat pump, burner (control input T1/T2)

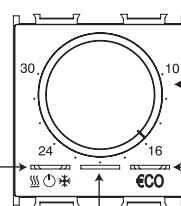


motorni pogon (omejena uporaba pri talnem ogrevanju) /
motor drive (limited use with underfloor heating)

nastavev delovanja in temperature /
function and temperature adjustment

tipka za izbiro delovanja in
LED signalizacija stanja:
rdeča: ogrevanje
modra: hlajenje
ne sveti: izklopljeno

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



nastavev temperature
temperature setting

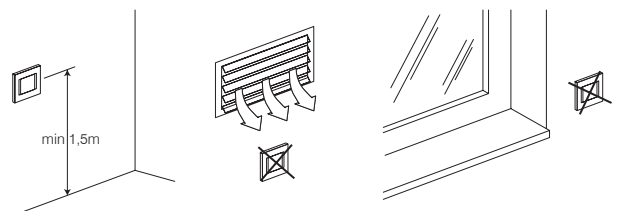
tipka za izbiro "ECO" režima in
LED indikator "ECO" režima
zelen: ECO režim vklopljen
oranžna: adaptivni ECO aktiviran
ne sveti: dnevni režim

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

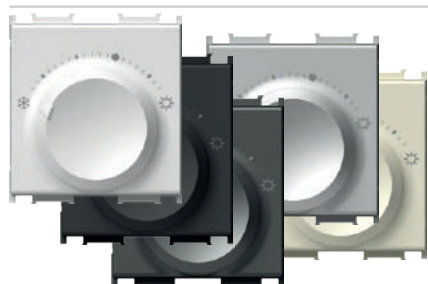
LED signalizacija stanja izhodnega releja
bela: rele vklopljen
ne sveti: rele izklopljen

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

opozorila /
attention



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



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

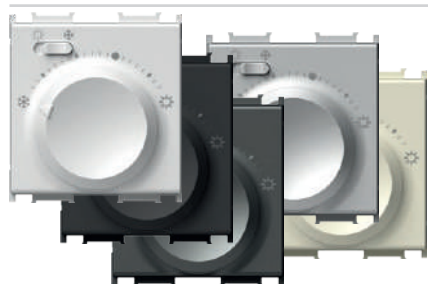
- način delovanja: ogrevanje
- napajanje: 230 VAC, 50 Hz
- napetostni pulz: 4 kV
- poraba energije: < 0,5 W
- izhod: 2 A (max. 5 A); 230 VAC, 50 Hz
- izhodni priključek: NO (max. 10 aktuatorjev)
- območje regulacije: +5 °C do +30 °C
- zaščita proti zmrzovanju: +5 °C
- histereza: 0,5 K
- zaščita: IP30
- vrsta tipala: bimetal
- vrsta električnega priključka: vzmetni kontakti
- vrsta vodnikov: 0,75 - 1,5mm² (mehkožilni); 1,0 - 2,5 mm² (trdožilni)
- skladno z direktivo 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 mm² (flexible-stranded core); 1.0 – 2.5 mm² (solid core)
- in compliance with Directive DIN EN 60730

TERMOSTAT OGREVANJE/HLAJENJE 3(1,5)A 230V~ 2M



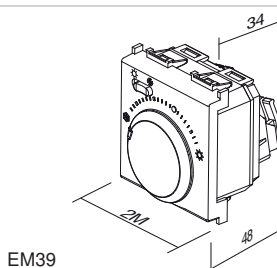
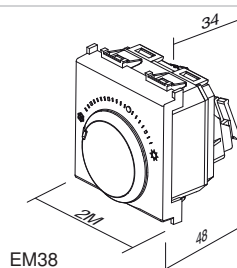
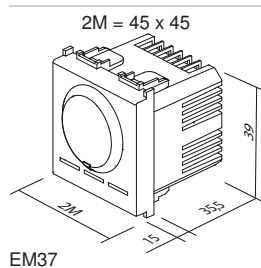
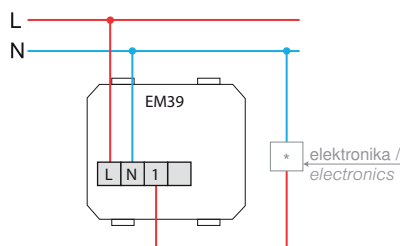
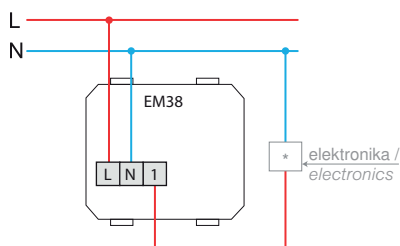
- EM39PW
- EM39MW
- EM39SB
- EM39AT
- EM39ES
- EM39IW

- način delovanja: ogrevanje/hlajenje
- napajanje: 230 VAC, 50 Hz
- napetostni pulz: 4 kV
- poraba energije: < 0,5 W
- izhod: 1.5 A (max. 3 A); 230 VAC, 50 Hz
- izhodni priključek: preklopno stikalo (max. 5 aktuatorjev)
- območje regulacije: +5 °C do +30 °C
- zaščita proti zmrzovanju: +5 °C
- histereza: 0,5 K
- zaščita: IP30
- vrsta tipala: bimetal
- vrsta električnega priključka: vzmetni kontakti
- vrsta vodnikov: 0,75 - 1,5mm² (mehkožilni); 1,0 - 2,5 mm² (trdožilni)
- skladno z direktivo 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 - 1.5mm² (flexible-stranded core); 1.0 - 2.5 mm² (solid core)
- in compliance with the Directive DIN EN 60730





NM39

NOSILEC Z VIJAKI ZA TERMOSTATE FANTINI COSMI 3M

- nosilec z vijaki za termostate Fantini Cosmi 3M
- namenjen za uporabo z dnevnimi termostati Fantini Cosmi za modela CH121 in CH123
- namenjen za uporabo s tedenskimi termostati Fantini Cosmi za modela CH141A in CH143A
- montaža v pravokotne doze velikosti 3M
- primeren za sestavo z okvirji 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

KARTIČNO STIKALO ZA VARČEVANJE Z ENERGIJO 3A 250V~ 3M

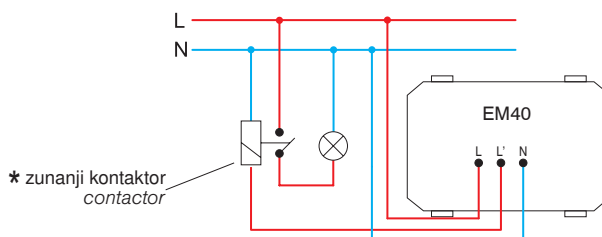
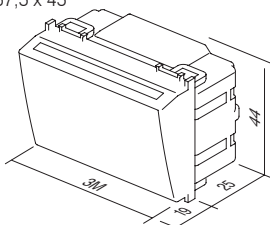
- kartično stikalo osnovno, poljubna ISO kartica
- napajanje 230V~ 50Hz
- izhod 3A 250V~ za vklop zunanjega kontaktorja *
- zakasnitev izklopa 15-20s
- ustreza EN 61000-6-1
- kartica ni priložena
- ni namenjeno kontroli pristopa



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



* zunanji kontaktor
contactor



EM47

KARTICA ISO

- ISO kartica
- za uporabo s kartičnim stikalom EM40
- velikost: 85x54 mm

CARD ISO

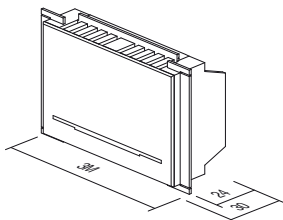
- ISO card
- for combination with card switch EM40
- size: 85x54 mm



EM44BK

KARTIČNO STIKALO ZA VARČEVANJE Z ENERGIJO RF HF 13,56MHz 3M

- kartično stikalo elektronsko na RFID ISO kartico
- napajanje iz rele enote EM49 preko kabla s konektorji RJ12
- izhod za povezavo z rele enoto EM49
- zakasnitev izklopa "main power" ob izvlečenju kartice 15-20 s
- zakasnitev izklopa "HVAC" ob izvlečenju kartice pri odprtih balkonskih vratih ali oknu - 1 min
- ustreza EN 61000-6-1
- kartica ni priložena
- ni namenjeno kontroli pristopa



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

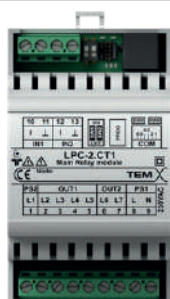
RELE ENOTA ZA KARTIČNO STIKALO 2X16A 250V~

- rele enota za kartična stikala EM44
- napajanje 230V~ 50 Hz
- ustreza EN 61000-6-1
- montaža na DIN letev 35mm, 3MU
- vhodi in izhodi glede na vgradnjo: enosobno ali dvosobno

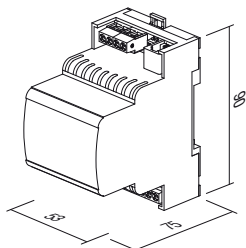


ENERGY SAVER CONTROL UNIT 2x16A 250V~

- 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



EM49



RAZDELILNIK SPL-1

- za povezavo dveh kartičnih stikal EM44 z rele enoto EM49
- komunikacijski konektor RJ12
- velikost: 37 x 30 x 27 mm

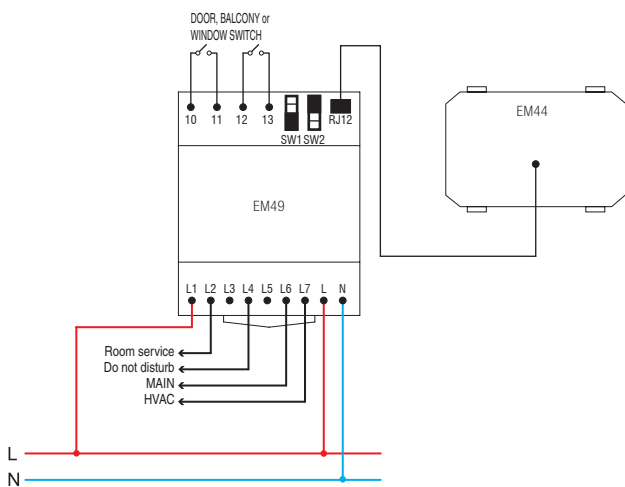


EM45

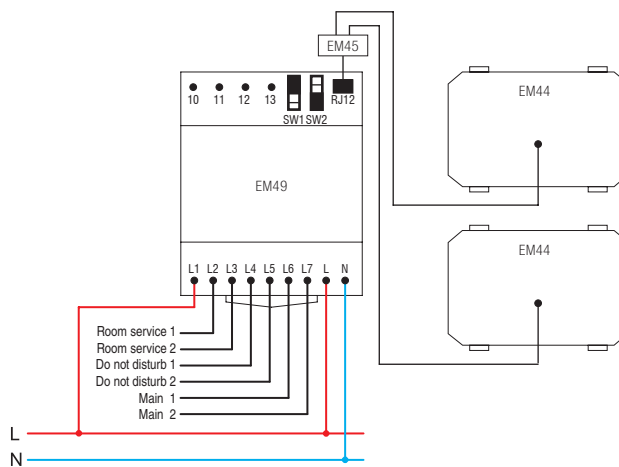
SPLITTER SPL-1

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

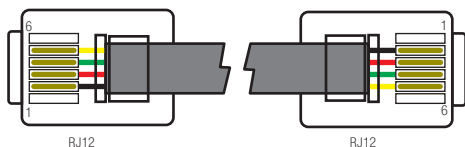
vezalna shema za enosobno delovanje / wiring diagram for single room implementation



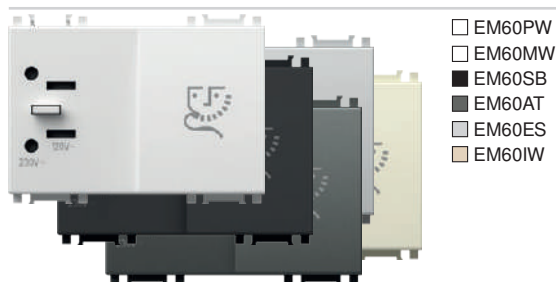
vezalna shema za dvosobno delovanje / wiring diagram for double room implementation



povezovalni kabel RJ12 med EM44 in EM49 / connection cable RJ12 between EM44 and EM49



VTIČNICA ZA BRIVNIK 230V~/120V~ 3M



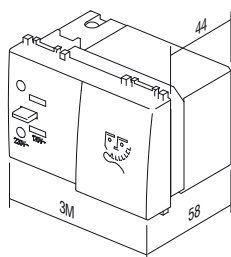
- EM60PW
- EM60MW
- EM60SB
- EM60AT
- EM60ES
- EM60IW

- vtičnica za brivnik z ločilnim transformatorjem 20VA
- vhod: 230V~ 50-60Hz
- izhod:
- 230V~ za 2P 2.5A EURO vtič ali
- 120V~ za 2P 15A ameriški vtič
- razred zaščite II
- ustreza EN 61558-2-5

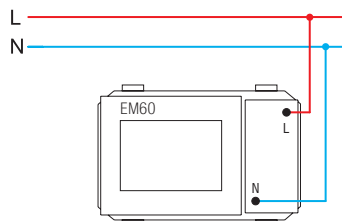


SOCKET SHAVER 230V~/120V~ 3M

- 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

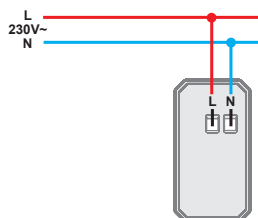
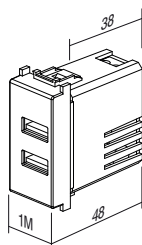


POLNILNIK USB 5V 2,4A 1M



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

- za polnjenje elektronskih naprav prek standardnega USB priključka (kompatibilno tudi z Apple napravami)
- napajanje: 100-230 V~ 50/60 Hz
- poraba med delovanjem:
- 300 mA pri 100 V~/150 mA pri 230 V~
- poraba v mirovanju: 30 mW pri 230 V~
- izhodna napetost: 5 VDC ($\pm 5\%$) SELV
- nihanje izhodne napetosti: 150 mV
- nominalni izhodni tok: 2,4 A ($\pm 10\%$)
- učinkovitost: maksimalno 77 %
- temperatura delovanja: 0 °C/+ 45 °C (notranja uporaba)
- IP zaščitni razred: IP20, samo za notranjo uporabo
- varnostni razred naprave II
- prenapetostna zaščita (EN 62109): razred III
- vijačna pritrditev vodnikov max. 2.5 mm²
- naprava z odmikom kontaktov min. 3 mm
- ustreza standardu EN 60950-1 in direktivam EMC in LVD
- ni primeren za vgradnjo v doze globine 45 mm
- in ohišja CUBO IP20



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

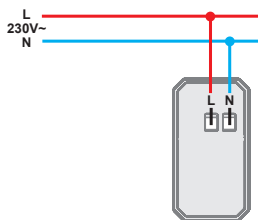
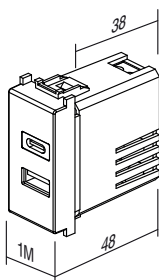
- for charging of electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V~ 50/60Hz
- power consumption: 300mA at 100V~/150mA at 230V~
- standby power consumption: 30mW at 230V~
- nominal output voltage: 5 VCD ($\pm 5\%$) SELV
- output ripple voltage: 150mV
- nominal output current: 2,4A ($\pm 10\%$)
- 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 mm²
- 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

POLNILNIK USB 5V 3,0A



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

- za polnjenje elektronskih naprav prek standardnega USB priključka (kompatibilno tudi z Apple napravami)
- napajanje: 100-230 V~ 50/60 Hz
- poraba med delovanjem: 300 mA pri 100 V~/150 mA pri 230 V~
- poraba v mirovanju: 30 mW pri 230 V~
- izhodna napetost: 5 VDC ($\pm 5\%$) SELV
- nihanje izhodne napetosti: 150 mV
- nominalni izhodni tok: 3,0 A ($\pm 10\%$)
- tip konektorja: USB A / USB C
- učinkovitost: maksimalno 77 %
- temperatura delovanja: 0 °C/+ 45 °C (notranja uporaba)
- IP zaščitni razred: IP20, samo za notranjo uporabo
- varnostni razred naprave II
- prenapetostna zaščita (EN 62109): razred III
- vijajčna pritrditev vodnikov max. 2,5 mm²
- naprava z odmikom kontaktov min. 3 mm
- ustreza standardu EN 60950-1 in direktivam EMC in LVD
- ni primeren za vgradnjo v doze globine 45 mm in ohišja CUBO IP20



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 mm²
- 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 ZASILNA SVETILKA 250V~ 0.9W, NiCd 3h 7M



- EM55

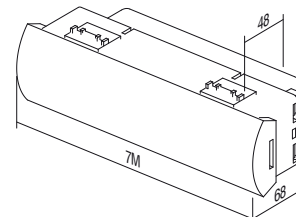
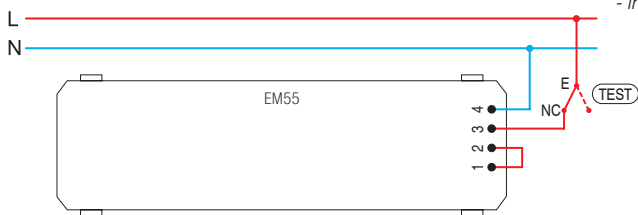
- zasilna LED svetilka
- napajanje 250V~ 50Hz 3xLED 0,3W, 10000mcd, 6500K
- NiCd akumulator 4,8V 400 mAh, zamenljiv
- avtonomija 3h, polnjenje 24h
- razred zaščite II
- ustreza EN 60598-1, EN 60598-2-2, EN 60598-2-22



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 ZASILNA SVETILKA 230V~50Hz, 0.5W, NiMH 2h 2M

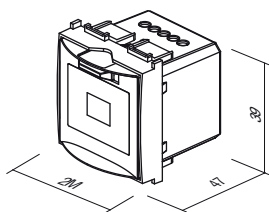
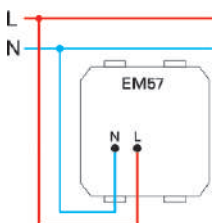
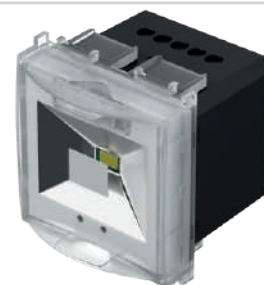


- EM57

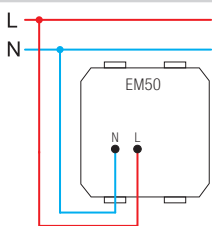
- zasilna LED svetilka
- možnost uporabe kot prenosne ročne svetilke (izvlečni mehanizem)
- napajanje 230V 50Hz 1xLED 0.5W
- NiMH akumulator 3,6V 140mAh, zamenljiv
- avtonomija 2 h, polnjenje 36 h
- varnostni razred naprave II
- ustreza EN60598-1, EN60598-2-2, EN62471, EN55015:2006, EN61547

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



LED AMBIENTALNA ENOTA ENOBARVNA 250V~ 0,8W 2M



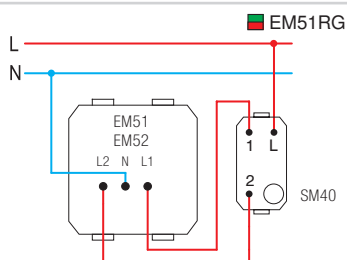
- EM50WH
- EM50BL
- EM50RD
- EM50GR

- LED ambientalna enota za stopnišča in hodnike
- napajanje 230V~ 50Hz 0,8W, 6500K
- razred zaščite II
- ustreza EN 60598-1
- uporaba tudi za usmerjanje ali signalizacijo z možnostjo laserskega tiska poljubne grafike



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



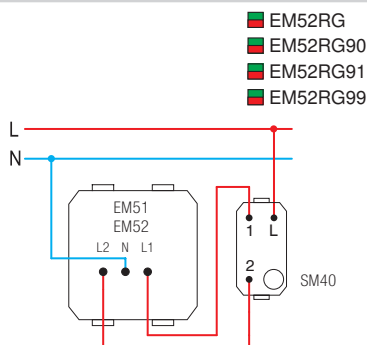
- EM51RG

SVETILKA LED DVOBARVNA 250V~ 2x0,4W 2M

- LED dvobarvna svetilka (rdeča/zelena) za signalizacijo
- napajanje 230V~ 50Hz 2x0,4W, 6500K
- razred zaščite II
- ustreza EN 60598-1
- vsebuje grafiko kot na sliki
- možnost laserskega tiska poljubne grafike

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



- EM52RG
- EM52RG90
- EM52RG91
- EM52RG99

SVETILKA LED 3D DVOBARVNA 250V~ 2x0,4W 2M

- LED dvobarvna svetilka (rdeče/zelena) s 3D simbolom, za signalizacijo
- napajanje 230V~ 50Hz 2x0,4 W, 6500K
- razred zaščite II
- ustreza EN 60598-1
- možnost tiska različnih grafik po naročilu
- 90 moški simbol, 91 ženski simbol, 99 simbol po naročilu

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

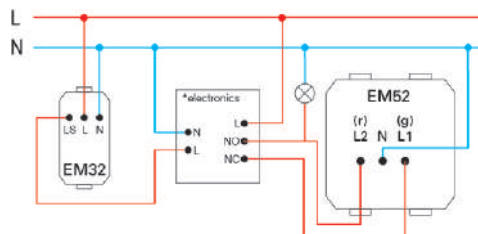
- signalling LED lamp, dual color (red/green) with 3D symbol
- supply voltage 230V~ 50Hz 2x0,4W, 6500K
- class II
- in accordance with EN 60598-1
- possible customized graphics on request
- 90 male symbol, 91 female symbol, 99 symbol on request



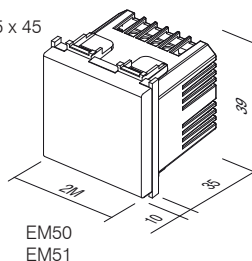
EM52RG91



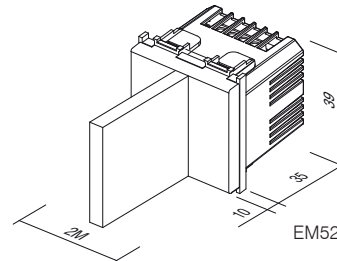
EM52RG90



2M = 45 x 45



EM50
EM51



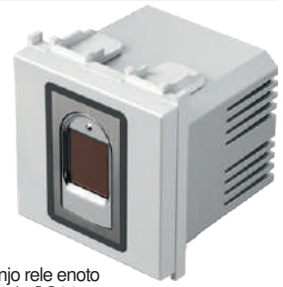
EM52



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

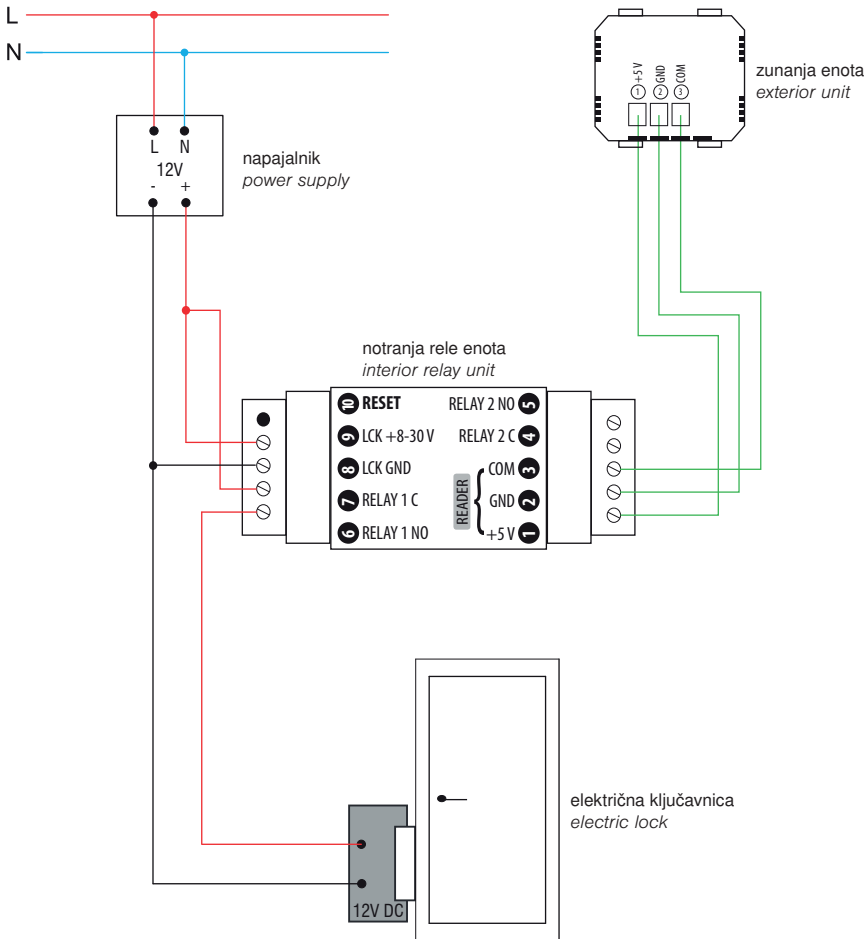
STIKALO NA PRSTNI ODTIS BIOPASS 2M

- stikalo na prstni odtis v kompletu z notranjo rele enoto in napajalnikom
- kapaciteta: 500 prstnih odtisov
- enostavno upravljanje prek mobilne aplikacije X-Manager
- napajalna napetost: 8-30 V – DC ali AC (napajalnik priložen)
- kapacitivni senzor
- 2 izhodna releja
- maksimalna napetost/tok na releju: 40V/3A
- čas proženja releja: 1 - 10 s
- maksimalna moč: 3,6 W
- Temperaturno območje delovanja: -30 °C do +80 °C
- Maksimalna vlažnost okolice do: 100 % IP65
- 256-bitna enkripcija povezave med stikalom in notranjo rele enoto
- Set vključuje tudi nosilec NM24 in dekorativni okvir OS20.

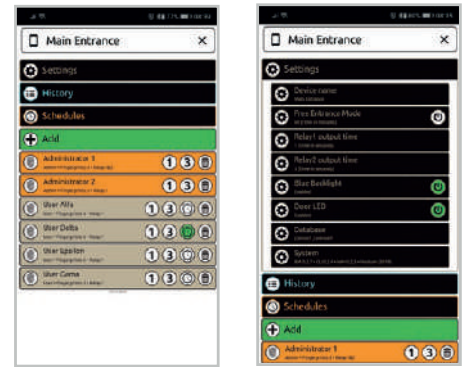


FINGERPRINT SWITCH BIOPASS 2M

- 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.



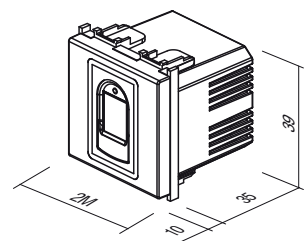
X-Manager app



podpora.tem.si



zunanja enota
exterior unit

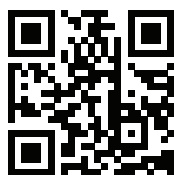
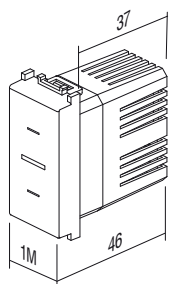


VEČOPRAVILNO ČASOVNO STIKALO EM82



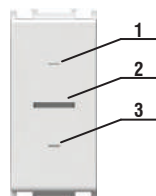
- EM82PW
- EM82MW
- EM82SB
- EM82AT
- EM82ES
- EM82IW

- Napajalna napetost: 230 VAC, 50Hz
- Izhod: Rele 16 A / 250 V AC, 50Hz
- Presek žic: 0,75 – 4.0 mm²
- Temperatura delovanja: 0 do +40 °C
- Temperatura skladiščenja: -5 do +60 °C
- Funkcije: **Časovnik, Rele (krmiljeno stikalo), Stikalo, Tipkalo**
- Indikacija programa / stanja: RGB LED
- Število tipk: 2
- Vrsta delovanja tipke: Kapacitivno
- Število priključkov: 6 - 2x N, 2x L, 1x Izhod (L'), 1x Krmiljen vhod (S)
- Možnost krmiljenega vhoda: Da. Priključitev signala omrežne napetosti (230 VAC) na sponko S
- Implementirano delovanje »zero crossing« (preklop stikala ob prehodu napetosti skozi 0 V)
- Poraba v stanju OFF / ON: 0.3 W / 1.0 W
- Stikalo EM82 NI PRIMERNO za vgradnjo v podometne doze globine 45 mm in ohišja CUBO IP20.
- Stikalo je namenjeno za uporabo v notranjih prostorih, zaščiteneh pred vplivom vlage.

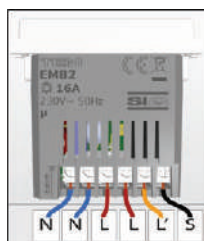


MULTIPURPOSE TIMER SWITCH EM82

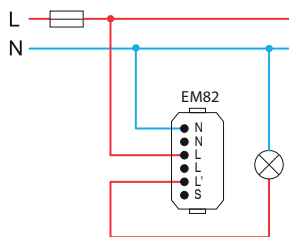
- Supply voltage: 230 VAC, 50Hz
- Output: Rele 16 A / 250 V AC, 50Hz
- Wire cross section: 0,75 – 4.0 mm²
- Operating temperature: 0 to + 40 °C
- Storage temperature: -5 to + 60 °C
- Functions: **Timer, Relay (controlled switch), Switch, Push button**
- Program/status indication: RGB LED
- Number of 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.



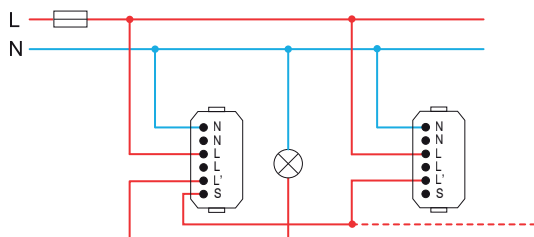
- 1 - TIPKA 1
- 2 - LED INDIKATOR
- 3 - TIPKA 2



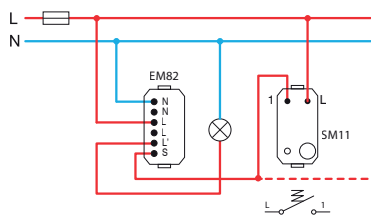
- N NEVTRALNI VODNIK
- L FAZNI VODNIK
- L' IZHOD (KRMILJENA FAZA)
- S VHODNI KRMILNI SIGNAL (230 VAC)



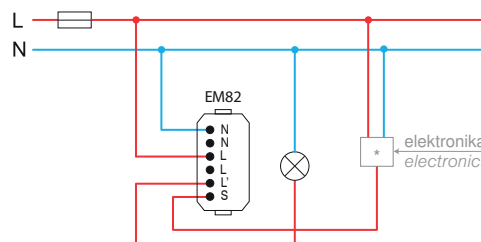
EM82 IS IN A SWITCH OR A TIMER MODE



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

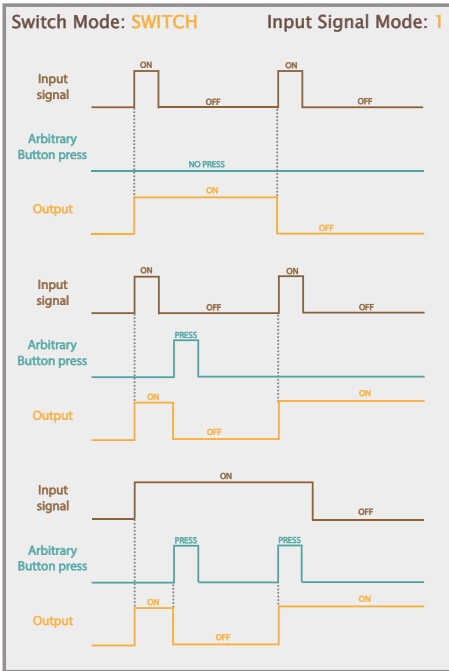


FIGURE 6: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE SWITCH OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

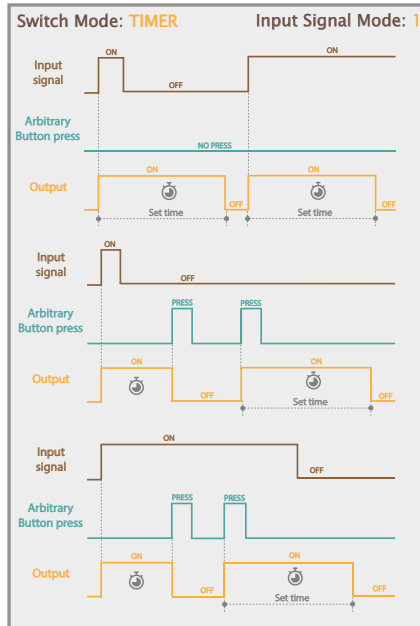


FIGURE 7: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE TIMER OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

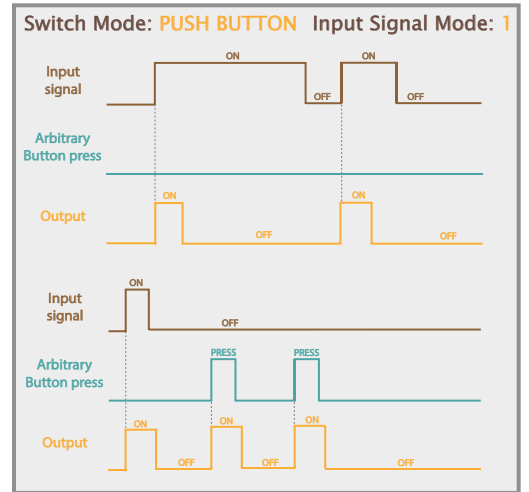


FIGURE 8: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE PUSH BUTTON OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

OPERATION OF THE CONTROL SIGNAL S – MODE 2

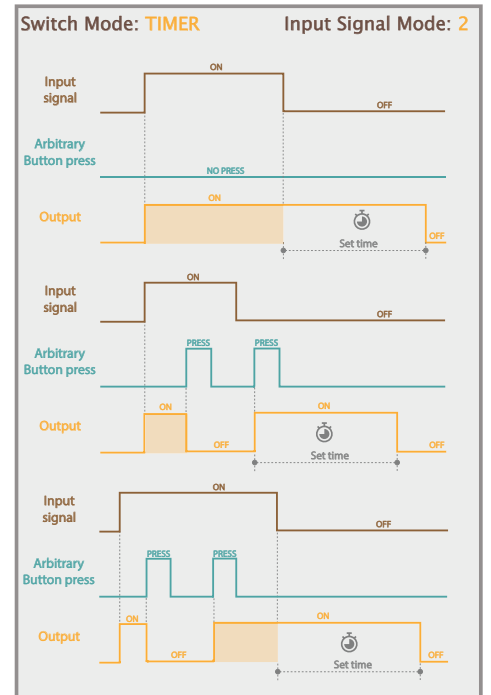


FIGURE 10: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE TIMER OPERATING MODE AND EXTERNAL SIGNAL IN MODE 2

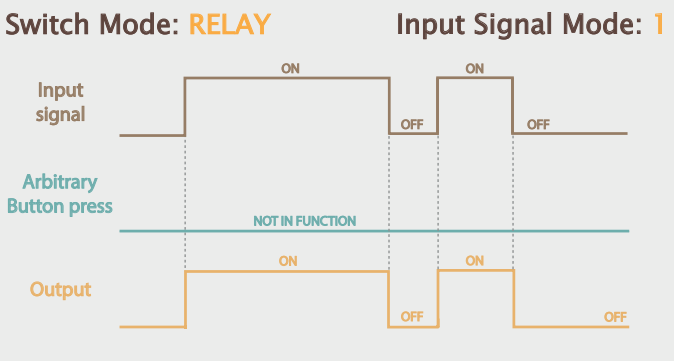


FIGURE 9: DISPLAY OF THE OPERATION OF THE EXTERNAL SIGNAL S AND BUTTONS IN THE RELAY OPERATING MODE AND EXTERNAL SIGNAL IN MODE 1

OPERATING MODE SETTINGS OF THE EXTERNAL CONTROL SIGNAL S

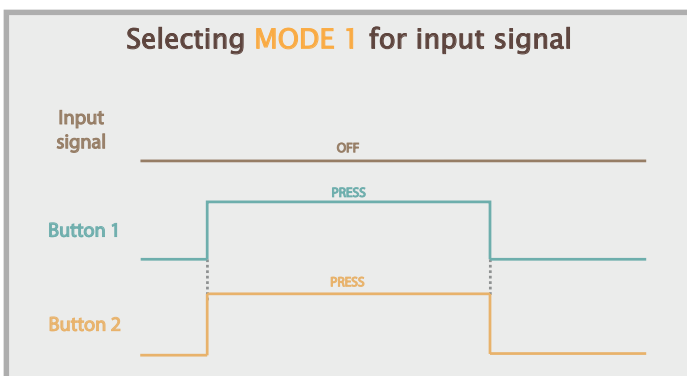


FIGURE 11: SETTING THE OPERATING MODE OF THE INPUT SIGNAL S FOR MODE 1

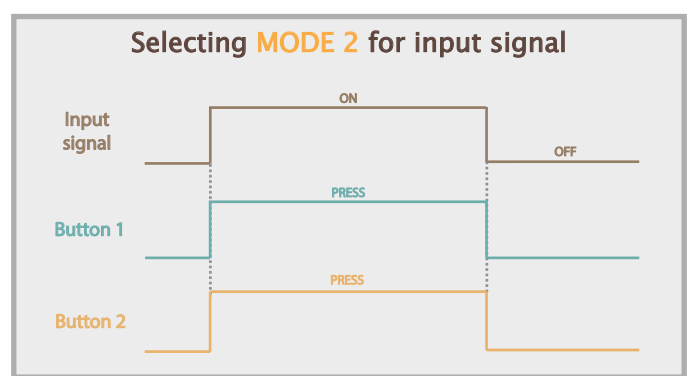


FIGURE 12: SETTING THE OPERATING MODE OF THE INPUT SIGNAL S FOR MODE 2

STIKALO BREZDOTIČNO 10A 240V~



■ EM80GW

- stikalo brezdotično za vklop in izklop ("master")
- napajanje: 240 V~ 50 Hz
- izhodni rele 10A / 250V~ (2400W pri 240V~)
- nastavljen domet od 2 do 10 cm
- namenjeno za montažo v standardne okrogle doze Ø60 mm
- za priklop je nujen ničelni vodnik (N)
- vezava z menjalnimi stikali ni možna
- možna vezava do 5 upravljalnih stikal EM81
- enostavna montaža dekorativnih okvirjev s pomočjo magnetov
- vijačna pritrditev vodnikov do 2,5 mm² (maks. moment privitja vijakov 0,4 Nm)
- ustreza EN 60669-1 in EN 60669-2-1
- samo za notranjo uporabo



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 mm² (max. screw tightening torque is 0.4 Nm)
- in accordance with EN 60669-1 and EN 60669-2-1
- only for indoor use

STIKALO BREZDOTIČNO UPRAVLJALNO



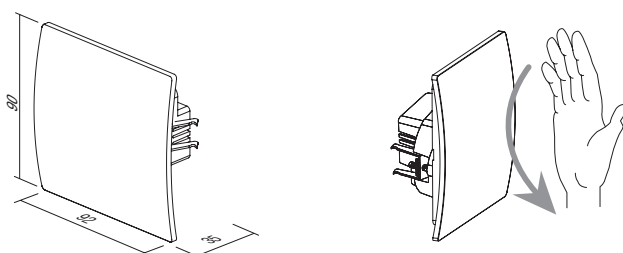
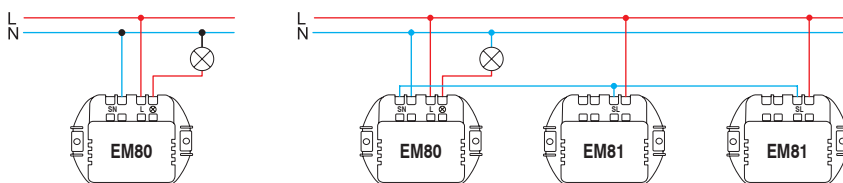
■ EM81GW

- stikalo upravljalno («slave»)
- deluje samo v povezavi s stikalom EM80 ("master")
- nastavljen domet od 2 do 10 cm
- enostavna montaža dekorativnih okvirjev s pomočjo magnetov
- vijačna pritrditev vodnikov do 2,5 mm² (maks. moment privitja vijakov 0,4 Nm)
- ustreza EN 60669-1 in EN 60669-2-1
- samo za notranjo uporabo

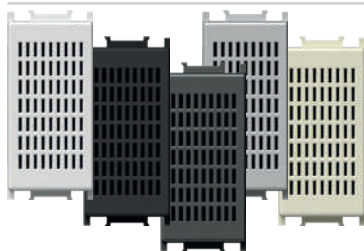


SWITCH, TOUCHLESS, CONTROL UNIT

- 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 mm² (max. screw tightening torque is 0.4 Nm)
- in accordance with EN 60669-1 and EN 60669-2-1
- only for indoor use



BRENČAČ 8VA 230V~ 1M



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

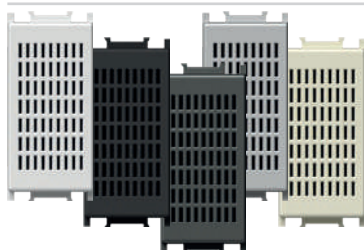
- signalni brenčać
 - dolžina zvoka je enaka dolžini pritiska na tipko
 - napajanje 230V~ 50Hz 8VA

BUZZER 8VA 230V~1M

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



BRENČAČ 8VA 12V~ 1M



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

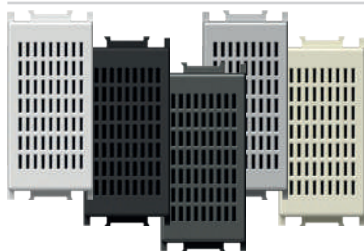
- signalni brenčać
 - dolžina zvoka je enaka dolžini pritiska na tipko
 - napajanje 12V~ 50Hz 8VA

BUZZER 8VA 12V~1M

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



ZVONEC 8VA 230V~ 1M



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

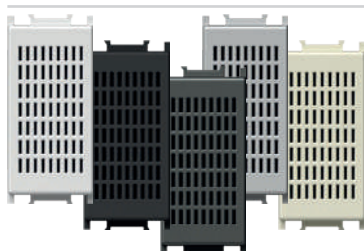
- signalni zvonec
 - dolžina zvoka je enaka dolžini pritiska na tipko
 - napajanje 230V~ 50Hz 8VA

BELL 8VA 230V~1M

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



ZVONEC 8VA 12V~ 1M

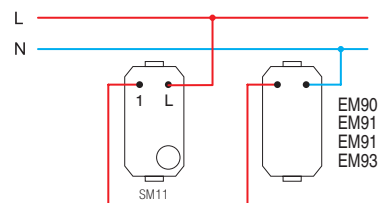
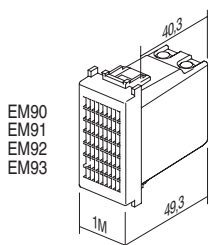


- EM93PW
- EM93MW
- EM93SB
- EM93AT
- EM93ES
- EM93IW

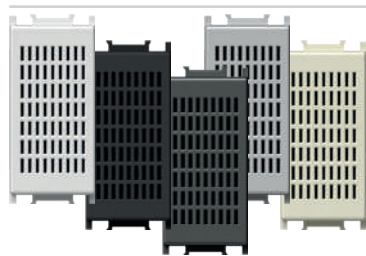
- signalni zvonec
 - dolžina zvoka je enaka dolžini pritiska na tipko
 - napajanje 12V~ 50Hz 8VA

BELL 8VA 12V~1M

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

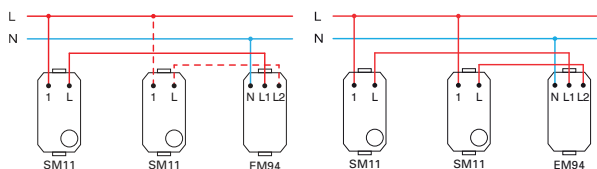
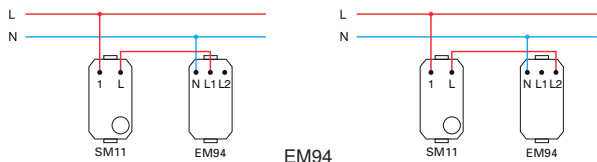


ELEKTRONSKI ZVONEC 230V~ 6mA rms 1M



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

- napajanje 230 V~ 50/60 Hz
- poraba melodija 1; 4,7 mA rms
- poraba melodija 2; 5,9 mA rms
- nivo zvoka melodija 1; 90,5 dB
- nivo zvoka melodija 2; 86 dB
- temperatura delovanja: 0°C/45 °C (notranja uporaba)
- temperatura skladiščenja -20 °C /50 °C
- IP zaščitni razred : IP20 (samo za notranjo uporabo)
- varnostni razred naprave II
- prenapetostna zaščita (EN62109): razred III
- vijčna pritrditev vodnikov max. 2,5 mm²
- naprava z odmikom kontaktov min. 3mm
- zvonček mora biti varovan z ustreznim zunanjim odklopnikom
- direktivi EMC in 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 mm²
- 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 GLASNOSTI ZA 100V AVDIO LINIJO 35W 2M



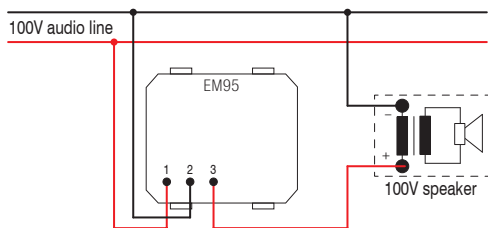
- EM95PW
- EM95MW
- EM95SB
- EM95AT
- EM95ES
- EM95IW

- regulator glasnosti (atenuator) za 100V avdio sisteme
- nazivna moč 35W (max. 45W), 6 stopenjska nastavitev glasnosti
- primeren za vgradnjo v globoke doze (min. 60 mm)
- ni primeren za vgradnjo v doze globine 45 mm in ohišja CUBO IP20
- samo za notranjo uporabo



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 GLASNOSTI NIZKOOHMSKI 4-8 Ω 35W 2M



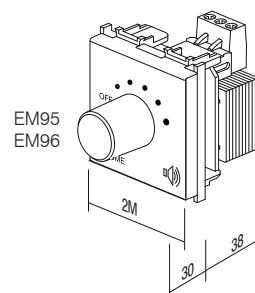
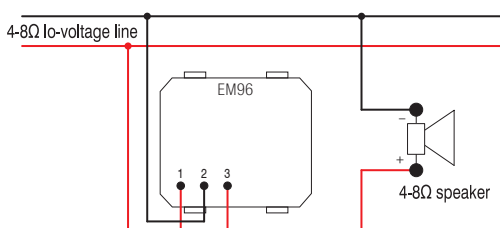
- EM96PW
- EM96MW
- EM96SB
- EM96AT
- EM96ES
- EM96IW

- regulator glasnosti za nizkonapetostne izhode 4-8 Ω 35W
- za priklop na HI-FI naprave
- nazivna moč 35W, 6 stopenjska nastavitev glasnosti
- primeren za vgradnjo v globoke doze (min. 60 mm)
- ni primeren za vgradnjo v doze globine 45 mm in ohišja CUBO IP20
- samo za notranjo uporabo



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



S E T S C M



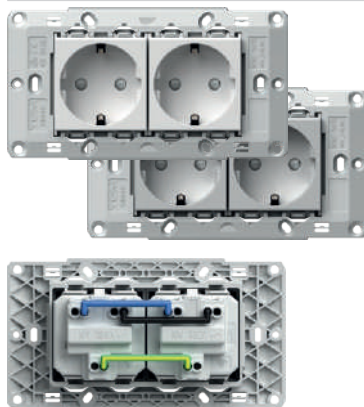
CM25

PW

OS

tip type	naziv description	tehnični opis technical data	velikost size	barva colour	opsijski opis 1 optional data 1
CM10	SET VTIČNIC 2x SCHUKO SOCKET SET 2x SCHUKO	2P+E 16A 250V~	4M	<input type="checkbox"/> PW bela-sijaj polar white	<input type="checkbox"/> OL okvir LINE cover plate LINE
CM11	SET VTIČNIC 3x SCHUKO SOCKET SET 3x SCHUKO	2P+E 16A 250V~	7M	<input type="checkbox"/> MW bela- mat matte white	<input type="checkbox"/> OS okvir SOFT cover plate SOFT
CM15	SET VEZNIKOV BARVNI LINK WIRE SET	3x1.5mm ²	1M	<input checked="" type="checkbox"/> SB črna-mat soft touch black	
·	·	·	·	<input checked="" type="checkbox"/> AT antracit anthracite	
·	·	·	·	<input type="checkbox"/> ES srebrna-mat elox silver	
·	·	·	·	<input type="checkbox"/> IW bež-sijaj ivory white	

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

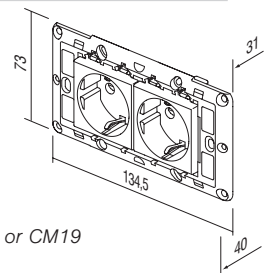


- CM10PW
 CM10ES

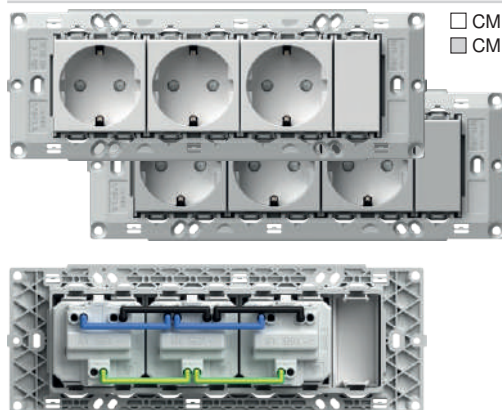
- set vtičnic 2x schuko VM10 2P+E 16A 250V~
- vtičnici povezani z vezniki CM16
- z nosilcem 4M brez vijakov
- za pritrnitev nosilcev uporabiti vijake CM17, CM18 ali CM19
- vijačna pritrnitev vodnikov 1.5-2.5 mm²
- ustreza IEC 60884-1, CEE7

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 mm²
- in accordance with IEC-60884-1, CEE7



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

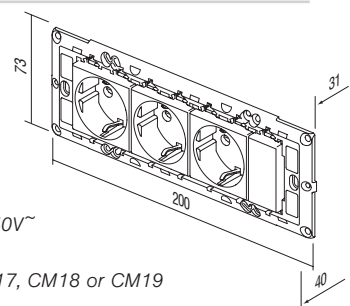


- CM11PW
 CM11ES

- set vtičnic 3x schuko VM10 2P+E 16A 250V~
- vtičnice povezane z vezniki CM16
- z nosilcem 7M brez vijakov
- za pritrnitev nosilcev uporabiti vijake CM17, CM18 ali CM19
- vijačna pritrnitev vodnikov 1.5-2.5 mm²
- ustreza 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 mm²
- in accordance with IEC-60884-1, CEE7



ANTIBACTERIAL PROGRAM MODUL

	□ TM11AW	TIPKA 1M - zamenljiva tipka velikosti 1M - ustreza EN 60669-1 - antibakterijska zaščita skladna z JIS Z 2801	
	□ TM11AWIN	TIPKA 1M INDIKATOR - zamenljiva tipka velikosti 1M - ustreza EN 60669-1 - antibakterijska zaščita skladna z JIS Z 2801 <i>BUTTON 1M</i> - replaceable button 1M - in accordance with EN 60669-1 - antibacterial protection in accordance with JIS Z 2801	
	□ TM12AW	TIPKA 2M - zamenljiva tipka velikost 2M z nosilcem tipke - uporablja se pri nadgradnji stikala ali tipkala velikosti 1M v velikost 2M - ustreza EN 60669-1 - antibakterijska zaščita skladna z JIS Z 2801 <i>BUTTON 2M</i> - 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	
	□ TM12AWIN	TIPKA 2M INDIKATOR - zamenljiva tipka velikost 2M z nosilcem tipke - uporablja se pri nadgradnji stikala ali tipkala velikosti 1M v velikost 2M - ustreza EN 60669-1 - antibakterijska zaščita skladna z JIS Z 2801 <i>BUTTON 2M INDICATOR</i> - 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	
	□ TM21AW	POLNILO 1M - za zapolnjevanje praznih mest - ustreza EN 60669-1 - antibakterijska zaščita skladna z JIS Z 2801 <i>BLANK 1M</i> - blank modul to fill up empty spaces - in accordance with EN 60669-1 - antibacterial protection in accordance with JIS Z 2801	
	□ TM22AW	POLNILO 2M - za zapolnjevanje praznih mest - ustreza EN 60669-1 - antibakterijska zaščita skladna z JIS Z 2801 <i>BLANK 2M</i> - blank modul to fill up empty spaces - in accordance with EN 60669-1 - antibacterial protection in accordance with JIS Z 2801	



□ VM10AW

VTIČNICA SCHUKO+KS 2P+E 16A 250V~ 2M

- 2P+E schuko
- 16A 250V~, tip VM10
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov
- antibakterijska zaščita skladna z 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 mm²
- built-in contact protection
- antibacterial protection in accordance with JIS Z 2801



□ VM11AW

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

- 2P+E schuko+pokrov
- 16A 250V~, tip VM11
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov
- antibakterijska zaščita skladna z JIS Z 2801

SOCKET SCHUKO+KS+COVER

- 2P+E schuko+cover
- 16A 250V~, type VM11
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm²
- built-in contact protection
- antibacterial protection in accordance with JIS Z 2801



□ VM20AW

VTIČNICA EURO+KS 2P 10A 250V~ 1M

- 2P euro
- 10A 250V~, tip VM20
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- vgrajena zaščita pred dotikom kontaktov
- antibakterijska zaščita skladna z 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 mm²
- built-in contact protection
- antibacterial protection in accordance with JIS Z 2801



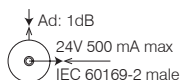
□ KM11AW

VTIČNICA TV KONČNA 1dB 1M

- TV končna
- frekvenčni pas 5÷2400 MHz
- dušenje < 1 dB
- ustreza EN 50083-1
- vijačna priključitev
- antibakterijska zaščita skladna z 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 pritrditveni standard
- AMP, Avaya, Brandrex, FMT, Mfico, Tyco, ...
- komunikacijski modul ni vgrajen
- antibakterijska zaščita skladna z JIS Z 2801

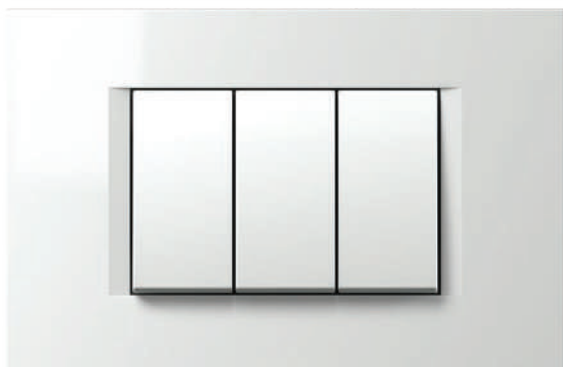
ADAPTER KS 1M

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

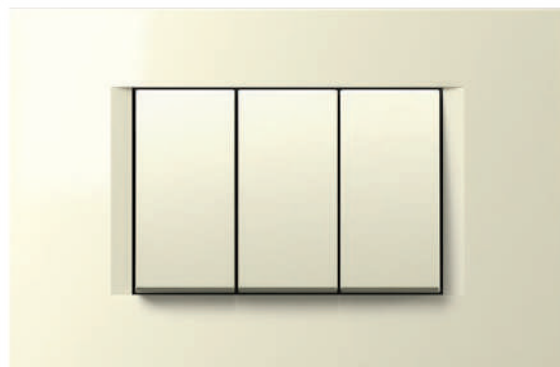


basic
basic

PW bela-sijaj
polar white



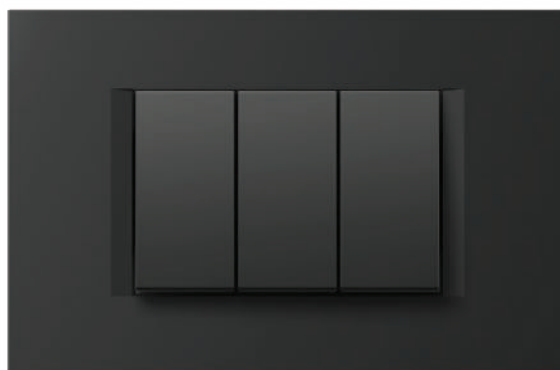
IW bež-sijaj
ivory white



ES srebrna-mat
elox silver



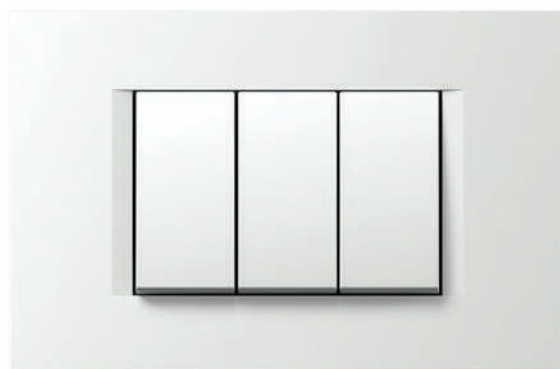
SB črna-mat
soft touch black



AT antracit
anthracite



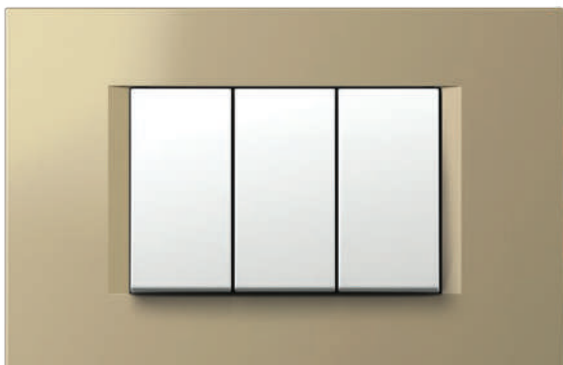
MW bela-mat
matte white



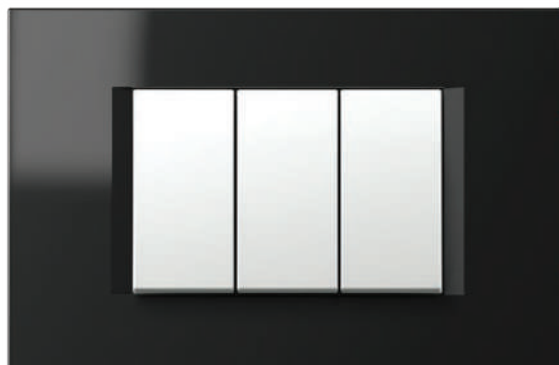
COVER PLATES LINE OL

dekor
decor

SG zlata-mat
sand gold



NB črna-sijaj
night black



IB modra-mat
impulse blue

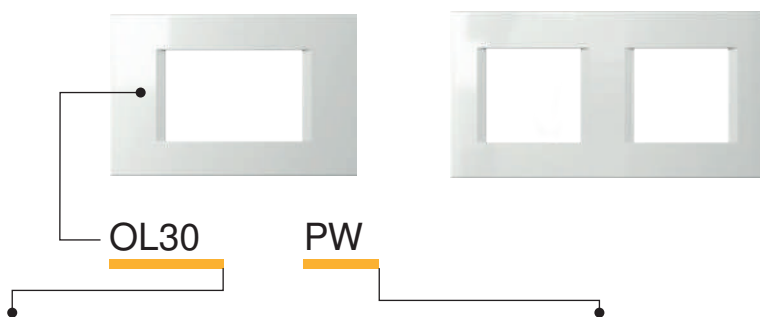


TI titan
titanium



SW kamen beli
stone white





tip type	naziv description	velikost size	barva colour																																				
OL10	OKVIR LINE COVER PLATE LINE	1/2M	<table border="0"> <tr> <td></td> <td>PW</td> <td>bela-sijaj</td> <td>polar white</td> <td></td> <td>SG</td> <td>zlata-mat</td> <td>sand gold</td> <td></td> <td>AT</td> <td>antracit</td> <td>anthracite</td> </tr> </table>		PW	bela-sijaj	polar white		SG	zlata-mat	sand gold		AT	antracit	anthracite																								
	PW	bela-sijaj	polar white		SG	zlata-mat	sand gold		AT	antracit	anthracite																												
OL13	OKVIR LINE COVER PLATE LINE	1/3M	<table border="0"> <tr> <td></td> <td>MW</td> <td>bela- mat</td> <td>matte white</td> <td></td> <td>NB</td> <td>črna-sijaj</td> <td>night black</td> <td></td> <td>TI</td> <td>titan</td> <td>titanium</td> </tr> </table>		MW	bela- mat	matte white		NB	črna-sijaj	night black		TI	titan	titanium																								
	MW	bela- mat	matte white		NB	črna-sijaj	night black		TI	titan	titanium																												
OL20	OKVIR LINE COVER PLATE LINE	2M	<table border="0"> <tr> <td></td> <td>IW</td> <td>bež-sijaj</td> <td>ivory white</td> <td></td> <td>IB</td> <td>modra-mat</td> <td>impulse blue</td> <td></td> <td>SW</td> <td>kamen beli</td> <td>stone white</td> </tr> <tr> <td></td> <td>ES</td> <td>srebrna-mat</td> <td>elox silver</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>SB</td> <td>črna-mat</td> <td>soft touch black</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		IW	bež-sijaj	ivory white		IB	modra-mat	impulse blue		SW	kamen beli	stone white		ES	srebrna-mat	elox silver										SB	črna-mat	soft touch black								
	IW	bež-sijaj	ivory white		IB	modra-mat	impulse blue		SW	kamen beli	stone white																												
	ES	srebrna-mat	elox silver																																				
	SB	črna-mat	soft touch black																																				



OKVIR LINE 2M



	OL20PW		OL20SG
	OL20MW		OL20NB
	OL20IW		OL20IB
	OL20ES		OL20AT
	OL20SB		OL20TI
			OL20SW

- dekorativni okvir LINE 2M
- ustreza EN 60669-1

COVER PLATE LINE 2M

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

OKVIR LINE 2x2M



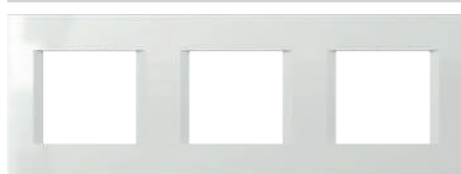
	OL24PW		OL24SG
	OL24MW		OL24NB
	OL24IW		OL24IB
	OL24ES		OL24AT
	OL24SB		OL24TI
			OL24SW

- dekorativni okvir LINE 2x2M
- horizontalna ali vertikalna vgradnja
- ustreza 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
- horizontalna ali vertikalna vgradnja
- ustreza 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



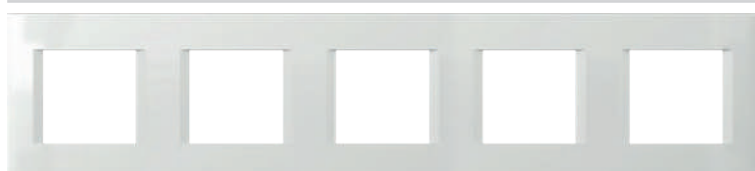
	OL28PW		OL28SG
	OL28MW		OL28NB
	OL28IW		OL28IB
	OL28ES		OL28AT
	OL28SB		OL28TI
			OL28SW

- dekorativni okvir LINE 4x2M
- horizontalna ali vertikalna vgradnja
- ustreza 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
- horizontalna ali vertikalna vgradnja
- ustreza 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
- ustreza EN 60669-1

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

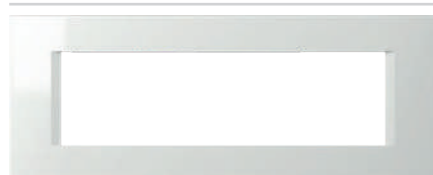


	OL40PW		OL40SG
	OL40MW		OL40NB
	OL40IW		OL40IB
	OL40ES		OL40AT
	OL40SB		OL40TI
			OL40SW

OKVIR LINE 4M

- dekorativni okvir LINE 4M
- ustreza 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
- ustreza 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
- ustreza 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
- ustreza EN 60669-1

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

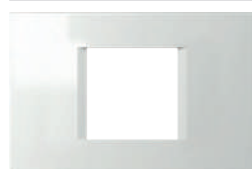


	OL13PW		OL13SG
	OL13MW		OL13NB
	OL13IW		OL13IB
	OL13ES		OL13AT
	OL13SB		OL13TI
			OL13SW

OKVIR LINE 1/3M

- dekorativni okvir LINE 1/3M
- ustreza 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
- ustreza EN 60669-1

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

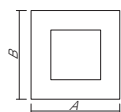
F R A M E S



MODUL
LINE
A x B

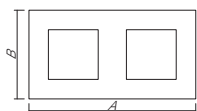


2M



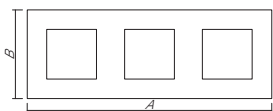
80 x 80 mm

2x2M



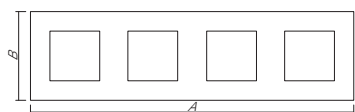
151 x 80 mm

3x2M



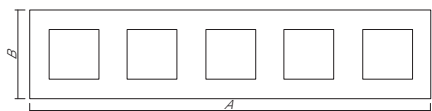
222 x 80 mm

4x2M



293 x 80 mm

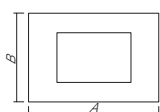
5x2M



364,1 x 80 mm

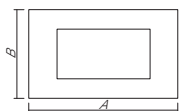


3M



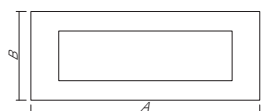
122 x 80 mm

4M



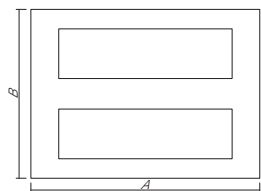
149 x 80 mm

7M



207 x 80 mm

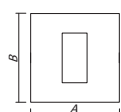
2x7M



215 x 159 mm

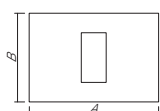


1/2M



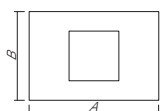
80 x 80 mm

1/3M

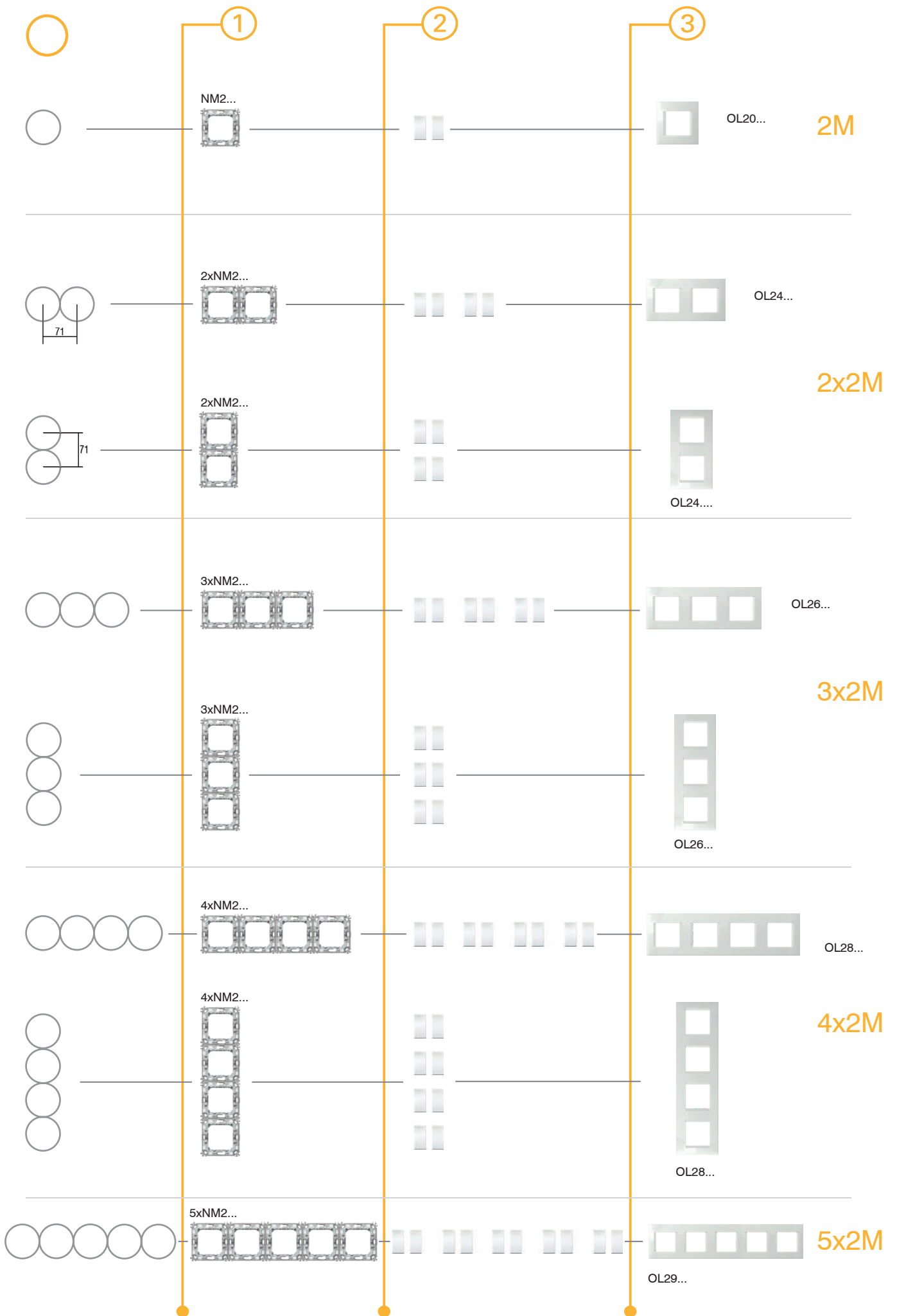


122 x 80 mm

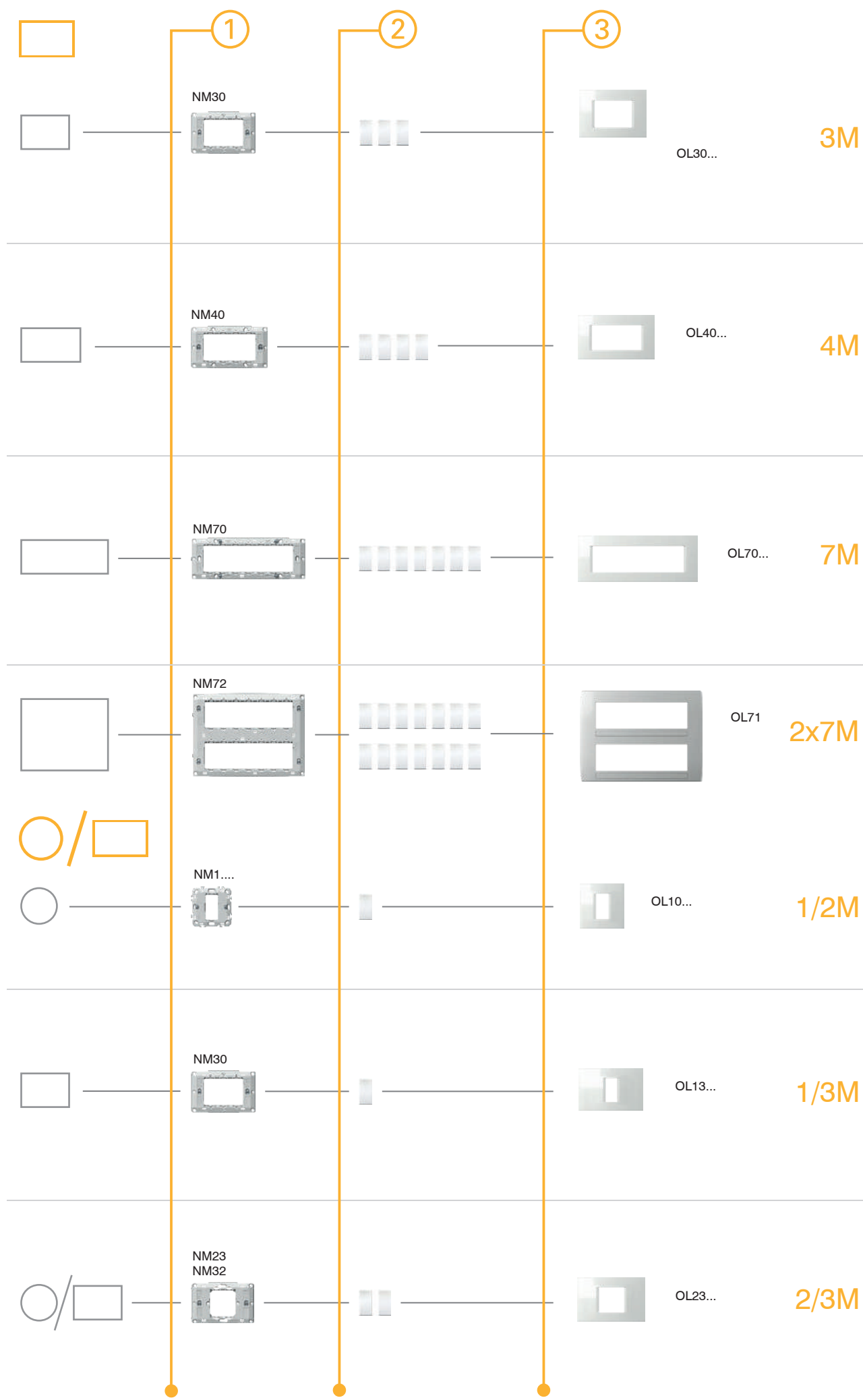
2/3M

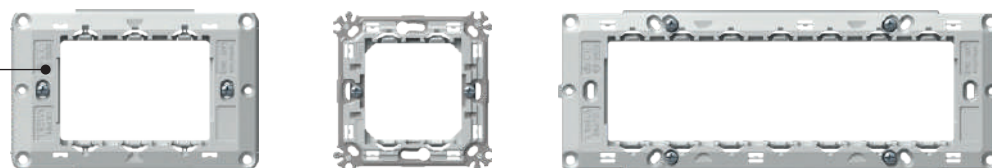


122 x 80 mm



COMBINATIONS



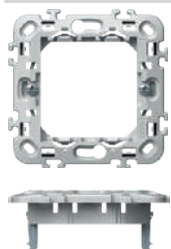


NM30

tip type	naziv description	velikost size
NM10	NOSILEC S KREPELJCI MOUNTING FRAME WITH CLAWS	1/2M
NM11	NOSILEC BREZ VIJAKOV MOUNTING FRAME WITHOUT SCREWS	1/2M
NM20	NOSILEC S KREPELJCI MOUNTING FRAME WITH CLAWS	2M
...



NOSILEC S KREPELJCI 2M

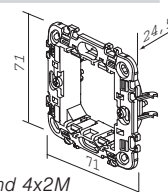


NM20

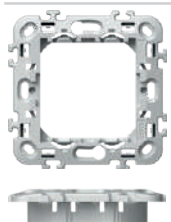
- nosilec 2M s krempeljci
- montaža v doze Ø60 (DE...) s krempeljci
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji LINE in SOFT
- ustreza EN 60669-1

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



NOSILEC BREZ VIJAKOV 2M

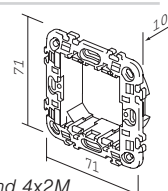


NM21

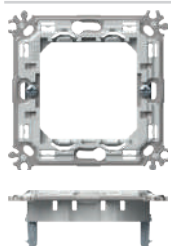
- nosilec 2M brez vijakov in brez krempeljcev
- montaža v doze Ø60 (HE..., BE...) z vijaki
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji LINE in SOFT
- ustreza EN 60669-1

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



NOSILEC KOVINSKI S KREPELJCI 2M

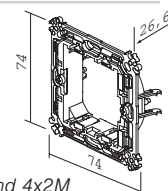


NM24

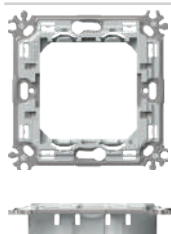
- kovinski nosilec 2M s krempeljci - toga izvedba
- montaža v doze Ø60 (DE...) s krempeljci
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza EN 60669-1

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



NOSILEC KOVINSKI BREZ VIJAKOV 2M

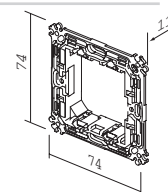


NM25

- kovinski nosilec brez vijakov in brez krempeljcev - toga izvedba
- montaža v doze Ø60 (HE..., BE...) z vijaki
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza 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>NOSILEC S KREPELJCI 1/2M</p> <ul style="list-style-type: none"> - nosilec 1/2M s krepeljci - montaža v doze Ø60 (DE..) s krepeljci - primeren za sestavo z okvirji LINE in SOFT - ustreza EN 60669-1 	
	NM11	<p>NOSILEC BREZ VIJAKOV 1/2M</p> <ul style="list-style-type: none"> - nosilec 1/2M brez vijakov in brez krepeljcev - montaža v doze Ø60 (HE., BE..) z vijaki - primeren za sestavo z okvirji LINE in SOFT - ustreza EN 60669-1 	
	NM23	<p>NOSILEC S KREPELJCI 2/3M</p> <ul style="list-style-type: none"> - nosilec 2/3M s krepeljci - montaža v doze Ø60 (DE..) s krepeljci - primeren za sestavo z okvirji PURE, LINE in SOFT - ustreza EN 60669-1 	

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



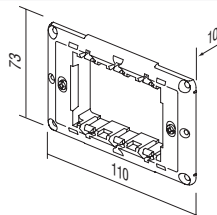
NM30

NOSILEC Z VIJAKI 3M

- nosilec 3M z vijaki
- montaža v pravokotne doze velikosti 3M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza 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



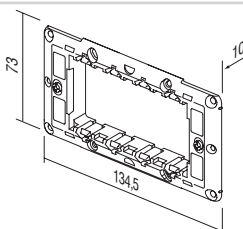
NM40

NOSILEC Z VIJAKI 4M

- nosilec 4M z vijaki
- montaža v pravokotne doze velikosti 4M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza 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



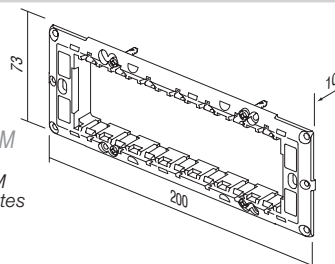
NM70

NOSILEC Z VIJAKI 7M

- nosilec 7M z vijaki
- montaža v pravokotne doze velikosti 7M
- primeren za sestavo z okvirji 2x 7M
- ustreza 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



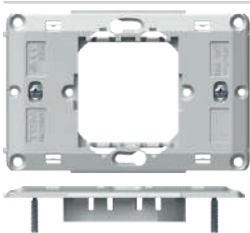
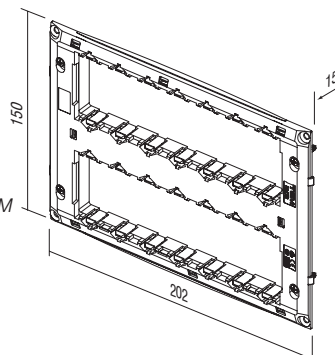
NM72

NOSILEC Z VIJAKI 2x7M

- nosilec 2x7M z vijaki
- montaža v pravokotne doze velikosti 2x7M
- primeren za sestavo z okvirji 2x7M
- ustreza 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



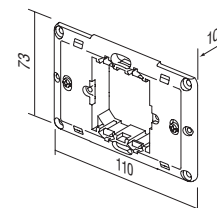
NM32

NOSILEC Z VIJAKI 2/3M

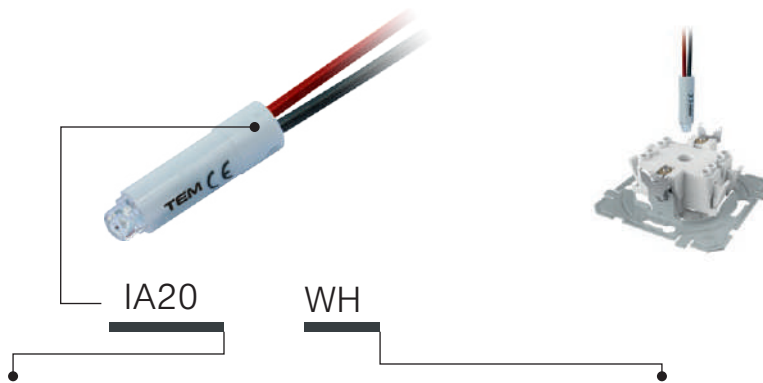
- nosilec 2/3M z vijaki
- montaža v pravokotne doze velikosti 3M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza EN 60669-1

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



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



tip type	naziv description	tehnični opis technical data	barva colour
IA10	TLIVKA NEON LAMP	230V~ 0,34W	<input type="checkbox"/> WH bela white
IA20	LED SIGNALIZACIJA LED SIGNALLING UNIT	230V~ 0,40W	<input checked="" type="checkbox"/> BL modra blue
IA21	LED SIGNALIZACIJA LED SIGNALLING UNIT	24V AC/DC 0,20W	<input checked="" type="checkbox"/> RD rdeča red
.	.	.	<input checked="" type="checkbox"/> GR zelena green
.	.	.	<input checked="" type="checkbox"/> OR oranžna orange

TLIVKA 230V~ 0,34W


 IA10OR

- za indikacijo, signalizacijo ali stalno signalizacijo stikala
- v kombinaciji s tipko z indikatorjem

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 indikacijo, signalizacijo ali stalno signalizacijo stikala
- v kombinaciji s tipko z indikatorjem

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 indikacijo, signalizacijo ali stalno signalizacijo stikala
- v kombinaciji s tipko z indikatorjem

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

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

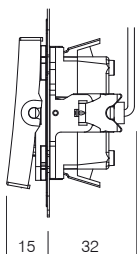
LED SIGNALIZACIJA 12V AC/DC 0,10W


 IA22WH
 IA22RD

- za indikacijo, signalizacijo ali stalno signalizacijo stikala
- v kombinaciji s tipko z indikatorjem

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

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



15 32





TEM

On/Off and everything in between

100% ELEKTRIČEN

www.tem.si



TEM

On/Off and everything in between



www



TEM

TEM ČATEŽ d.o.o.
Čatež 13, 8212 VELIKA LOKA
SLOVENIJA
tem@tem.si
www.tem.si

T +386(0)7 348 99 00

TEM

SLO

www.tem.si

