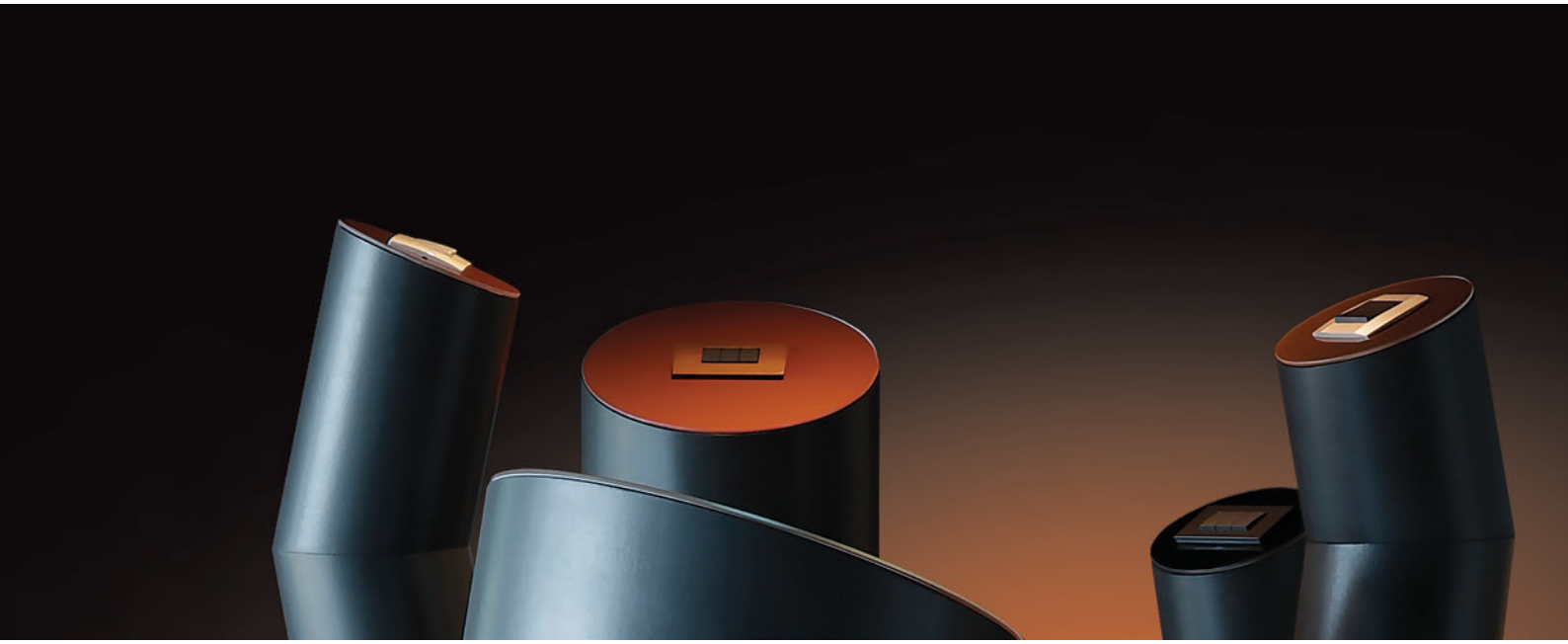
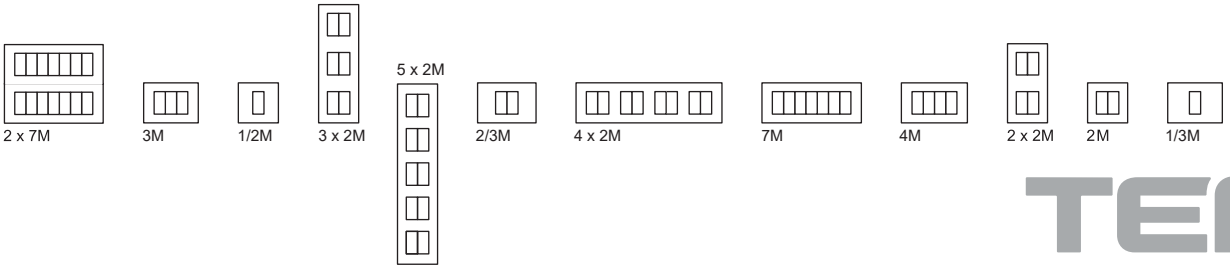
TEM



touching completeness



TEM

Dobrodošli v družini MODUL

Welcome to the MODUL family

Za vas dopolnjujemo in izpopolnjujemo
sodobno družino stikal Modul za vse vrste vaših prostorov.

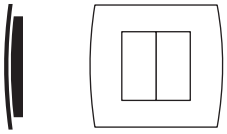
We are expanding and perfecting the modern
Modul switch family for all types of rooms.

odkrivamo nove poglede

MODUL

Oblikovne linije Pure, Line in Soft so odraz sodobnega, prefinjenega in individualnega življenjskega stila. Iz široke in bogate palete barv, vzorcev in oblik lahko svoja stikala in vtičnice kadarkoli preprosto prilagodite želenemu ambientu in razpoloženju.

The Pure, Line and Soft design lines reflect a modern, sophisticated and independent lifestyle. You can choose from a wide and rich selection of colours, patterns and shapes to alter the appearance of your switches and sockets so that they fit the desired atmosphere and mood.



line

soft

ravne linije
straight lines

mehke linije
soft lines

PURE

čudovito bivanje

wonderful living

Iz čistih, neomadeževanih podob na novo rojenega sveta je vzklila zgodba Pure. Dotik naravnih motivov smo prepletli s prefinjenim okusom za linije in obliko ter vtkali niti vrhunske tehnologije.

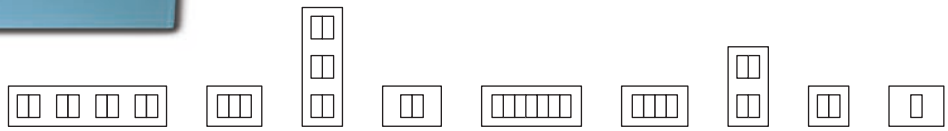
From the cleanliness and purity of a new-born world stems the story of the Pure line. The touch of natural motifs is intertwined with a sophisticated taste for lines and form and interwoven with threads of state-of-the-art technology.

PURE

občutek narave
feeling of nature

Linijo stikal Pure odlikujejo naravni materiali: kovina, les, steklo. Poseben dotik se izraža skozi edinstveno obliko. Je opazen, a hkrati nevsiljiv. Izžareva čutnost, prefinjenost, merila visokega standarda in seveda čistost.

The Pure switch line is distinguished by its natural materials: metal, wood and glass. Its unique design gives it a special touch. It is striking yet unobtrusive. It radiates sensuality, sophistication, high standards and, of course, cleanliness.



line

harmonija ravnih oblik

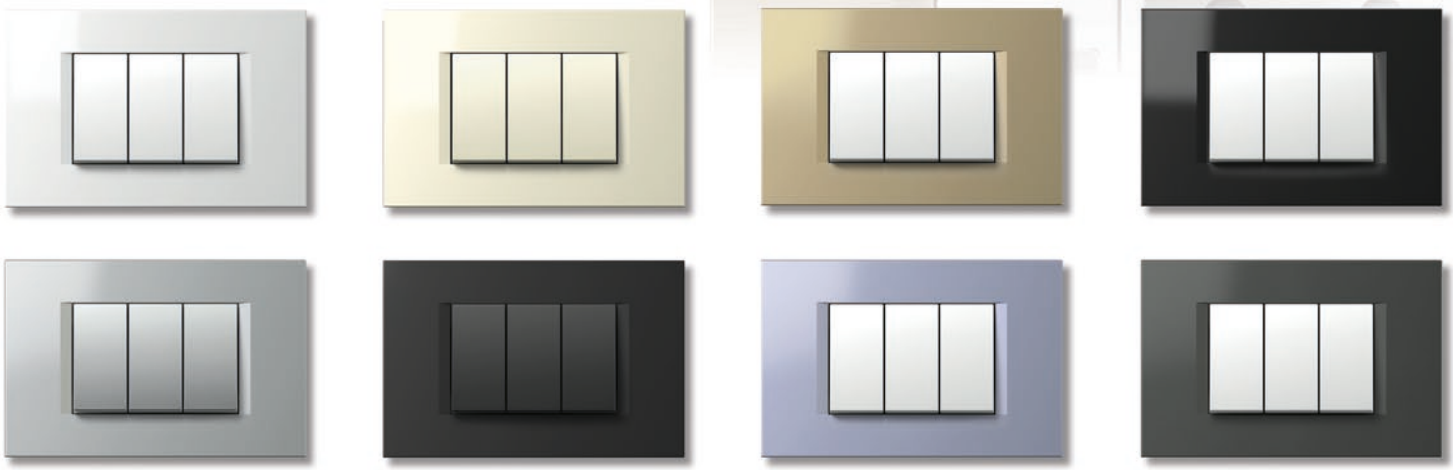
harmony of straight lines

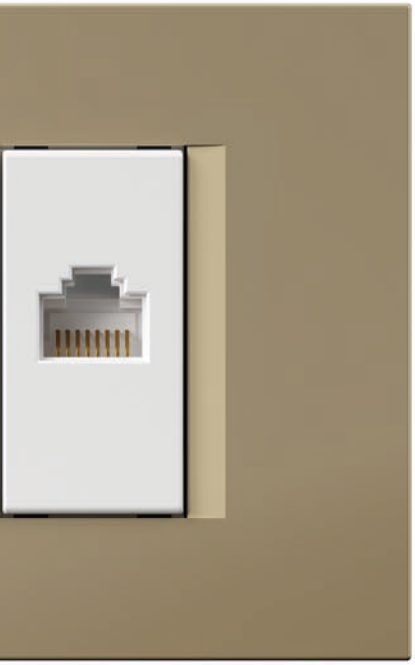
Pripravite se na elegantno popolnost ravnih oblik. Preizkusite sijajnost površin, ki se nežno poigravajo z modernimi elementi vašega prostora. Posebej za vas smo vgradili tehnologijo Soft Touch, da je vsak vaš dotik posebno doživetje.

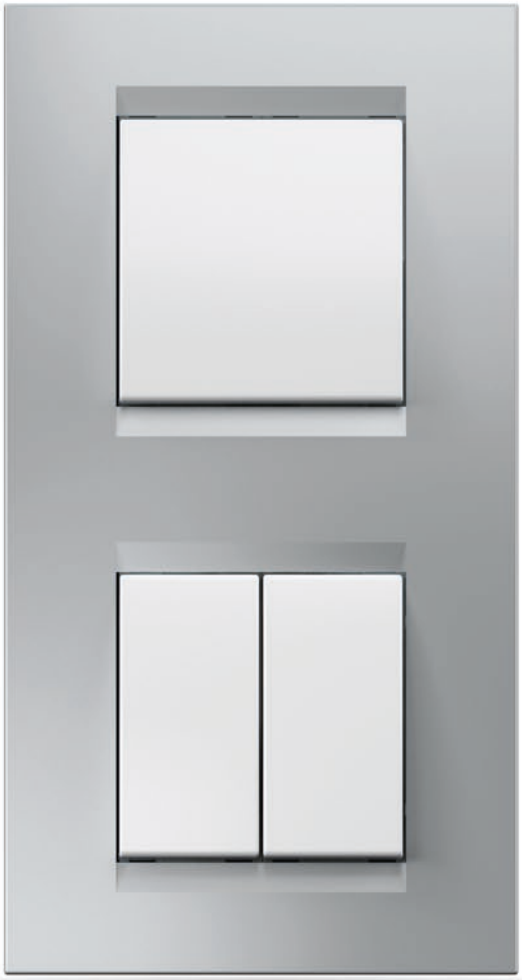
Prepare for the elegant perfection of straight shapes. Try brilliant surfaces that gently play with modern elements of your room. We have incorporated “Soft Touch” technology especially for you, turning every touch into a unique experience.

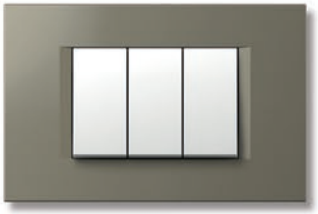
PHILIPS

line





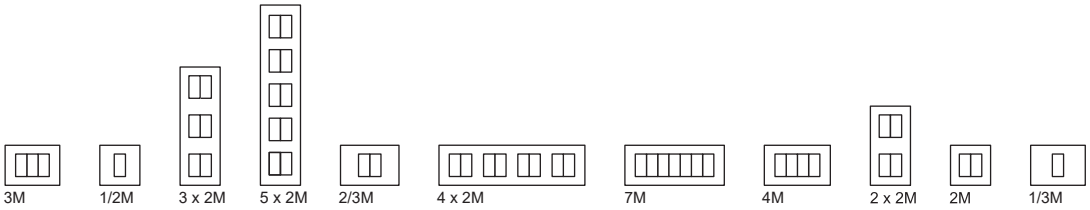




sodoben dizajn
modern design

Čiste, ravne linije ustvarjajo brezčasen dizajn.
Popoln, ravno oblikovan tanek profil in ergonomija mehkega dotika dajeta vrhunski videz z vseh strani.

Its straight, smooth lines make for a timeless design.
Its perfectly straight, sleek profile and soft-touch ergonomics give it an amazingly elegant appearance from all angles.



soft

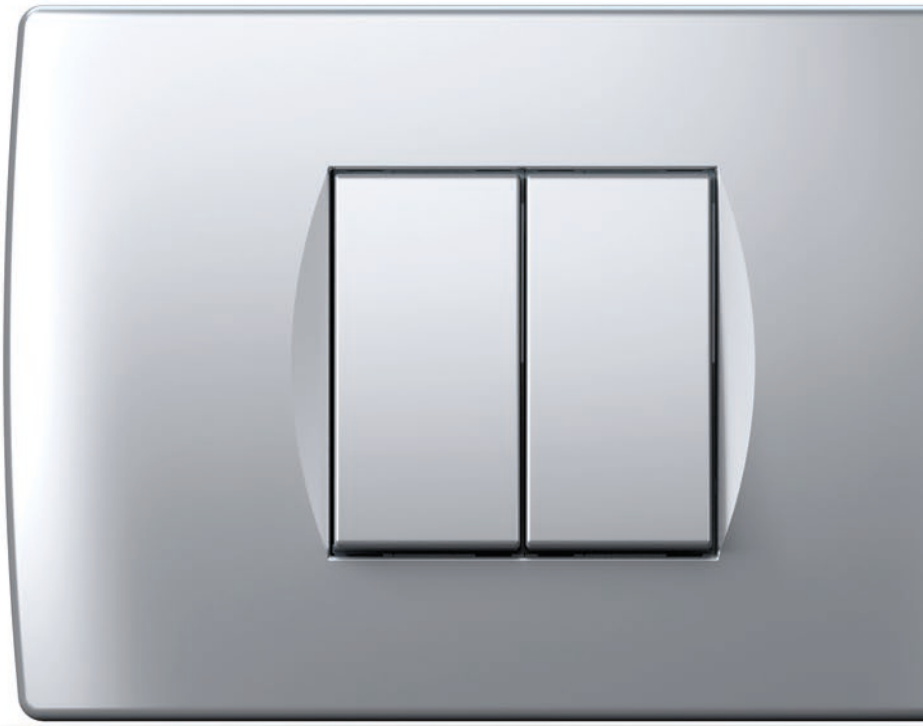
mehkoba v vašem domu

softness in your home

Dovolite, da zaobljene oblike in nežni prehodi prinesejo mehkobo v vaš dom.

Let the rounded shapes and soft transitions bring softness into your home.

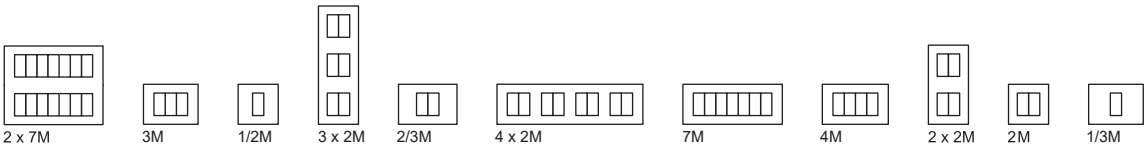
soft



toplina doma
a warm home

Popolnost mehke oblike smo nadgradili s subtilnim izborom barv in posebnimi nanosi, ki jih čutite ob dotiku.

Perfectly soft shapes rounded off by a subtle selection of colours and special coatings for a special touch.



antracit
anthracite

Dodajamo dve barvni izkušnji – ANTRACIT in TITAN. Obe zadovoljita vaš prefinjen čut za estetiko in dopolnita detajle prostorov po vaši meri. Kot naročeni lahko v harmoniji nadgradita vaše sodobno trendovsko stanovanje.

We are adding two colour experiences to our range – ANTHRACITE and TITANIUM. They both satisfy our customer's sophisticated sense of style and complement the details of spaces according to their wishes. Now you can upgrade your modern apartment in harmony.

trend barve
trendy colours

titan
titanium

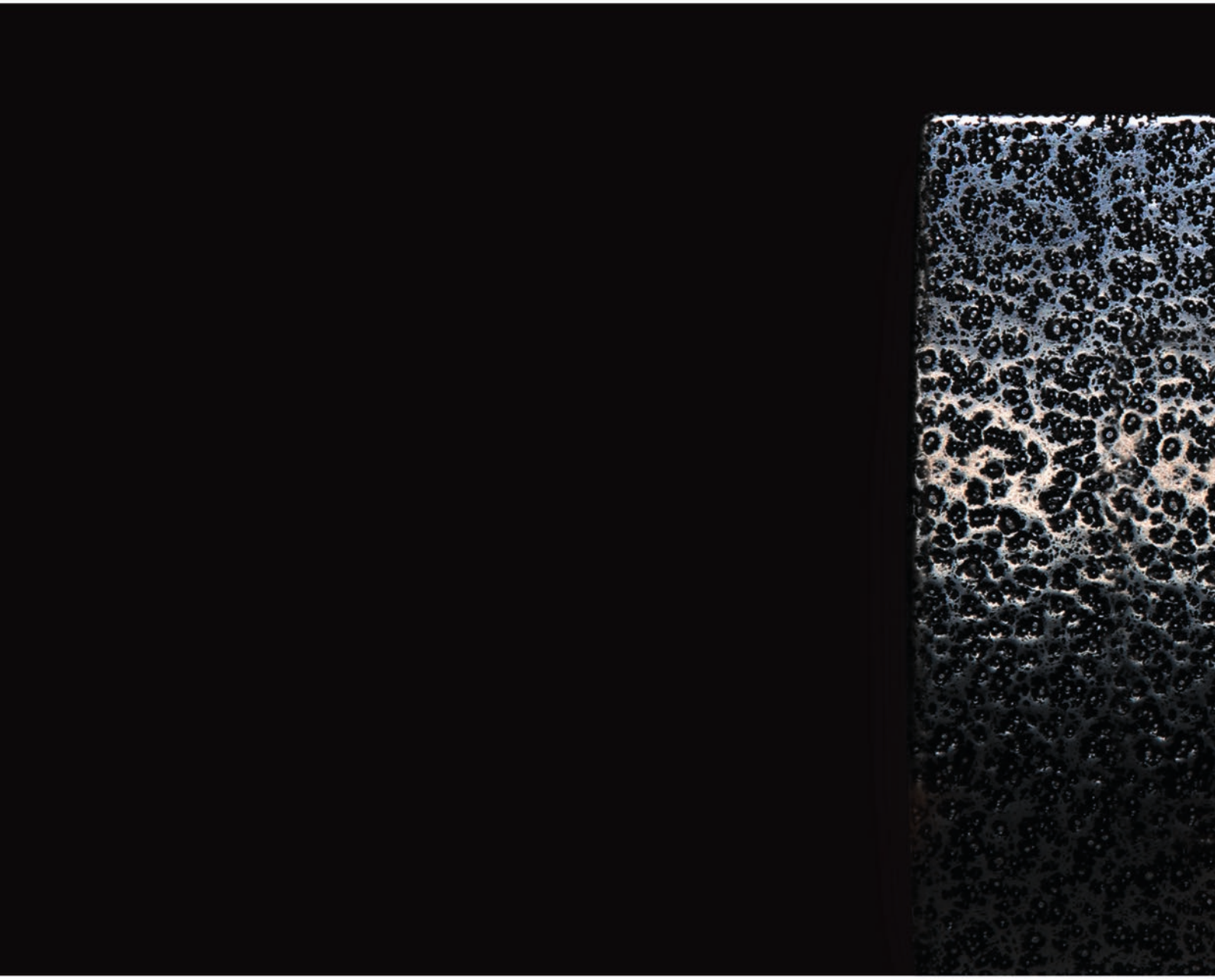
multiuporabnost
multifunctionality

estetika
aesthetics

Pripravili smo vam večje okvirje, ki omogočajo upravljanje več funkcij z enega mesta. Na voljo so v družinah LINE, SOFT in PURE. Pri naravnih materialih okvirjev se ta repeticija še toliko bolj izraža na visokem estetskem nivoju.

We have created larger cover plates for you that allow you to manage multiple functions from one spot. They are available in the LINE, SOFT and PURE design ranges. The cover plates, which are made from natural materials, utilise the repetition of design elements to elevate them to a high aesthetic level.

univerzalni zatemnilnik
universal dimmer



možnost nastavitve različne jakosti osvetlitve

adjustable light intensity

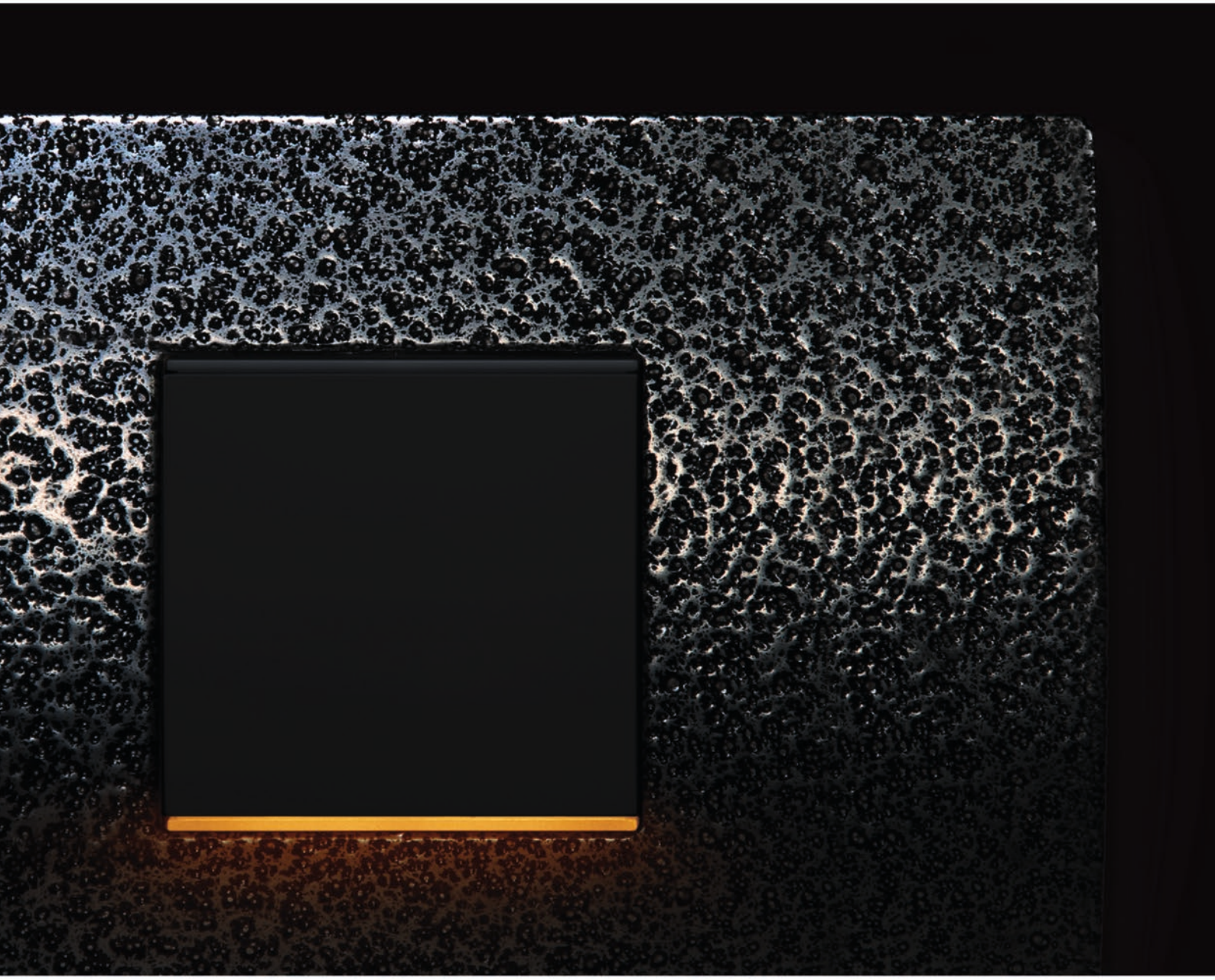
možnost izbire različnih barv osvetlitve

choosing illumination colour

V temi postane Touch nežna, ambientalna lučka, ki označuje mesto stikala in blago razsvetljuje prostor. Izberete lahko eno od osmih različnih barv nežne svetlobe, katerih svetlost lahko kadarkoli poljubno prilagodite svojemu razpoloženju.

In the dark Touch becomes a tender soft ambient light. It marks the spot of a switch and gently illuminates a place. You can choose among eight different colours of tender light and adapt its brightness according to your mood.

TOUCH®



svetloba, kot še nikoli
light as never seen before

Pridušena svetloba ustvarja ozračje miru, pa tudi čutnosti in romantike. Je zaščitni znak romantičnih lokalov in mirnih poznovečernih ur doma ali v delovnem prostoru. Mehak, podaljšan vklop ne podaljšuje le življenjske dobe sijalke, ampak tudi veliko prijazneje in počasneje zamenja temo s svetlobo. Touch omogoča, da zatemnite svetlobo kjerkoli, ne glede na tip sijalke ali žarnice.

A dimmed light makes peaceful, sensual and romantic atmosphere. It is a trade mark of romantic places and quiet late evening hours spent at home or at work. Switching is soft and extended. It does not only prolong the lamp life expectancy, but also changes darkness into light in a slower and much more pleasant way. Touch enables you to dim the light anywhere, regardless of the type of lamps.

multimedija
multimedia

vse na enem mestu
everything in one place

Vaša hiša je postala središče življenja. Množica vseh naprav zahteva številne priključke in vtičnice. Sestavite si svoj multimedijski center, ki vam nudi možnost priključitve in upravljanja več različnih komponent na enem mestu.

Your house is the centre of your life. The multitude of devices you use requires a number of connectors and sockets. Create your own multimedia centre, one that will allow you to connect and use a multiple number of different components in one place.

inovativen krmilnik temperature
innovative temperature controller

Poskrbite za svoje udobje in s pametnim termostatom upravljajte temperaturo bivalnih in delovnih prostorov v vseh letnih časih. Upravljate lahko naprave gretja in hlajenja z možnostjo ekonomičnega delovanja.

Make yourself comfortable by controlling the temperature in your living and working rooms during all seasons with a smart thermostat. It allows you to control heating and cooling devices and features an eco-function.

udobje prostora
comfort in your room

udobje uporabe
convenience of use

TOUCHLESS-brez dotika

Brezdotično stikalo vam omogoča sodoben način življenja, saj svetila lahko prižigate in ugašate, ne da bi se dotaknili stikala. Ta možnost je zelo uporabna, če imate polne ali umazane roke, saj lahko luč prižgete brez dotika.

The touchless switch allows you to enjoy a modern lifestyle, enabling the turning on and off of your lights, without the need for physical interaction. This option is very useful when you find yourself with your hands full, or dirty, as you can achieve the desired lighting without undue fuss.

sodobna osvetlitev
modern illumination

3D svetilka

3D lamp

Hiter tempo življenja prinaša množico informacij. 3D barvna svetilka je elegantna rešitev za označevanje, usmerjanje in sporočanje. Grafiko izdelamo po vaši želji.

The rapid pace of life means you are constantly being bombarded with a plenty of information. 3D colour lamp provide an elegant solution for information and direction signs. We can make graphics according to your wishes.

BIOPASS - odklepanje brez ključev

BIOPASS – keyless unlocking

BIOPASS je nova generacija stikala za odklepanje brez ključev. Združuje napredno tehnologijo prepoznavanja prstnih odtisov in hitrega odpiranja vhodnih vrat.
Samo položite svoj prst na stikalo Biopass in vrata vašega doma ali pisarne se bodo odprla. Tako enostavno in tako zelo varno. Upravljate ga enostavno prek mobilne aplikacije.

BIOPASS is the new generation of switches for keyless unlocking. It combines advanced fingerprint recognition technology with quick front door opening.
Simply put your finger on the Biopass switch and the doors to your home or office will open. It is so easy to use and incredibly secure. You can manage it effortlessly via the mobile app.

povečana varnost
improved security

individualnost
individuality

naredite si svojega
make it your own

Bodite drugačni. Zaželite si stikala po vaši meri. Izbirajte med različnimi barvami okvirjev, lahko vam jih okrasimo s poljubnimi grafikami in napisi. Izberite barvo osvetlitve, ki ustreza vašemu ambientu.

Be different. Make a switch according to your taste. You can choose between different frame colours and we can decorate them for you with custom graphics or signs. Choose a illumination colour that suits the ambience of your room.

primerno za javno uporabo
suitable for public use

kakovost in trpežnost
quality and durability

Kakovostni in trpežni materiali zagotavljajo dolgo življenjsko dobo modularnih stikal in vtičnic MODUL. Sistem je zato primeren za vgradnjo in brezskrbno uporabo v javnih ustanovah, poslovnih zgradbah, turističnih nastanitvah, trgovskih centrih, šolah in športnih objektih. Prilagodi se tako sodobni arhitekturi kot klasičnim interierjem.

Quality and durable materials ensure the long lifetime of the MODUL modular switches and sockets. The system is suitable for mounting and carefree use in public facilities, business premises, tourist accommodation, shopping centres, schools and sports facilities. It fits perfectly in both modern architecture and classical interiors.

zmogljivi USB polnilniki
powerful USB chargers

Z zmogljivimi USB polnilniki Modul boste hitro in enostavno napolnili pametne telefone, tablične računalnike in ostale e-naprave prek standardnega USB priključka. Na voljo so v velikostih 1M in 2M. Idealni so tako za uporabo v zasebnih kot javnih prostorih.

The powerful Modul USB chargers enable the fast and simple charging of your smartphones, tablets and other electronic devices via a standard USB connection. They are available in 1M and 2M sizes and are perfect for use in private and public rooms.

hitro polnjenje
fast charging

sodobno delovno okolje
a modern working environment

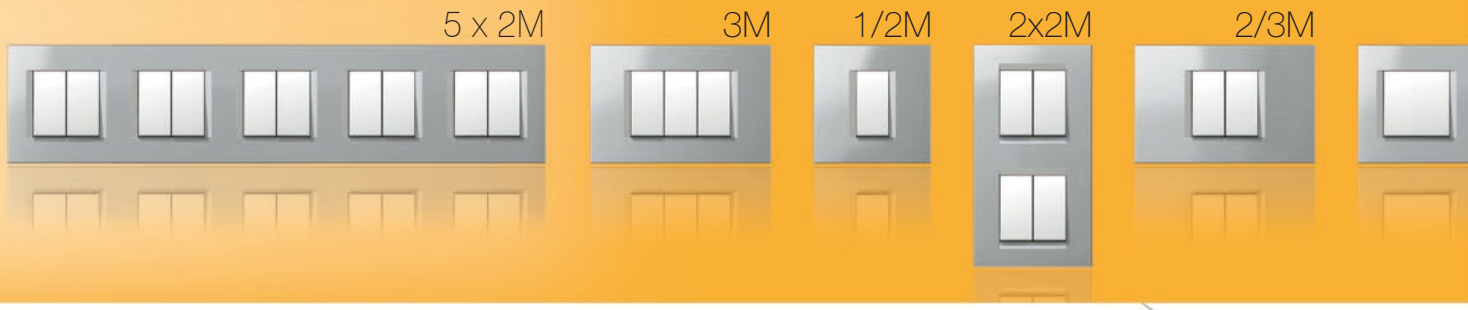
estetski aluminijasti kanali

aesthetic aluminium trunkings

Poskrbite za urejenost pisarniških, šolskih in delovnih prostorov. Znebite se vidnih kablov in nerodnih podaljškov. Elegantni aluminijasti kanali modernega videza nudijo veliko prostora za elektroinštalacije. Stikala, vtičnice in komunikacijski priključki so hitro dostopni in na voljo tam, kjer jih potrebujete. Enostavno jih lahko spremenite ali naknadno dodate nove. Ustvarite si prijetno funkcionalno okolje.

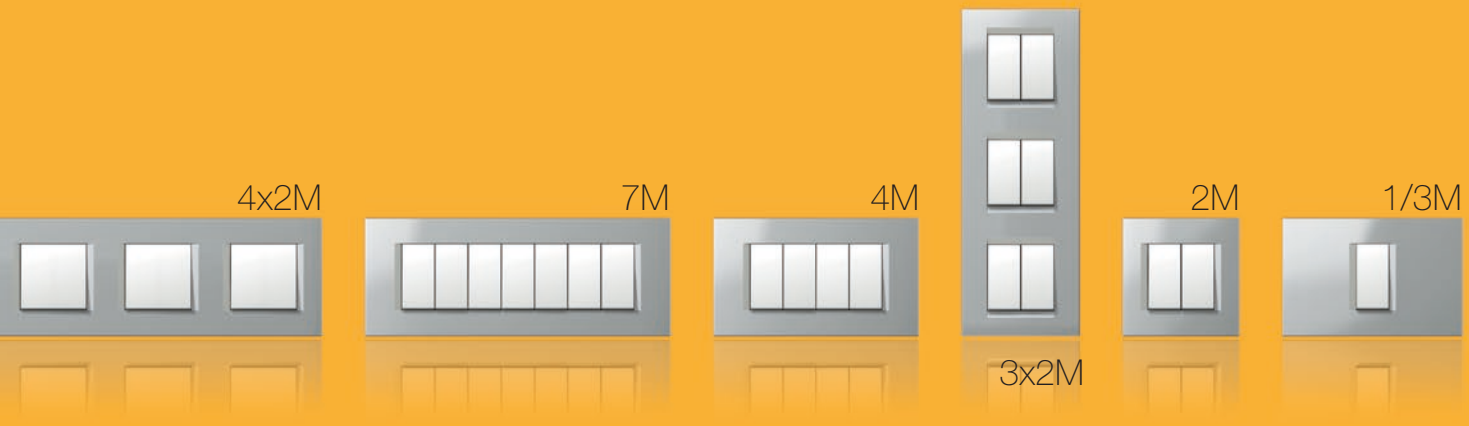
Organise your office, school and work areas. Forget visible cables and unpractical extensions. The elegant and modern aluminium trunkings offer plenty of space for electrical installations. Switches, sockets and communication elements are easily accessible and available in the right place to be used. They can be easily adapted or upgraded. Arrange a pleasant and functional environment for yourself.

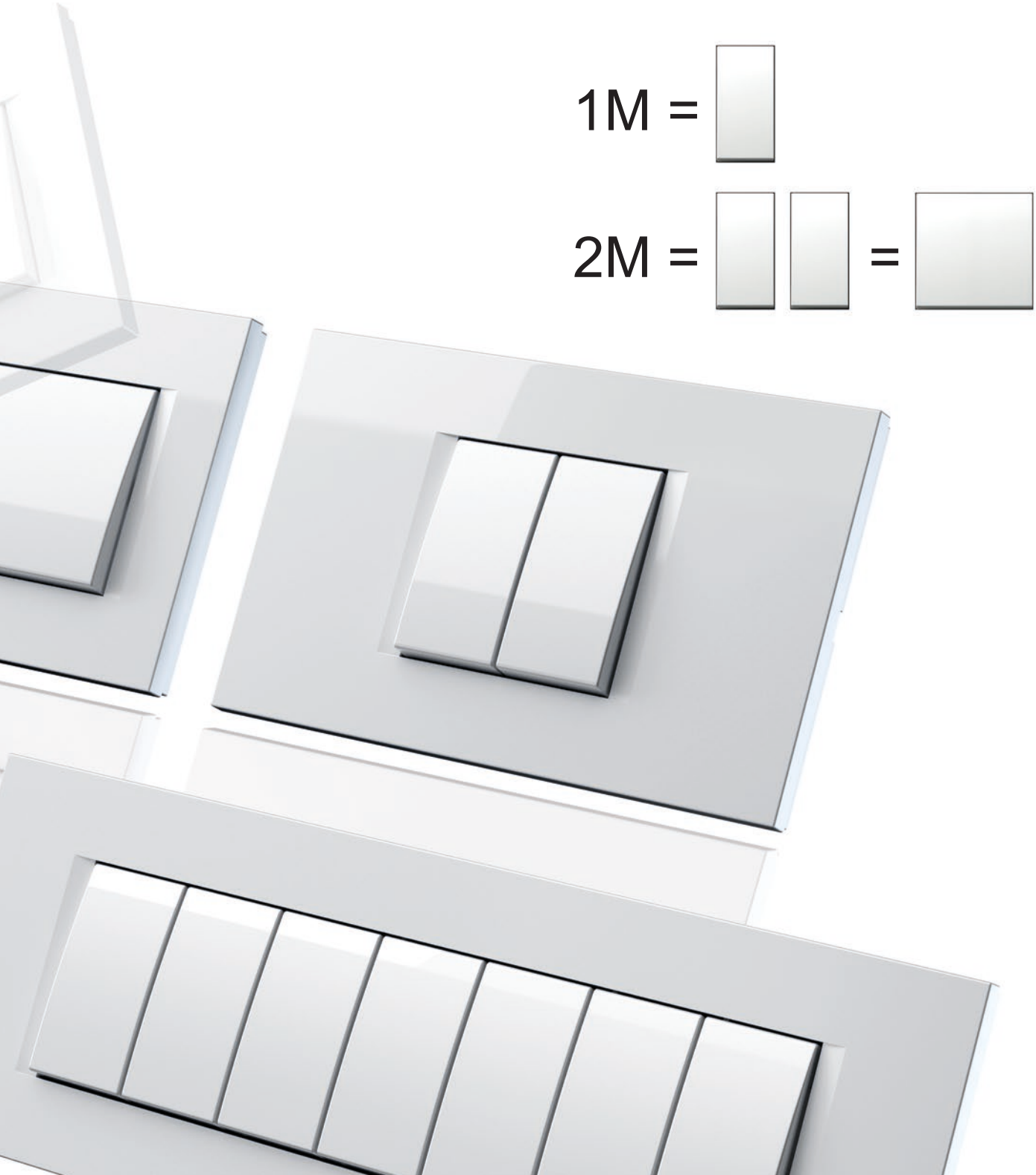
modularnost
modularity



Poskrbeli smo za celovit sistem. V njem najdete vse elemente za poljuben sestav.
Osnovni elementi sistema so moduli.
Kombinirate jih lahko vodoravno ali navpično.

We have designed a comprehensive system that features a variety of elements, allowing you to create any configuration you wish. The basic elements of the system are modular and can be combined horizontally or vertically.


4x2M
7M
4M
3x2M
2M
1/3M


1M =
2M =
=

univerzalnost
universality

Sistem odlikujeta popoln izbor elementov in enostavna vgradnja. Set stikal lahko umestite v prostor na veliko načinov, naj bo doza okrogla ali pravokotna, samostojna ali v nizu.

The system features a comprehensive selection of elements and is easy to install. Switch sets can be positioned in many different ways, regardless of whether the box is round or rectangular, individual or serial.

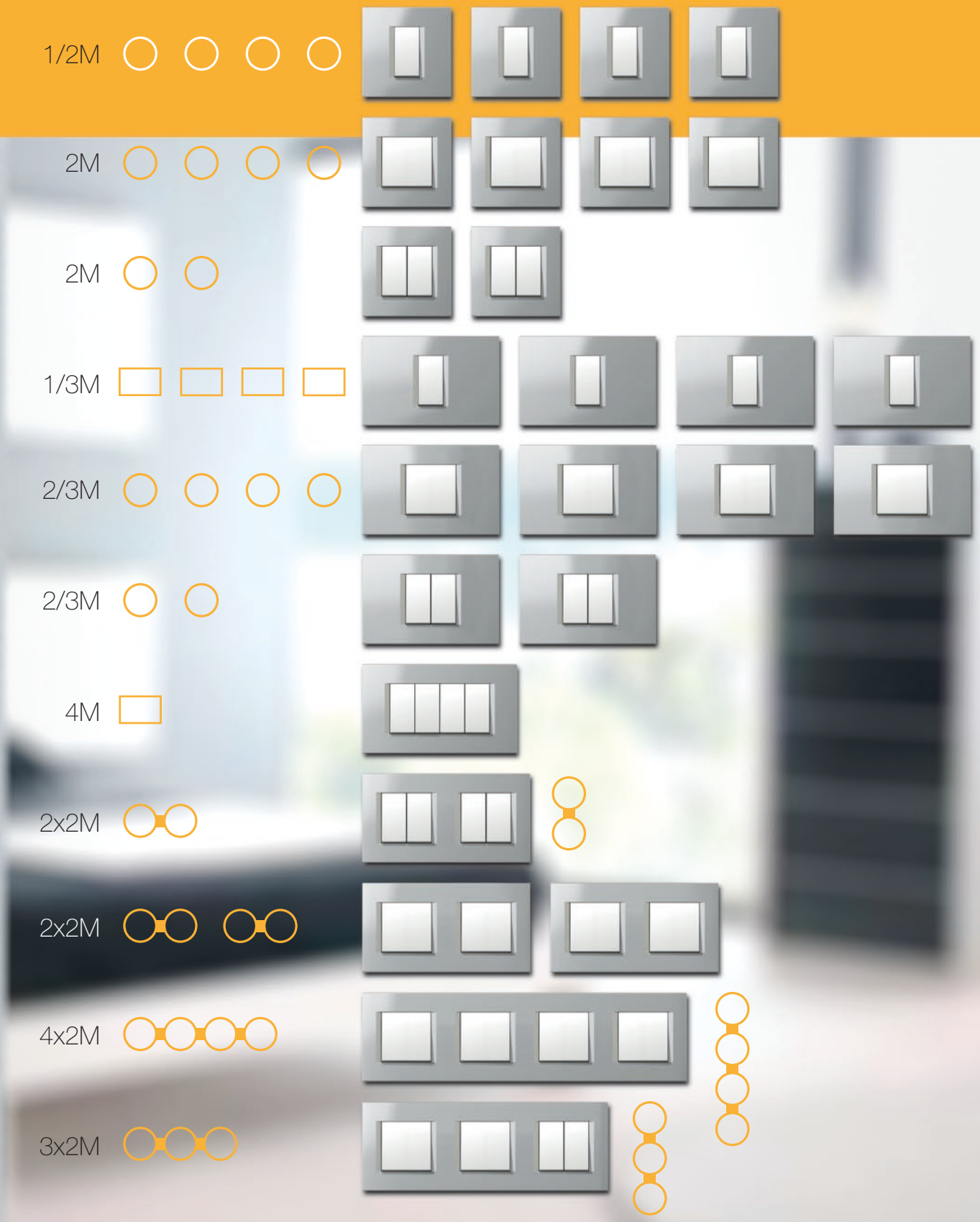
modulmanager.tem.si

Preizkusite orodje “ModulManager”, ki vam bo pomagal sestaviti poljubne kombinacije.

Try out the “ModulManager” tool, which will help you put together any combination you want.

rešitve za primer 4 stikal

solutions for 4 switches



MODUL MANAGER

enostavno in hitro / easy and fast

Download on the App Store

ANDROID APP ON Google play

konfigurator stikal in vtičnic

configurator of switches and sockets

Modul Manager vam omogoča popolno in hitro izdelavo popisa stikal z gradbišča ali domačega naslonjača. Pripravili smo vam edinstven način naročanja, ki je praktičen in hiter, na voljo imate možnost kreiranja barv stikal in oblik okvirjev, da jih lahko prilagodite vašemu prostoru ali zahtevi kupca. Preizkusite nas, potrebujete le telefon, tablico ali računalnik in http://modulmanager.tem.si.

The Modul Manager allows you to perform a complete and quick inventory of switches from the building site itself or from the comfort of your own home. We have prepared a unique ordering method, which is both practical and quick. You can select the colours of the switches, as well as the shape of the frames, meaning you can tailor them to your space or the client's demands. Why not try us out? All you need is a smartphone, a tablet, or a computer and http://modulmanager.tem.si.

funkcionalnost
functionality

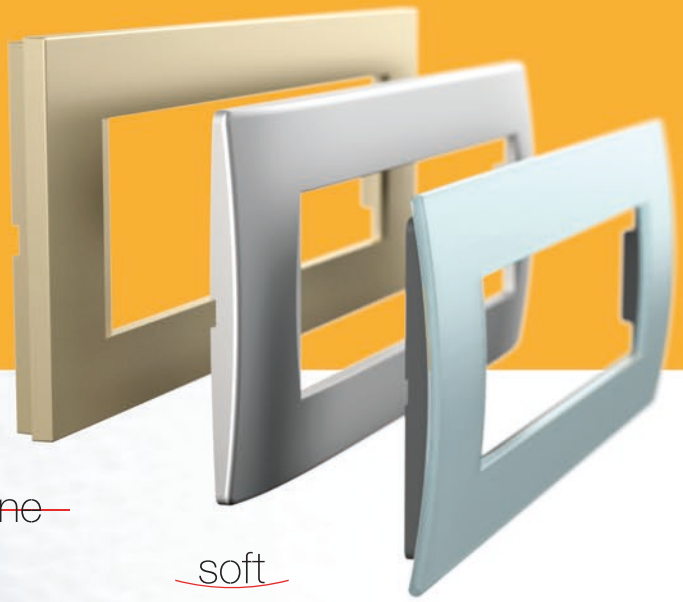
Modul smo razvili za vse, ki znate ceniti premišljeno načrtovan izdelek. Sistem potrebuje manj prostora, saj je v isti okvir možno sestaviti poljubno kombinacijo funkcijskih elementov. Primeren je za novogradnje in adaptacije.

The Modul was developed for those who can appreciate a thoughtfully designed product. The system takes up less space, as any combination of function elements can be fitted inside the same cover plate. It is suitable for new, as well as renovated buildings.

Modul Soft tudi v antibakterijski izvedbi AW.

The Modul Soft is also available in an antibacterial solution AW.

dekorativni okvirji
decorative cover plates

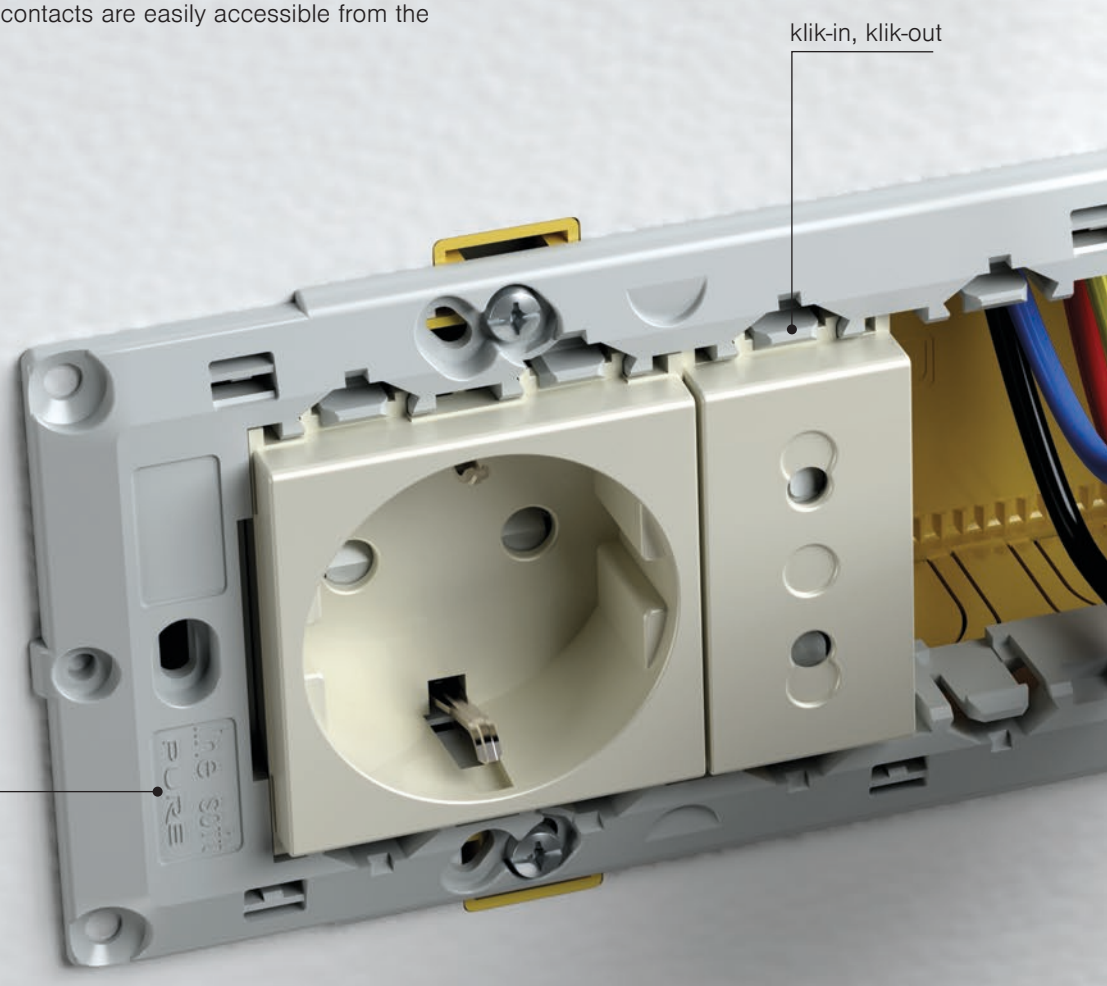


funkcijski elementi
function elements

enostavnost
simplicity

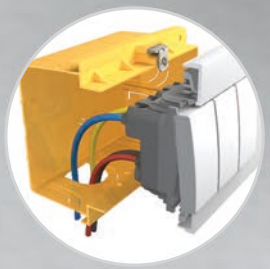
Funkcijske elemente enostavno pritrdite v nosilec. Za vas smo razvili rešitev “klik-in, klik-out”, ki vam skrajša čas montaže. Priključni kontakti so lahko dostopni s sprednje strani.

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



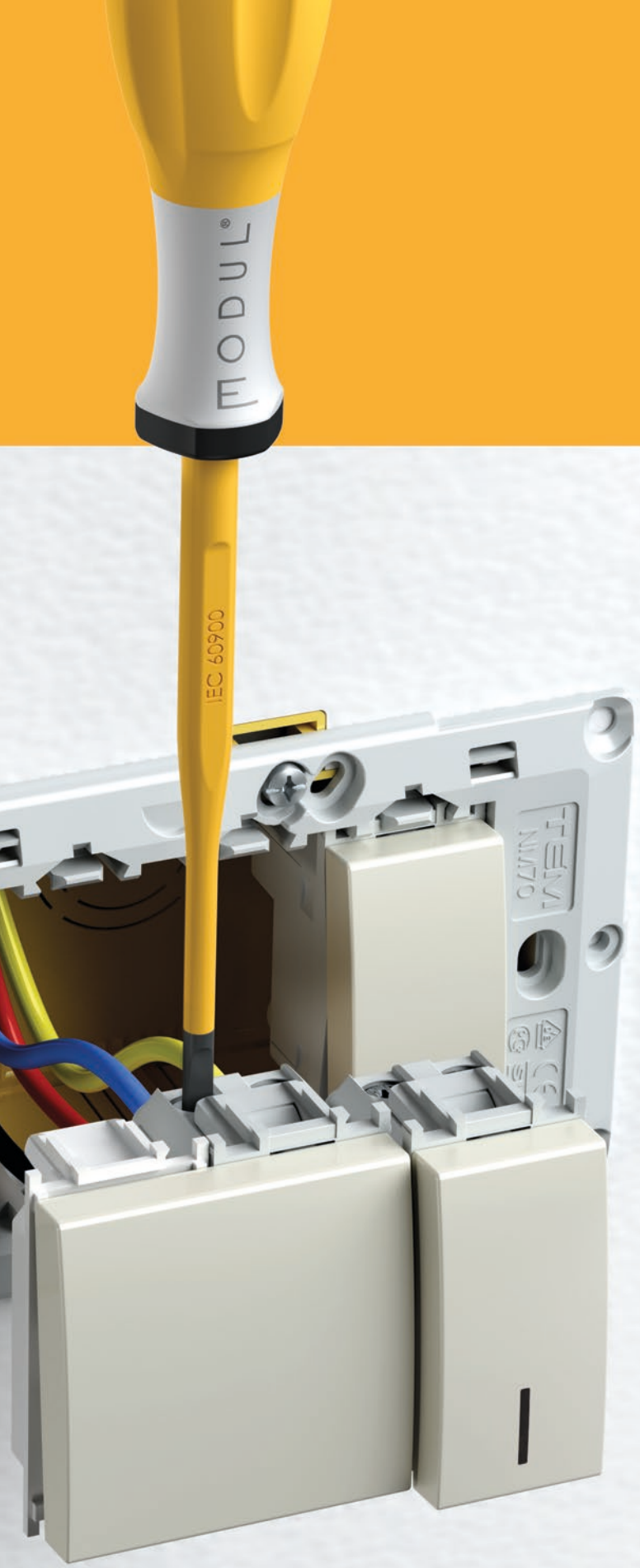
“klik-out” - enostavno in hitro, brez vijačenja.

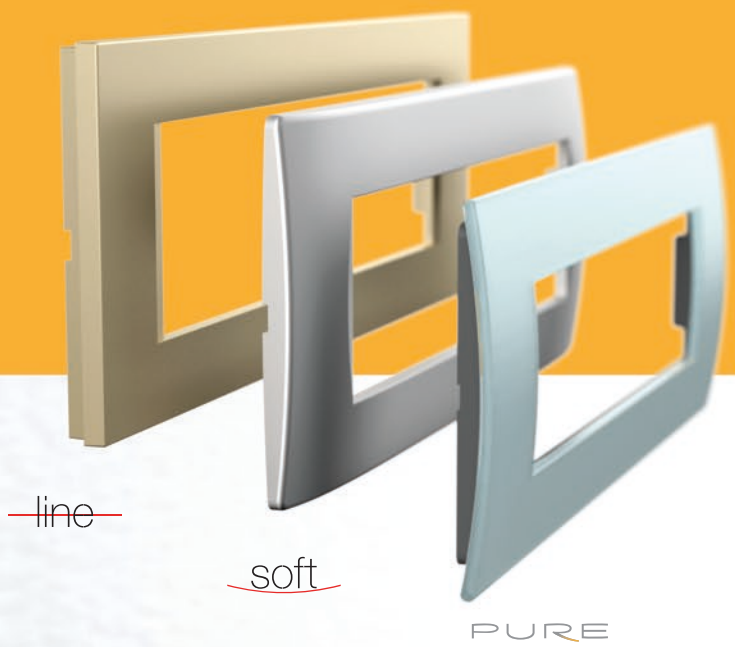
“klik-out” - simple and quick, no screws necessary.

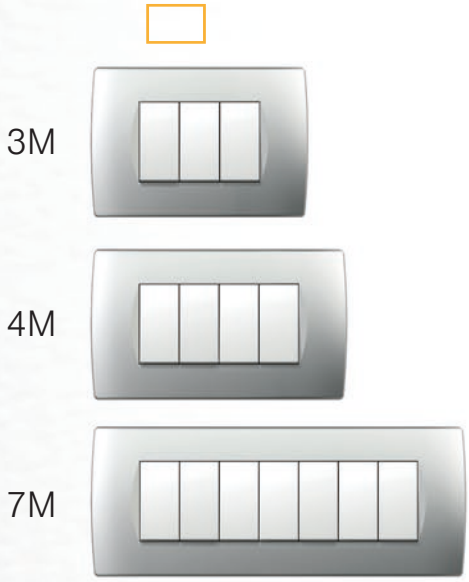


V pravokotnih dozah je več prostora za priključne vodnike.

Rectangular boxes have more space for connection wires.


EODUL®
IEC 60900

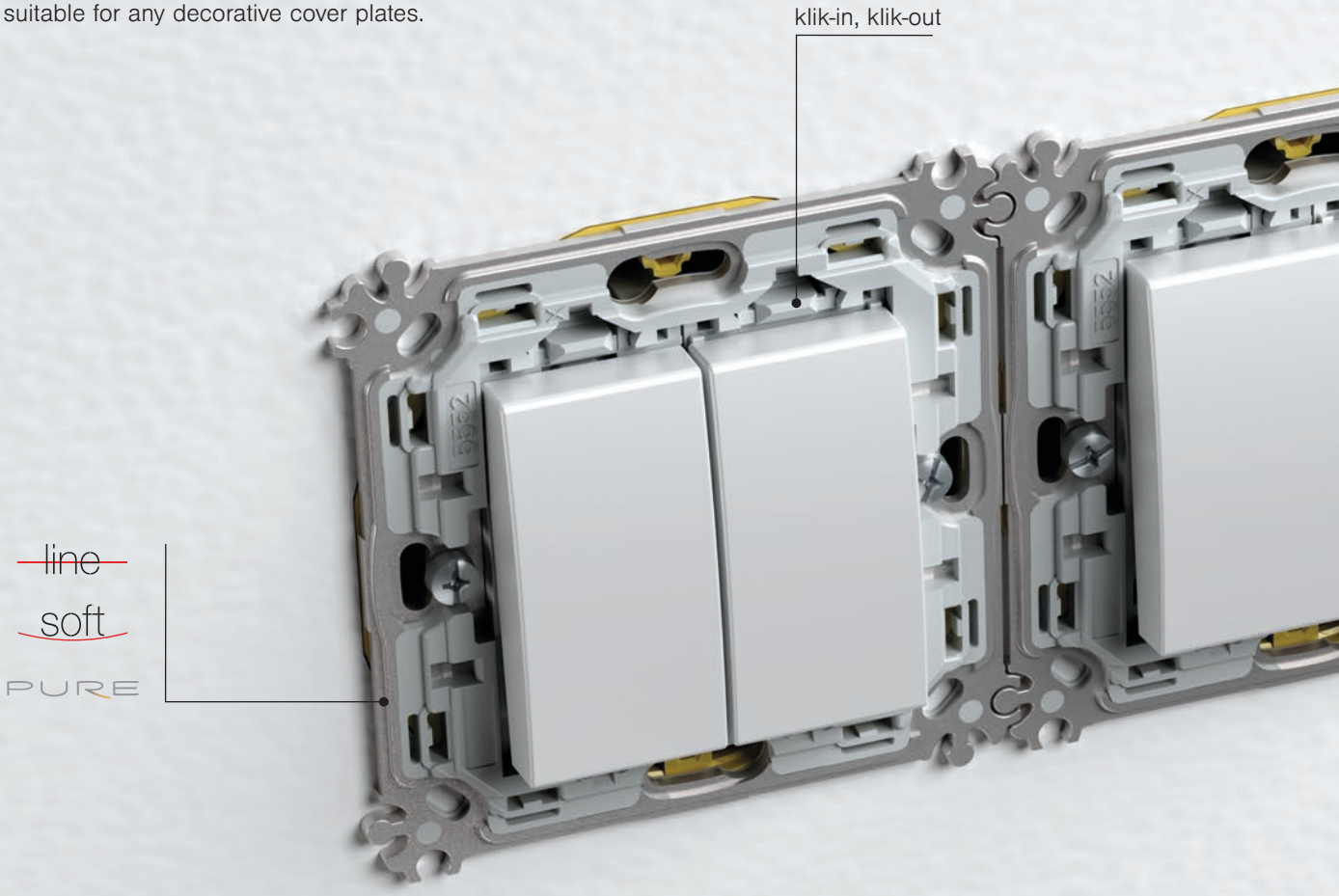

line
soft
PURE


3M
4M
7M

sestavljivost
combinability

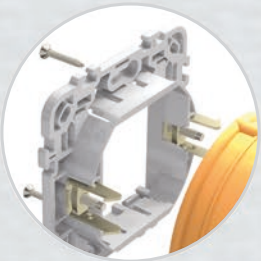
Modul vam ponuja veliko možnosti tudi ob uporabi okroglih doz. Kombinirate lahko vodoravno ali navpično, samostojno ali v skupinah. Kovinski nosilec zagotavlja odlično stabilnost tudi pri grobi uporabi in je primeren za vse dekorativne okvirje.

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



Isti okvir je možno uporabiti vodoravno ali navpično.

The same cover plate can be positioned horizontally or vertically.



Nosilci se lahko pritrdijo z vijaki ali krempeljci.

Mounting frames can be fixed with screws or claws.

line

soft

PURE

2M

2x2M

3x2M

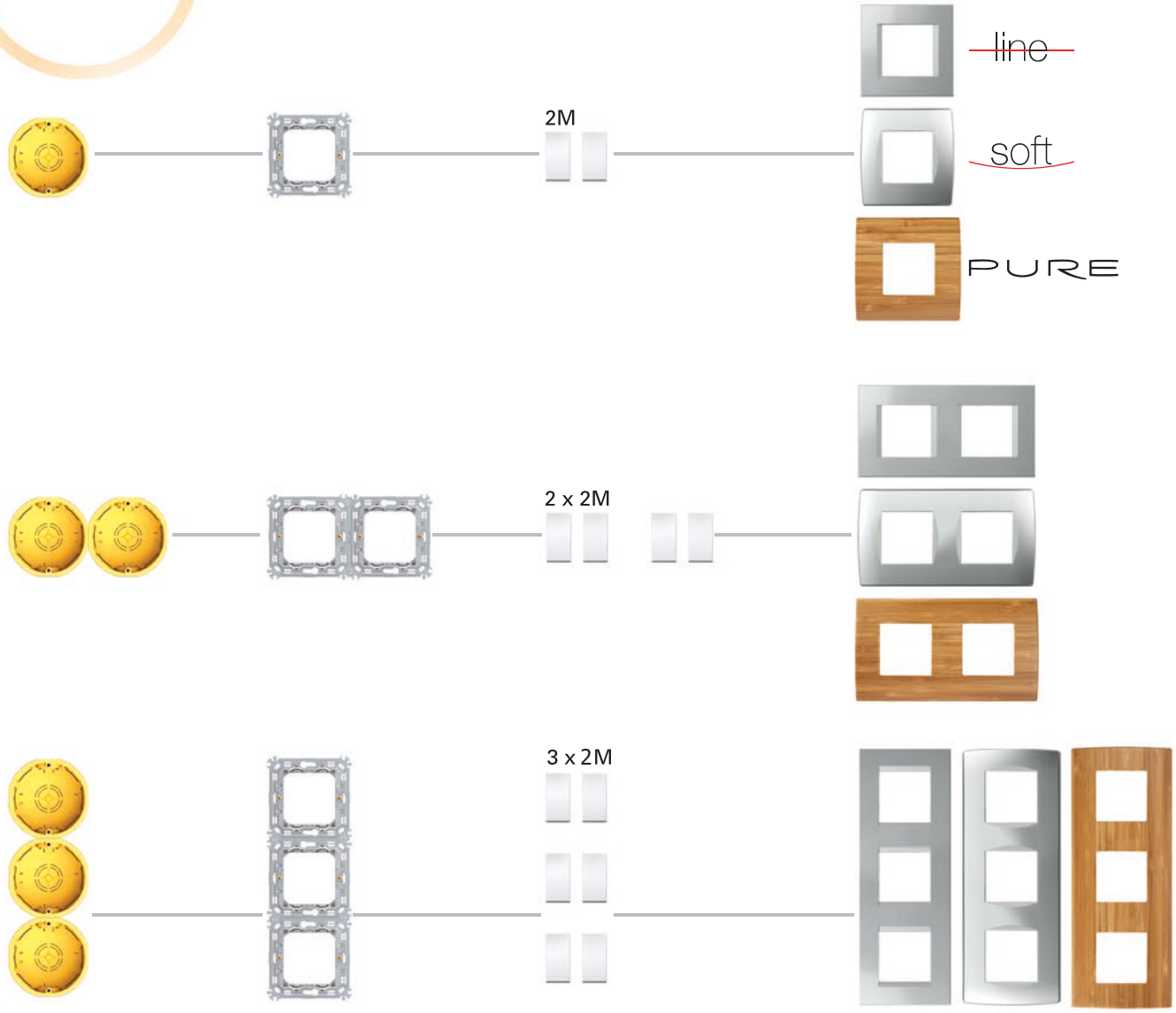
4x2M

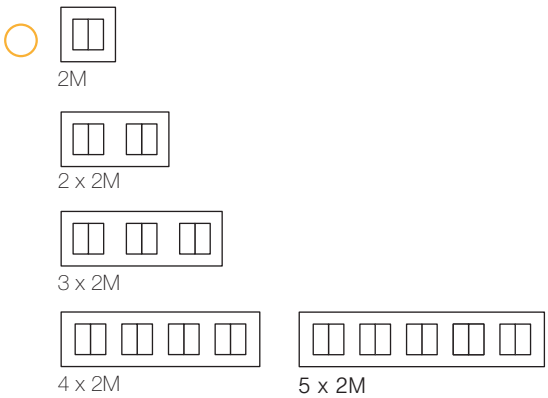
5x2M

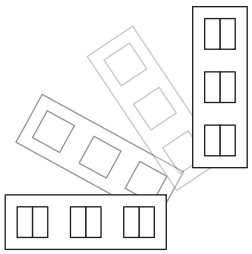
Nosilce velikosti 2M je mogoče s preprostim preklopom povezati v večje skupine.

2M mounting frames are easily joined into groups.

univerzalnost
universality

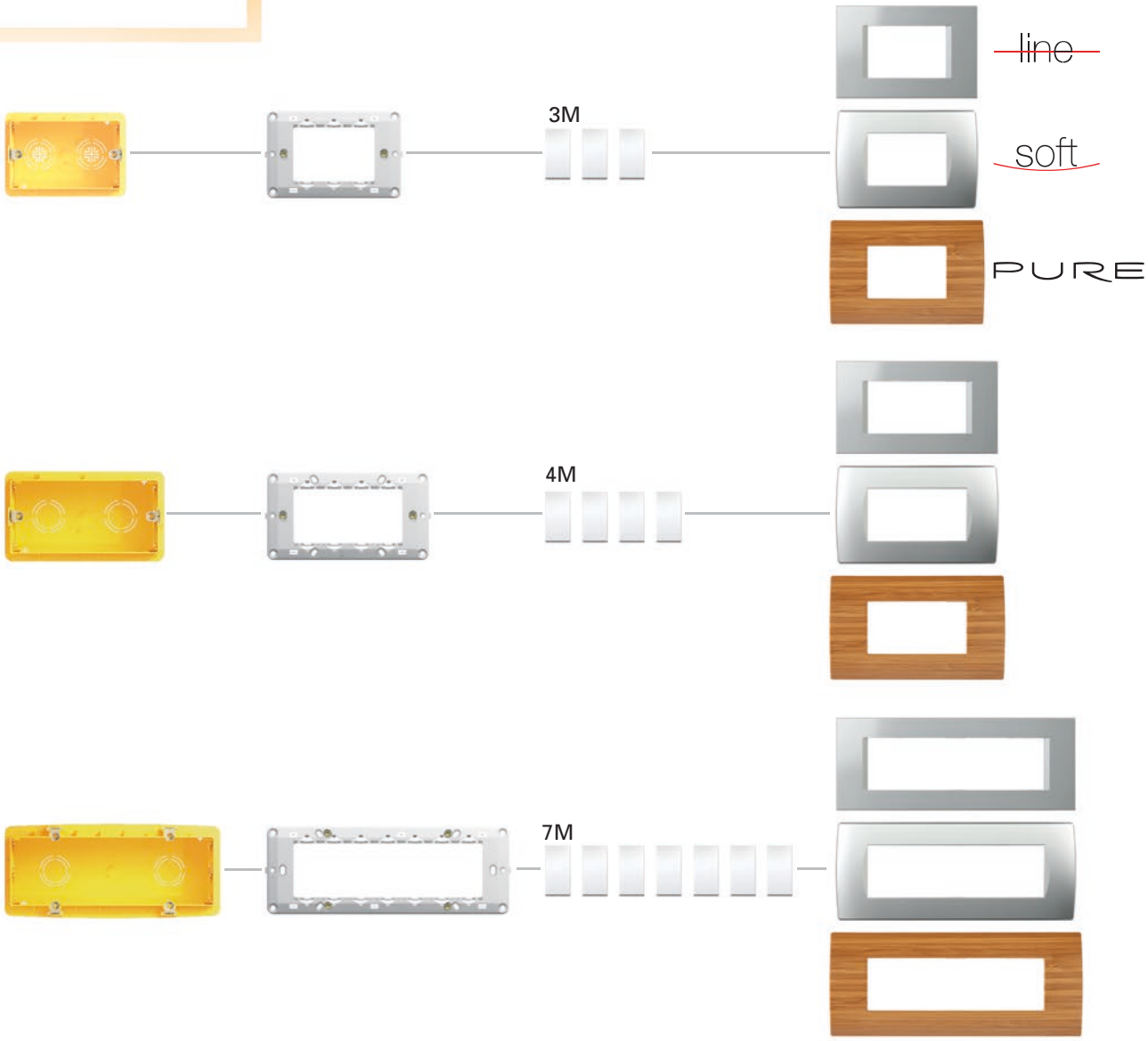






Sistem je univerzalen, primeren za vgradnjo v okrogle in pravokotne doze.

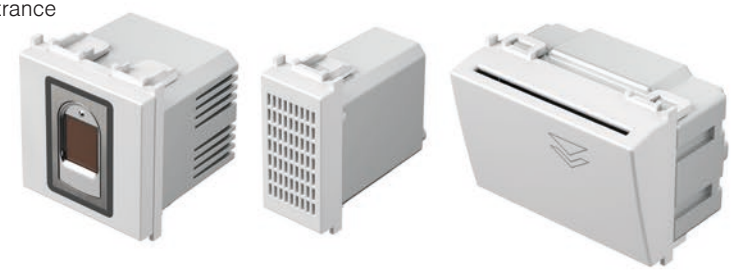
The system is universal and can be fitted in both round and rectangular boxes.



funkcijski elementi
function elements

- stikala / switches

- vstop / entrance



MODUL

- varčevanje z energijo / energy saving

Zanesljiva priključitev vodnikov različnih premerov.

Reliable connection even when different size of wires are used.

IEC 40000 preklopov

Dolga življenska doba stikal in ustreznost sodobnim standardom.

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

Poskrbeli smo, da v družini Modul najdete širok nabor funkcijskih elementov. Z njimi lahko načrtujete enostavne ali zahtevne inštalacije.

We have designed a wide selection of function element for the Modul family. You can use them to design both simple and complex installations.

- vtičnice / sockets
- zabava / entertainment
- osvetlitev / illumination

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.

Zanesljivost preklopa omogočajo srebrne kontaktne kovice.

The switch is highly reliable via its silver rilvets contacts.

edinstvena širina uporabnosti
unique range of usability

Modul Soft AW
antibakterijska izvedba /
antibacterial solution

MODUL

CUBO IP20

nadometna ohišja
surface mounted boxes

CUBO IP55

nadometna ohišja
surface mounted boxes

IP44

podomet
flush mounted

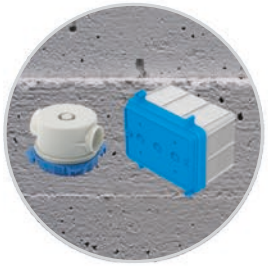
Opremljate dom, pisarno ali delavnico?
Modul lahko uporabite tako v bivalnih kot delovnih prostorih, zasebnih in javnih zgradbah. Edinstven je v tem, da lahko stikala in vtičnice vgradite tam, kjer jih potrebujete.

Are you furnishing your home, office or workshop? The Modul is suitable for living as well as working spaces and both private and public buildings. It is unique in that the switches and sockets can be fitted wherever they are needed.

D
opeka
brick

H
votla stena
hollow wall

B
beton
concrete



funkcijski elementi /
function elements

stikala / switches
vtičnice / sockets
komunikacije / communications
senzorji / sensors
regulatorji / regulators
osvetlitve / illuminations

MA
parapetni kanali
trunking systems

MO
razdelilne omarice
distribution boards

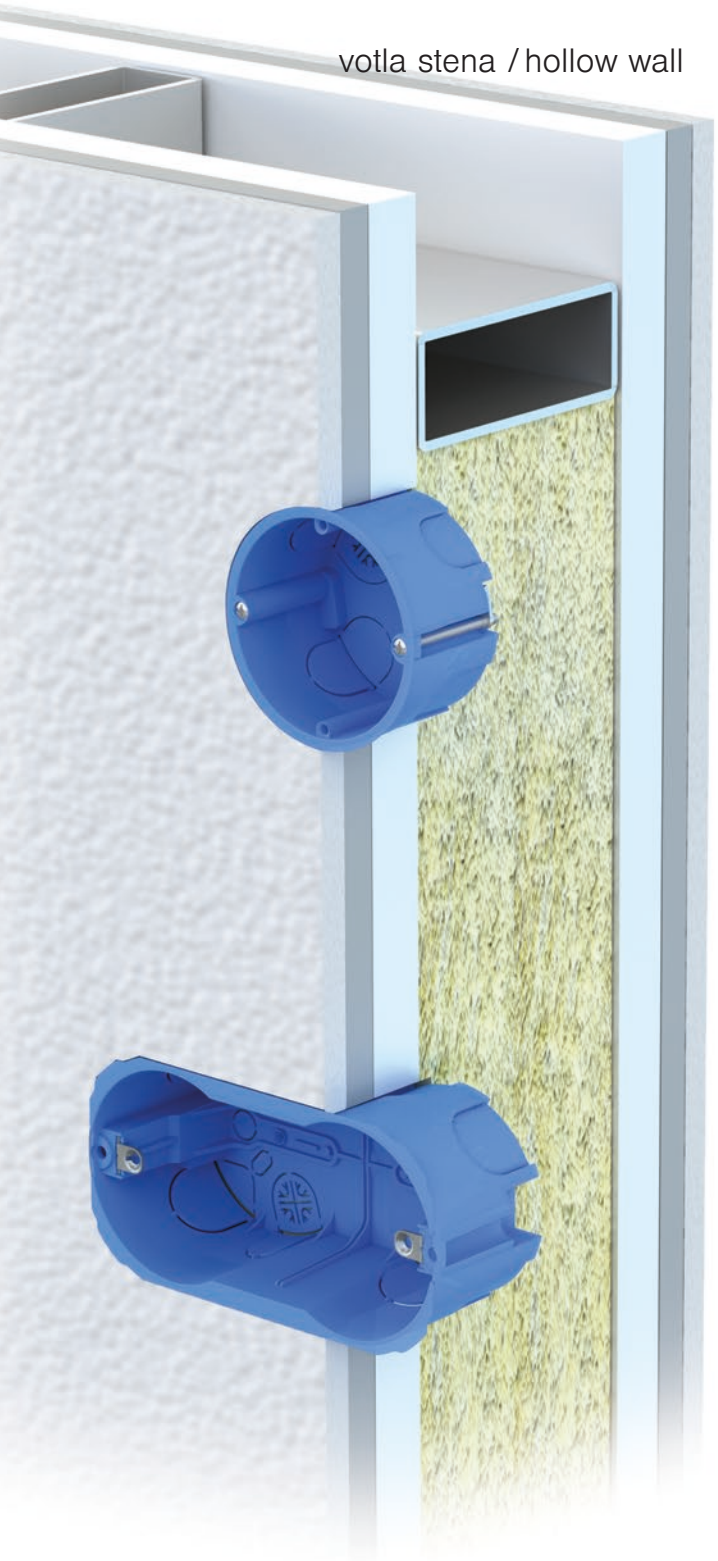
MT
talne doze
floor boxes

podometne rešitve
flush mounted solutions

opeka / brick

Modul lahko vgradite v katerokoli vrsto stene, naj bo klasična, suho montažna ali betonska. Vgradnja je enostavna, ponuja vam možnosti sestavljanja pravokotnih ali okroglih doz na ustrezne razdalje. Uporabljeni materiali so testirani po visokih standardih.

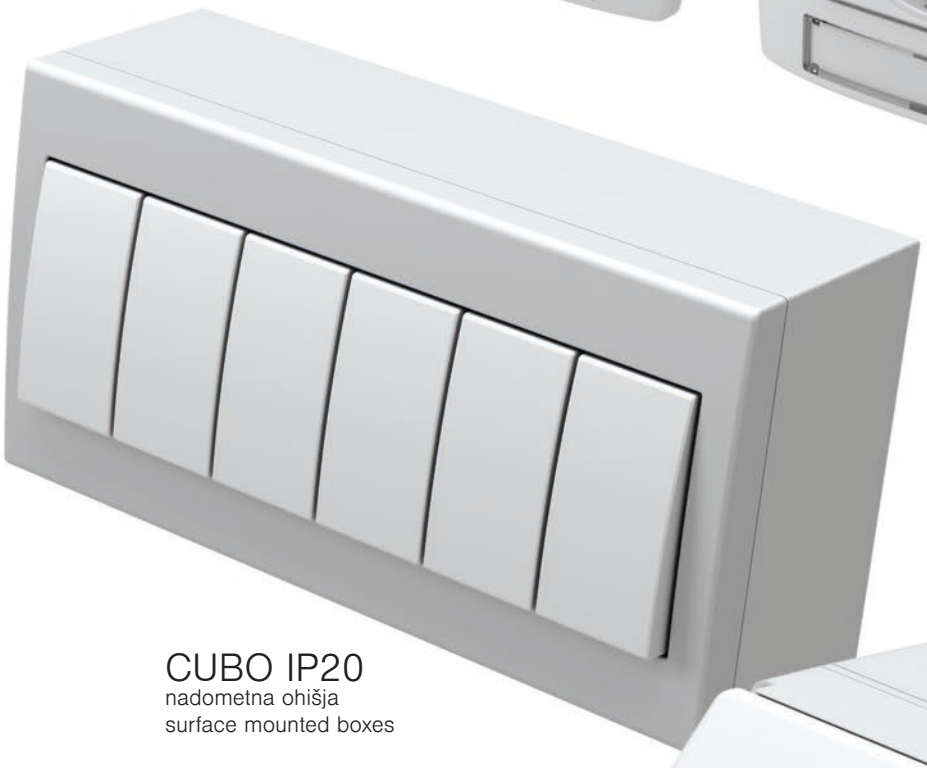
The Modul is suitable for all wall types and can be used in conventional, hollow wall or concrete constructions. It is easy to install and enables you to combine rectangular or round boxes at the proper distances. The materials used are compliant with high standards.


votla stena / hollow wall

beton / concrete

druge rešitve
other solutions

IP44
podomet
flush mounted



CUBO IP20
nadometna ohišja
surface mounted boxes

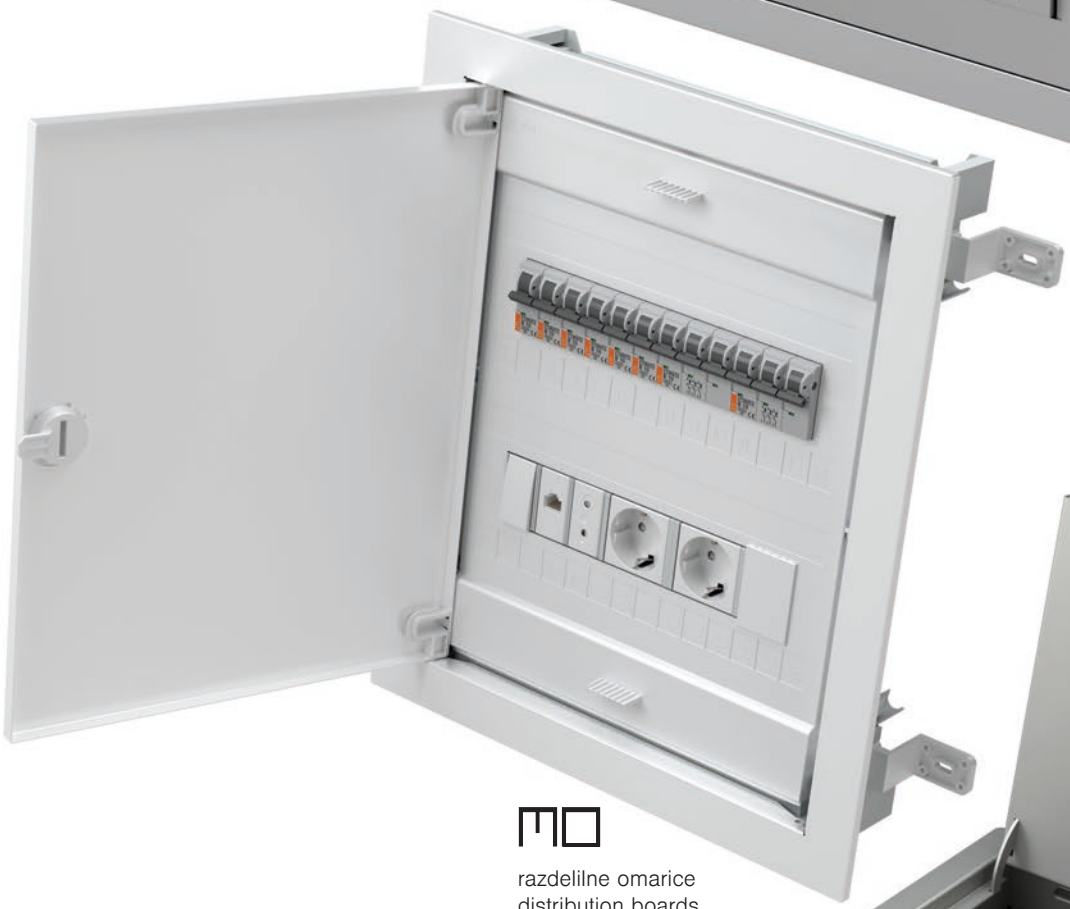
CUBO IP55
nadometna ohišja
surface mounted boxes

Potrebujete stikalo ali vtičnico v podometni, nadometni ali talni izvedbi? Modul ponuja različne rešitve vgradnje, v različnih IP zaščitah, v parapetne kanale, razdelilne omarice ali talne doze. Izbira je vaša.

Do you need switch or socket in flush, surface or floor solution? The Modul provides different mounting solutions with different IP protections, for trunking systems, distribution boards or floor boxes. The choice is yours.

MA

parapetni kanali
trunking systems



MO

razdelilne omarice
distribution boards

MT

talne doze
floor boxes

tehnični katalog
technical catalogue

TEM

MODUL

funkcijski elementi
function elements 66

dizajn
design PURE line soft 116

doze
boxes 136

distribucija
distribution 158

ekonomik 182

fontana 210

TEM

KATALOG /
CATALOGUE

MODUL

FUNKCIJSKI ELEMENTI
FUNKCTION ELEMENTS

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SWITCHES SM 68

TIPKE TM
BUTTONS TM 73

INDIKACIJA IA
ILLUMINATION IA 76

VTIČNICE VM
SOCKETS VM 78

KOMUNIKACIJE KM
COMMUNICATIONS KM 82

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COMMUNICATION ACCESSORIES KA 88

ELEKTRONIKA EM
ELECTRONICS EM 91

SETI CM
SETS CM 110

ANTIBAKTERIJSKI PROGRAM AW
ANTIBACTERIAL PROGRAM AW 115

OBLIKA
DESIGN

OKVIRJI PURE OP
COVER PLATES PURE OP 120

OKVIRJI LINE OL
COVER PLATES LINE OL 124

OKVIRJI SOFT OS
COVER PLATES SOFT OS 128

NOSILCI NM
MOUNTING FRAMES NM 134

SM11 PW IN 01

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	PW bela-sijaj *polar white*	NT nevtral *neutral*	01
SM11	TIPKALO ENOPOLNO *PUSH BUTTON 1WAY*	16A 250V~	1M	SB črna-mat *soft touch black*	IN indikator *indicator*	02
SM12	STIKALO ENOPOLNO *SWITCH 1WAY*	20A 250V~	1M	AT antracit *anthracite*		03
.	.	.	.	ES srebrna-mat *elox silver*		
.	.	.	.	IW bež-sijaj *ivory white*		
.	.	.	.			

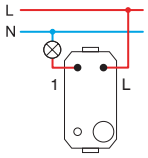
STIKALO ENOPOLNO 16AX 250V~ 1M

SM10

- stikalo brez tipke
- 16AX 250V~, tip SM10
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²

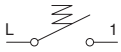
SWITCH 1WAY 16AX 250V~ 1M

- switch without button
- 16AX 250V~, type SM10
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



TIPKALO ENOPOLNO 16A 250V~ 1M

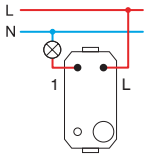
SM11



- tipkalo brez tipke
- 16A 250V~, tip SM11
- ustreza EN 60669-1
- vijačna 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



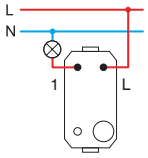
STIKALO ENOPOLNO 20A 250V~ 1M

SM12

- stikalo brez tipke
- 20A 250V~, tip SM12
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²

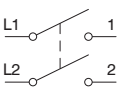
SWITCH 1WAY 20A 250V~ 1M

- switch without button
- 20A 250V~, type SM12
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



STIKALO DVOPOLNO 16AX 250V~ 1M

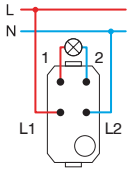
SM20



- stikalo brez tipke
- 16AX 250V~, tip SM20
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²
- samo v kombinaciji s tipko TM15

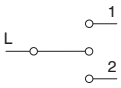
SWITCH 2POLE 16AX 250V~ 1M

- 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



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

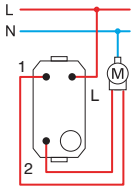
SM40



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

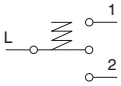
SWITCH SHUTTERS 1-0-2 16AX 250V~ 1M

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



TIPKALO ŽALUZIJSKO 1-0-2 16A 250V~ 1M

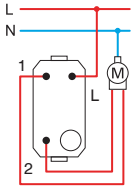
SM41



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

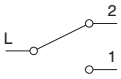
PUSH BUTTON SHUTTERS 1-0-2 16A 250V~ 1M

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



STIKALO MENJALNO 16AX 250V~ 1M

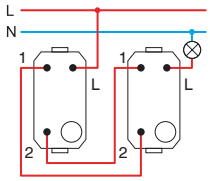
SM60



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

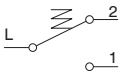
SWITCH 2WAY 16AX 250V~ 1M

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



TIPKALO MENJALNO 16A 250V~ 1M

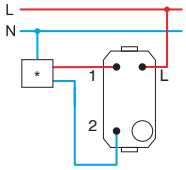
SM61



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

PUSH BUTTON 2WAY 16A 250V~ 1M

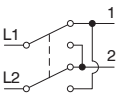
- push button without button
- 16A 250V~, type SM61
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²



* elektroni-
kæ*lectronics*

STIKALO KRIŽNO 16AX 250V~ 1M

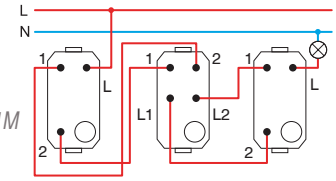
SM70



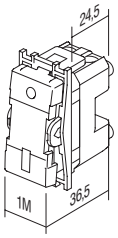
- stikalo brez tipke
- 16AX 250V~, tip SM70
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²

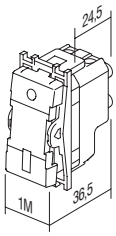
SWITCH INTERMEDIATE 16AX 250V~ 1M

- 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





S T I K A L A S M

☐ PW bela-sijaj
polar 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
■ SM10SB
■ SM10AT
■ SM10ES
■ SM10IW

- 16AX 250V~, tip SM10
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- zamenljiva tipka

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
■ SM10SBIN
■ SM10ATIN
■ SM10ESIN
■ SM10IWIN

- IN indikator
- 16AX 250V~, tip SM10
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- tlivka ni priložena
- 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
■ SM11SB
■ SM11AT
■ SM11ES
■ SM11IW

- 16A 250V~, tip SM11
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- zamenljiva tipka

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
■ SM11SBIN01
■ SM11ATIN01
■ SM11ESIN01
■ SM11IWIN01

- IN 01 indikator zvonec
- 16A 250V~, tip SM11
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- tlivka ni priložena
- 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

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

- SM11PWIN02
- SM11SBIN02
- SM11ATIN02
- SM11ESIN02
- SM11IWIN02

- IN 02 indikator luč
- 16A 250V~, tip SM11
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- tlivka ni priložena
- 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
- SM20SBNT03
- SM20ATNT03
- SM20ESNT03
- SM20IWNT03

- NT 03 nevtral 0-1
- 16AX 250V~, tip SM20
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- zamenljiva tipka

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
- SM20SBIN
- SM20ATIN
- SM20ESIN
- SM20IWIN

- IN indikator
- 16AX 250V~, tip SM20
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- tlivka ni priložena
- 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
- SM40SBNT10
- SM40ATNT10
- SM40ESNT10
- SM40IWNT10

- NT 10 nevtral 1-0-2
- 16AX 250V~, tip SM40
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²
- zamenljiva tipka

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 1.5-2.5mm²
- replaceable button

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

- SM41PWNT10
- SM41SBNT10
- SM41ATNT10
- SM41ESNT10
- SM41IWNT10

- NT 10 nevtral 1-0-2
- 16A 250V~, tip SM41
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²
- zamenljiva tipka

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 1.5-2.5mm²
- replaceable button

STIKALO MENJALNO 16AX 250V~ 1M

- SM60PW
- SM60SB
- SM60AT
- SM60ES
- SM60IW

- 16AX 250V~, tip SM60
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- zamenljiva tipka

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

STIKALO KRIŽNO 16AX 250V~ 1M

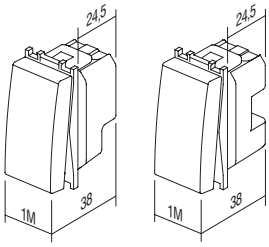
- SM70PW
- SM70SB
- SM70AT
- SM70ES
- SM70IW

- 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

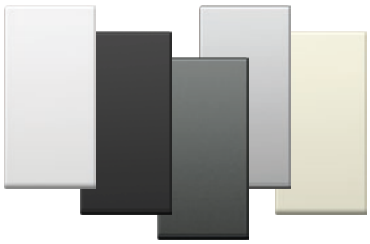


B U T T O N S T M

TM11 PW NT 03

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

TIPKA 1M



- TM11PW
- 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

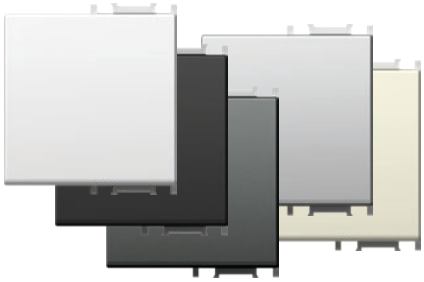
- TM11PWIN
- TM11ATIN
- TM11SBIN
- TM11ESIN
- TM11IWIN

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

BUTTON 1M INDICATOR

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

TIPKA 2M



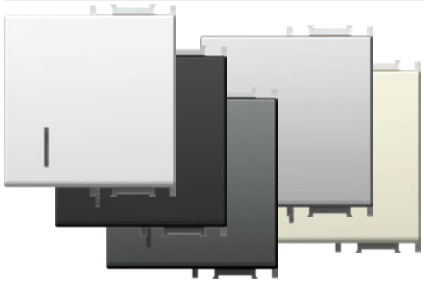
- TM12PW
- TM12SB
- TM12AT
- TM12ES
- TM12IW

- 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



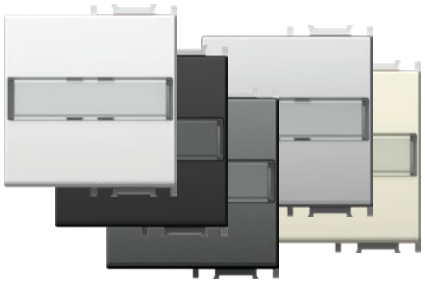
- TM12PWIN
- TM12SBIN
- TM12ATIN
- TM12ESIN
- TM12IWIN

- 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



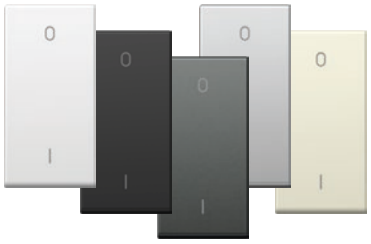
- TM13PWIL
- TM13SBIL
- TM13ATIL
- TM13ESIL
- TM13IWIL

- 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



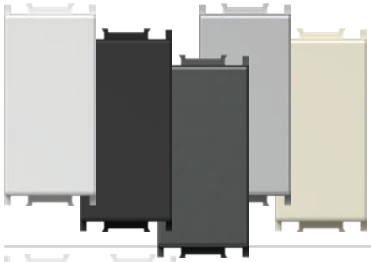
- TM15PW
- TM15SB
- TM15AT
- TM15ES
- TM15IW

- 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



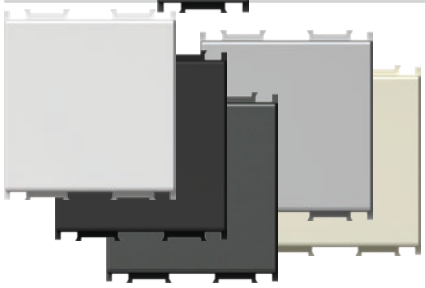
- TM21PW
- TM21SB
- TM21AT
- TM21ES
- TM21IW

- 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



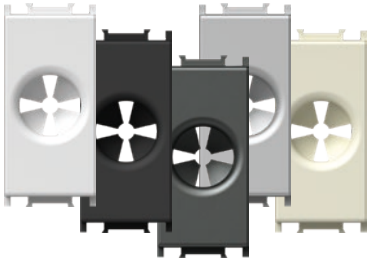
- TM22PW
- TM22SB
- TM22AT
- TM22ES
- TM22IW

- 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



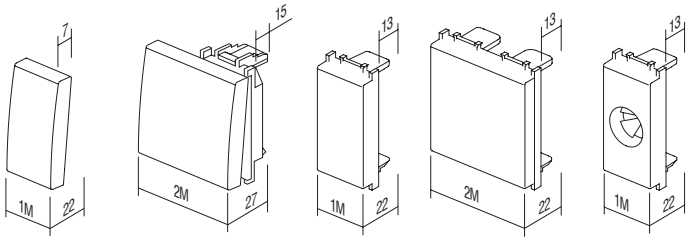
- TM31PW
- TM31SB
- TM31AT
- TM31ES
- TM31IW

- 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

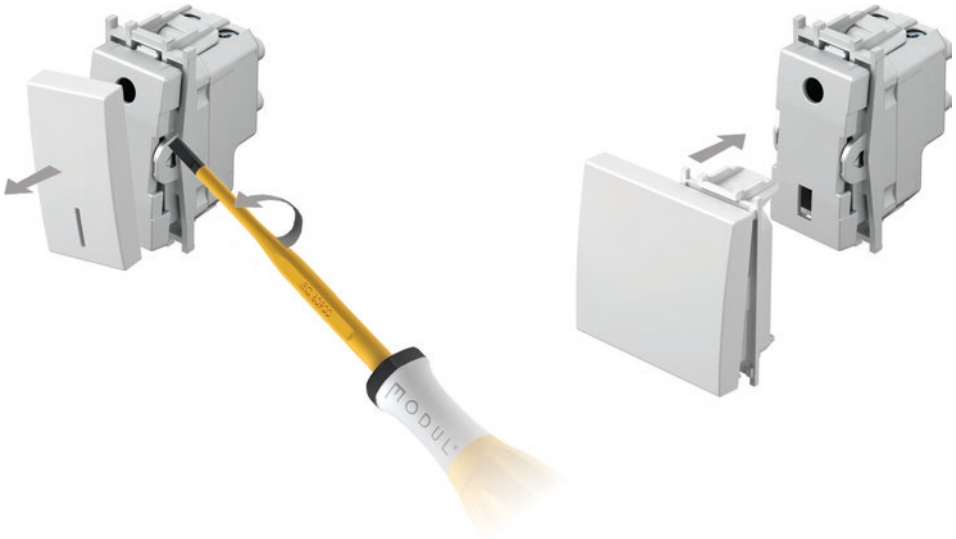
TM12
TM13

TM21

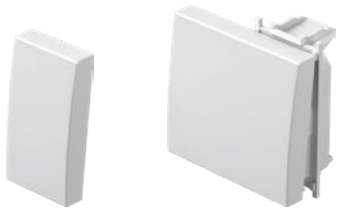
TM22

TM31

B U T T O N S T M



LASERSKI TISK NA TIPKE



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

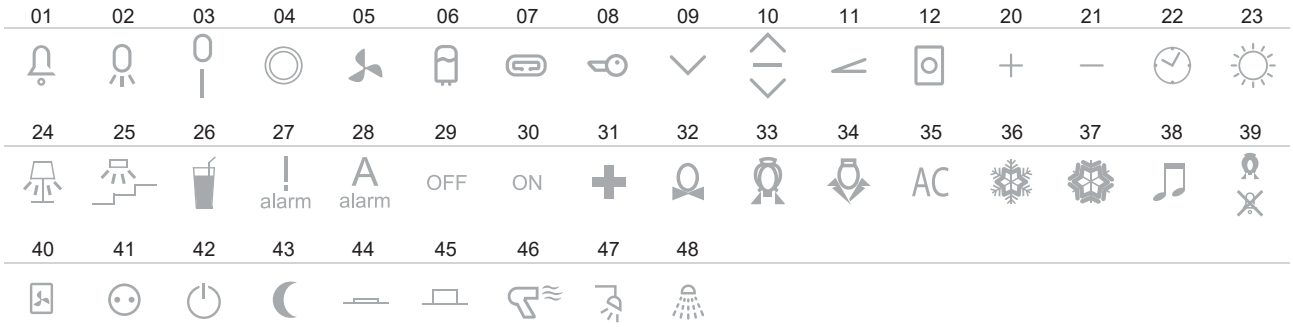
LASER PRINT ON BUTTONS

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

1M	2M		
A	A	D	G
B	B	E	H
C	C	F	I

GRAFIKE

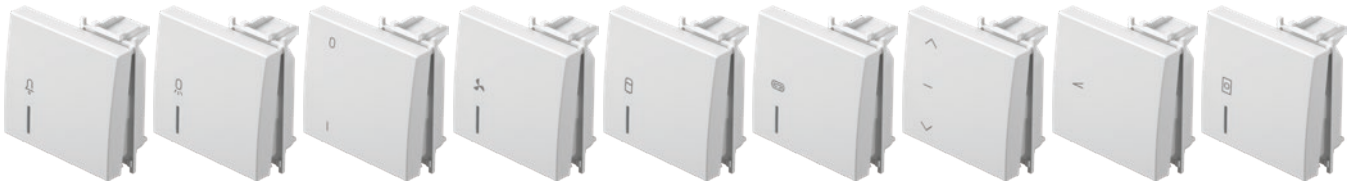
SYMBOLS



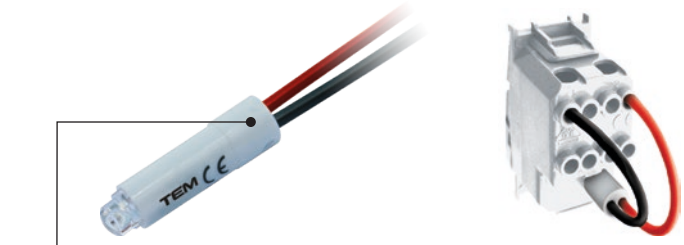
STANDARDNE GRAFIKE

STANDARD SYMBOLS

01 02 03 05 06 07 10 11 12



01 02 03 05 06 07 10 11 12



IA20 WH

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
IA10	TLIVKA *NEON LAMP*	230V~ 0,34W	WH bela *white*
IA20	SIJALKA LED *LED LAMP*	230V~ AC/DC 0,40W	BL modra *blue*
IA21	SIJALKA LED *LED LAMP*	24V AC/DC 0,20W	RD rdeča *red*
. . .	. . .	. . .	GR zelena *green*
			OR oranžna *orange*

TLIVKA 230V~ 0,34W

IA10OR

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

NEON LAMP 230V~ 0,34W

- *for indication, illumination or constant illumination of switch*
- *in combination with button with indicator*

SIJALKA LED 230V AC/DC 0,40W

IA20WH
IA20GR
IA20RD
IA20BL

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

LED LAMP 230V AC/DC 0,40W

- *for indication, illumination or constant illumination of switch*
- *in combination with button with indicator*

SIJALKA LED 24V AC/DC 0,20W

IA21WH
IA21RD

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

LED LAMP 24V AC/DC 0,20W

- *for indication, illumination or constant illumination of switch*
- *in combination with button with indicator*

SIJALKA LED 12V AC/DC 0,10W

IA22WH
IA22RD

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

LED LAMP 12V AC/DC 0,10W

- *for indication, illumination or constant illumination of switch*
- *in combination with button with indicator*

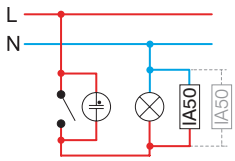
RC VEZJE 250V~

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~

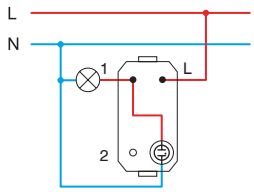
- *RC circuit to eliminate disturbances in the operation of LED lamps*
- *parallel connections of more RC circuits with lamps are possible*
- *0,1 µF, 100 Ω, 250V~*



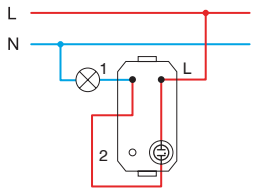
I L L U M I N A T I O N I A

* Indikacija / *Indication*	Osvetlitev / *Illumination*	Stalna osvetlitev / *Constant illumination*

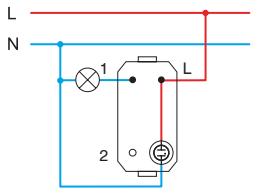
SM10, 11, 12



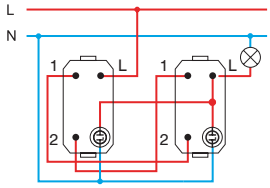
SM10, 11, 12



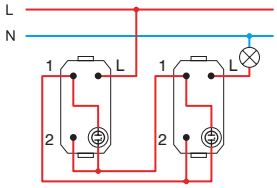
SM10, 11, 12



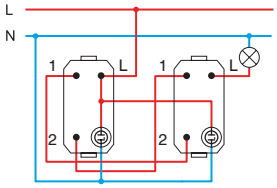
SM60 + SM60



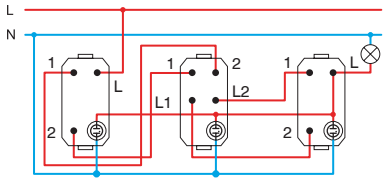
SM60 + SM60



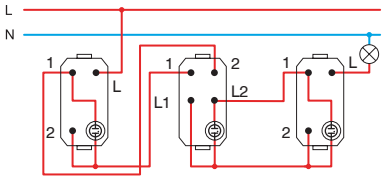
SM60 + SM60



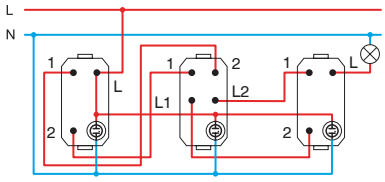
SM60 + SM70 + SM60



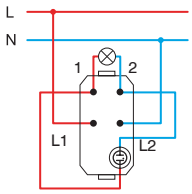
SM60 + SM70 + SM60



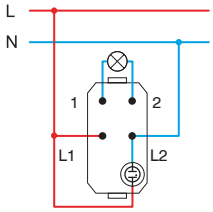
SM60 + SM70 + SM60



SM20

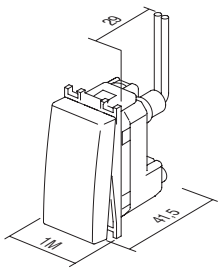


SM20

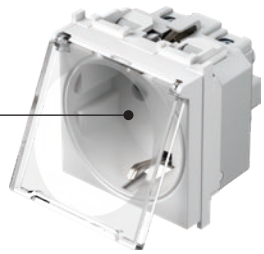


* vezave primerne za varčne (CFL, LED) sijalke /
wiring scheme for energy saving lamps (CFL, LED)

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



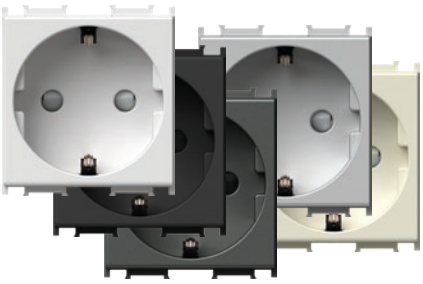
V T I Č N I C E V M



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	PW	bela-sijaj *polar white*	PT	bela+prozorna *white+transparent*	PP	bela+bela *white+white*
VM11	VTIČNICA SCHUKO+KS+POKROV *SOCKET SCHUKO+KS+COVER*	2P+E 16A 250V~	2M	SB	črna-mat *soft touch black*	BT	črna+prozorna *soft touch black+transparent*	BB	črna+črna *soft touch black+black*
VM20	VTIČNICA EURO+KS *SOCKET EURO+KS*	2P 10A 250V~	1M	AT	antracit *anthracite*	AT	antracit+prozorna *anthracite+transparent*	AA	antracit+antracit *anthracite+anthracite*
.	.	.	.	ES	srebrna-mat *elox silver*	ST	srebrna+prozorna *silver+transparent*	SS	srebrna+srebrna *silver+silver*
.	.	.	.	IW	bež-sijaj *ivory white*	IT	bež+prozorna *ivory+transparent*	II	bež+bež *ivory+ivory*
				RD	rdeča *red*	RT	rdeča+prozorna *red+transparent*	RR	rdeča+rdeča *red+red*
				GR	zelena *green*	GT	zelena+prozorna *green+transparent*	GG	zelena+zelena *green+green*
				OR	oranžna *orange*	OT	oranžna+prozorna *orange+transparent*	OO	oranžna+oranžna *orange+orange*

VTIČNICA SCHUKO+KS 2P+E 16A 250V~ 2M



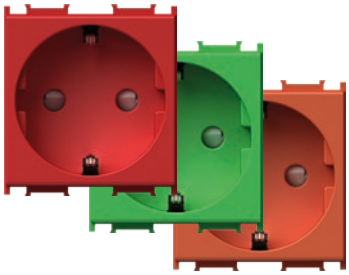
VM10PW
VM10SB
VM10AT
VM10ES
VM10IW

- 2P+E schuko
- 16A 250V~, tip VM10
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - 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
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

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

VM11PT
VM11BT
VM11AT
VM11ST
VM11IT

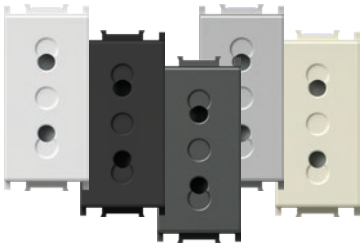
VM11PP

- 2P+E schuko+pokrov
- 16A 250V~, tip VM11
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

VTIČNICA EURO+KS 2P 10A 250V~ 1M



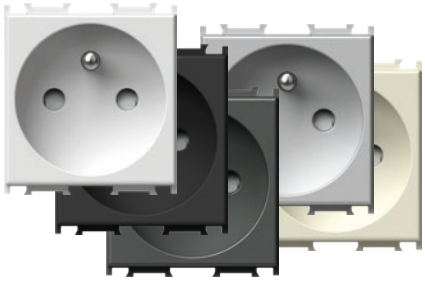
VM20PW
VM20SB
VM20AT
VM20ES
VM20IW

- 2P euro
- 10A 250V~, tip VM20
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

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

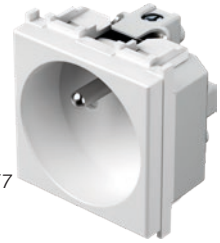


VM40PW
VM40SB
VM40AT
VM40ES
VM40IW

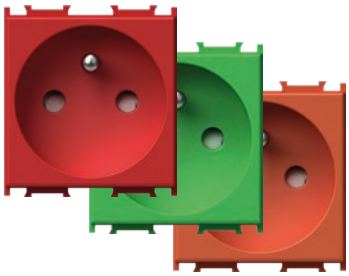
- 2P+E francoska
- 16A 250V~, tip VM40
- ustreza IEC 60884-1, NF C 61-314, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška zaščita pred dotikom kontaktov

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
- KS build-in child protection - shuttered live contacts



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



VM40RD
VM40GR
VM40OR

- 2P+E francoska
- 16A 250V~, tip VM40
- ustreza IEC 60884-1, NF C 61-314, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

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

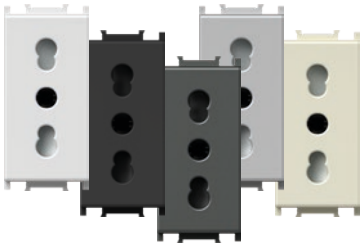
VM41PT
VM41BT
VM41AT
VM41ST
VM41IT

- 2P+E francoska+pokrov
- 16A 250V~, tip VM41
- ustreza IEC 60884-1, NF C 61-314, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

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



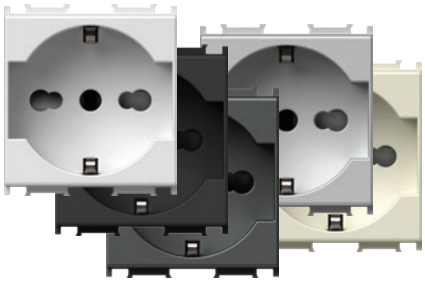
VM30PW
VM30SB
VM30AT
VM30ES
VM30IW

- 2P+E italijanska P17/11
- 16A 250V~, tip VM30
- ustreza IEC 60884-1, CEI 23-50
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

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

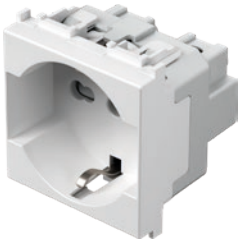


VM31PW
VM31SB
VM31AT
VM31ES
VM31IW

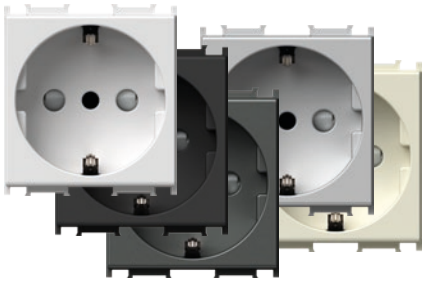
- 2P+E schuko/italijanska P17/11
- 16A 250V~, tip VM31
- ustreza IEC 60884-1, CEI 23-50
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška zaščita pred dotikom kontaktov

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
- KS build-in child protection - shuttered live contacts



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



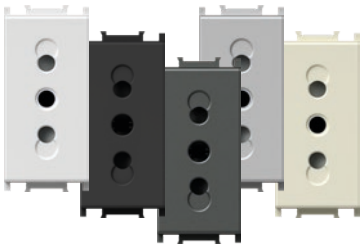
- VM32PW
- VM32SB
- VM32AT
- VM32ES
- VM32IW

- 2P+E schuko/italijanska P30
- 16A 250V~, tip VM32
- ustreza IEC 60884-1, CEI 23-50
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts

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



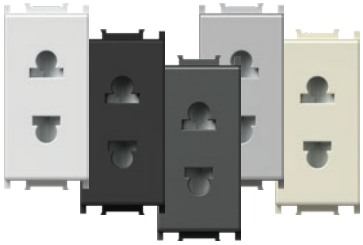
- VM33PW
- VM33SB
- VM33AT
- VM33ES
- VM33IW

- 2P+E italijanska P11
- 10A 250V~, tip VM33
- ustreza IEC 60884-1, CEI 23-50
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection – shuttered live contacts

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



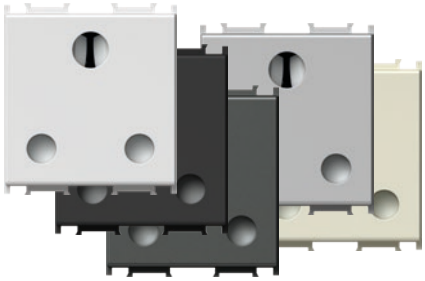
- VM21PW
- VM21SB
- VM21AT
- VM21ES
- VM21IW

- 2P euro/ameriška
- 16A 250V~, tip VM21
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts
- only for countries not members of EU

VTIČNICA BRITANSKA BS 546+KS 2P+E 15A 250V~ 2M



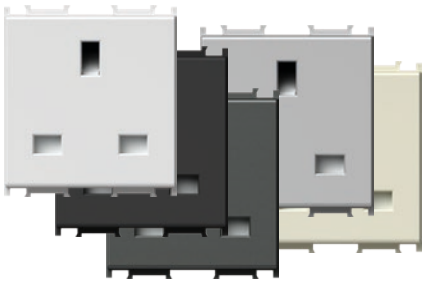
- VM51PW
- VM51SB
- VM51AT
- VM51ES
- VM51IW

- 2P+E britanski standard BS 546
- 15A 250V~, tip VM51
- ustreza BS 546
- vijačna pritrditev vodnikov 1.5-4 mm²
- vgrajena zaščita pred dotikom kontaktov

SOCKET BRITISH BS 546+KS 2P+E 15A 250V~ 2M

- 2P+E British BS 546
- 15A 250V~, type VM51
- in accordance with BS 546
- screw contacts 1.5-4 mm²
- KS build-in child protection - shuttered live contacts

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



- VM52PW
- VM52SB
- VM52AT
- VM52ES
- VM52IW

- 2P+E britanski standard BS 1363-2
- 13A/250V~, tip VM52
- ustreza BS 1363-2
- vijačna pritrditev 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
- KS build-in child protection - shuttered live contacts

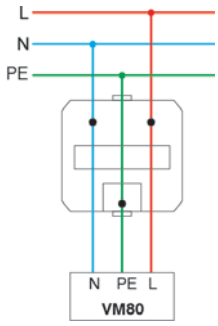
PRENAPETOSTNA ZAŠČITA MPE MINI 275V/50Hz

VM80

- vzporedna vezava s prvo vtičnico v seriji
- razred zaščite III
- Uc=275Vac, Uoc/Isc=6kV/3kA, Up<800V
- ustreza IEC 61643-1
- vodniki 1.5mm², IP20
- zvočni signal ob uničenju

SURGE PROTECTOR MPE MINI 275V/50Hz

- paralel connection with the first socket in the row
- protection class III
- Uc=275Vac, Uoc/Isc=6kV/3kA, Up<800V
- in accordance with IEC 61643-1
- wires 1.5mm², IP20
- sound signal at breakdown



S O C K E T S V M

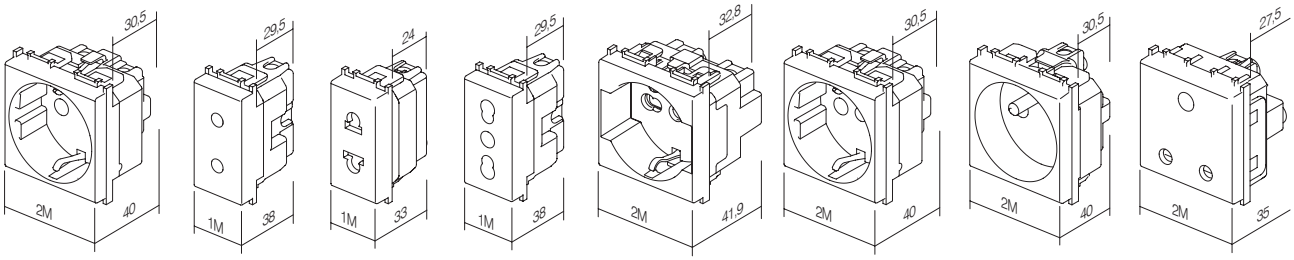
UJEMANJE VTIČNIC IN VTIČEV
SOCKETS AND PLUGS MATCHING

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

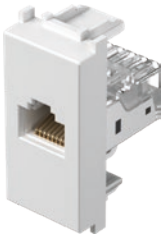
UJEMANJE VTIČNIC IN VTIČEV
SOCKETS AND PLUGS MATCHING

VTIČNICA / *SOCKET* STIL VTIČA / *PLUG STYLE*	VM21	VM51	VM52
ameriški / *American*	•		
britanski / *British* BS 546		•	
britanski / *British* BS 1363-2			•

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



VM10 VM11 | VM20 | VM21 | VM30 VM33 | VM31 | VM32 | VM40 VM41 | VM51 VM52



KM10 PW

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

VTIČNICA TV OSNOVNA 0dB 1M

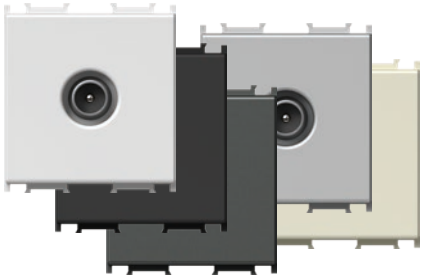
- KM10PW
- KM10SB
- KM10AT
- KM10ES
- KM10IW

- 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
- KM20SB
- KM20AT
- KM20ES
- KM20IW

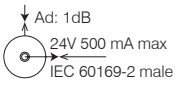
- TV osnovna
- dušenje 0dB
- konektor zadaj – F standard

SOCKET TV BASIC 0dB 2M

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

VTIČNICA TV KONČNA 1dB 1M

- KM11PW
- KM11SB
- KM11AT
- KM11ES
- KM11IW



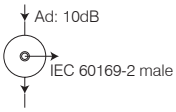
- TV končna
- frekvenčni pas 5÷2400 MHz
- dušenje < 1 dB
- ustreza EN 50083-1
- vijačna priključitev

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
- 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

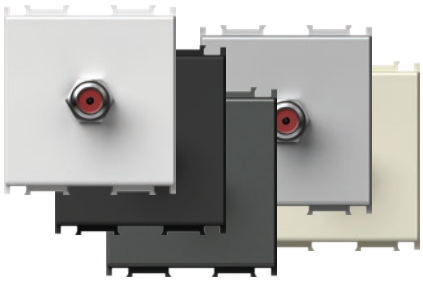
- KM15PW
- KM15SB
- KM15AT
- KM15ES
- KM15IW

- 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
- KM24SB
- KM24AT
- KM24ES
- KM24IW

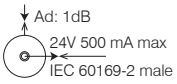
- SAT osnovna
- dušenje 0dB
- konektor zadaj – F standard

SOCKET SAT BASIC 0dB 2M

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

VTIČNICA SAT KONČNA 1dB 1M

- KM16PW
- KM16SB
- KM16AT
- KM16ES
- KM16IW



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

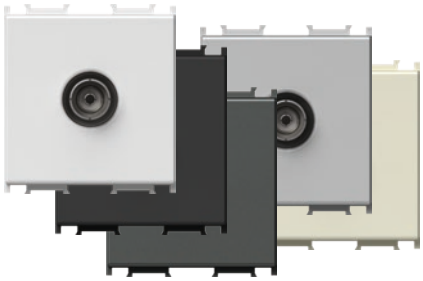
- KM19PW
- KM19SB
- KM19AT
- KM19ES
- KM19IW

- 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



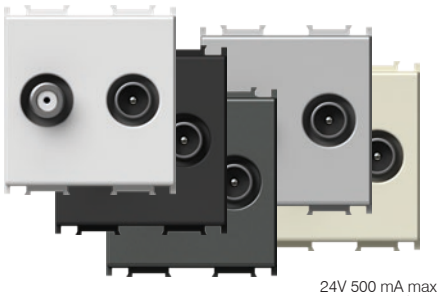
- KM29PW
- KM29SB
- KM29AT
- KM29ES
- KM29IW

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

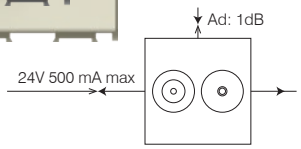
SOCKET R BASIC 0dB 2M

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

VTIČNICA SAT-TV KONČNA 1dB 2M



- KM25PW
- KM25SB
- KM25AT
- KM25ES
- KM25IW



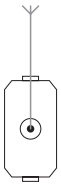
- SAT-TV končna
- frekvenčni pas 5÷2400 MHz
- dušenje < 1dB
- ustreza EN 50083-1
- vijačna priključitev

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

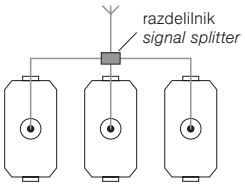
OSNOVNE VEZALNE SHEME
BASIC CONNECTION SAMPLES

samostojna vezava
stand alone connection



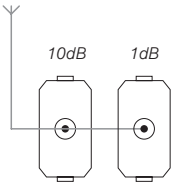
KM10
KM20
KM11
KM15
KM24
KM16
KM19
KM29
KM25

zvezda vezava
star connection



KM10
KM20
KM11
KM15
KM24
KM16
KM19
KM29
KM25

prehodna vezava
throughpass connection



KM12 KM11

VTIČNICA AVDIO 2xRCA 1M

- KM22PW
- KM22SB
- KM22AT
- KM22ES
- KM22IW

- avdio 2x RCA
- pritrditev vodnikov zadaj s spajkanjem

SOCKET AUDIO 2xRCA 1M
- *audio 2x RCA*
- *soldering connection of cable at the back side*

VTIČNICA AVDIO ZVOČNIŠKA 1M

- KM23PW
- KM23SB
- KM23AT
- KM23ES
- KM23IW

- 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*

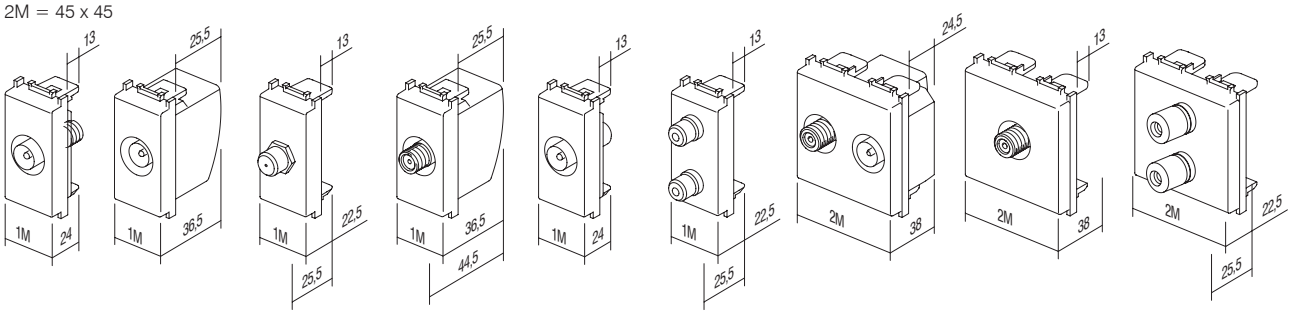
VTIČNICA AVDIO ZVOČNIŠKA 2M

- KM26PW
- KM26SB
- KM26AT
- KM26ES
- KM26IW

- 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



KM10 | KM11 KM12 | KM15 | KM16 | KM19 | KM22 KM23 | KM25 | KM20 KM24 KM29 | KM26

VTIČNICA TEL LT RJ11 6/4 1M

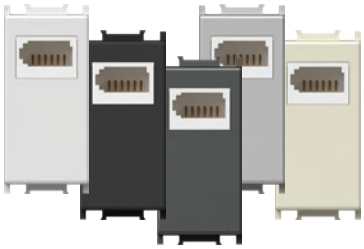
- KM30PW
- KM30SB
- KM30AT
- KM30ES
- KM30IW

- 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



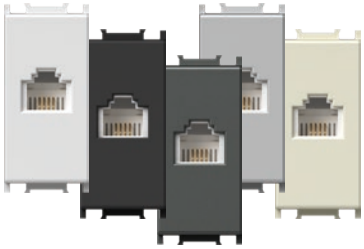
- KM31PW
- KM31SB
- KM31AT
- KM31ES
- KM31IW

- 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



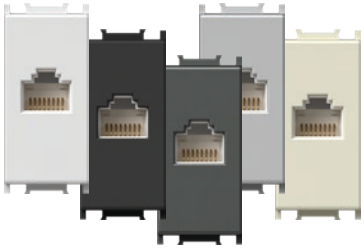
- KM36PW
- KM36SB
- KM36AT
- KM36ES
- KM36IW

- 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

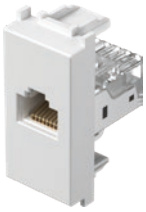


- KM37PW
- KM37SB
- KM37AT
- KM37ES
- KM37IW

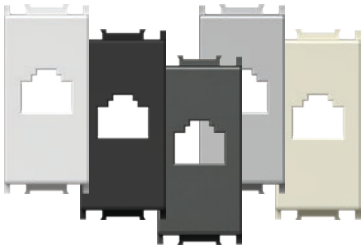
- KS keystone pritrditveni standard
- CAT5e, RJ45 8/8
- ustreza IEC 60603-7

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
- 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

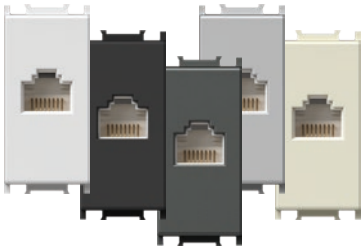
- KM38PW
- KM38SB
- KM38AT
- KM38ES
- KM38IW

- 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



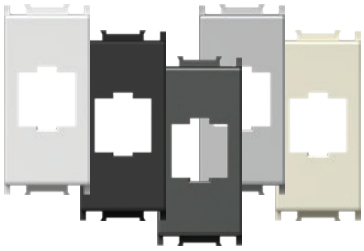
- KM39PW
- KM39SB
- KM39AT
- KM39ES
- KM39IW

- 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



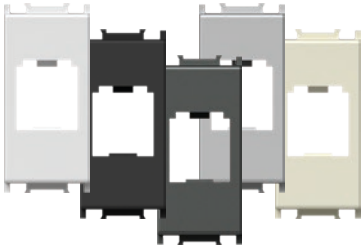
- KM50PW
- KM50SB
- KM50AT
- KM50ES
- KM50IW

- 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
- 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

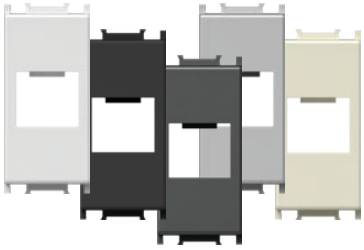
- KM43PW
- KM43SB
- KM43AT
- KM43ES
- KM43IW

- 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



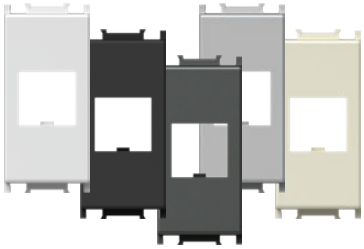
- KM46PW
- KM46SB
- KM46AT
- KM46ES
- KM46IW

- R&M pritrditveni strandard
- komunikacijski modul ni vgrajen

ADAPTER R&M 1M

- R&M fixing standard
- communication module not included

ADAPTER R&M CAT6A 1M



- KM52PW
- 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

ADAPTER R&M S PRAŠNO ZAŠČITO 1M

- KM47PW
- KM47SB
- KM47AT
- KM47ES
- KM47IW

- 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

ADAPTER R&M CAT6A S PRAŠNO ZAŠČITO 1M

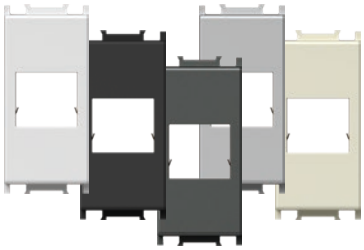
- KM53PW
- KM53SB
- KM53AT
- KM53ES
- KM53IW

- 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



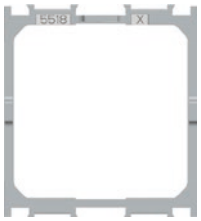
- KM45PW
- KM45SB
- KM45AT
- KM45ES
- KM45IW

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

ADAPTER LK 1M

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

ADAPTER NEXANS/SCHRACK 2M

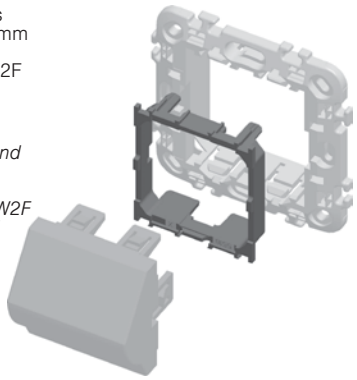


KA26

- 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
- 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

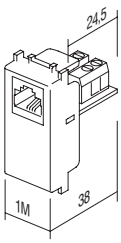
- KM51PW
- KM51SB
- KM51AT
- KM51ES
- KM51IW

- 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)

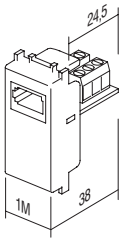
SOCKET USB TYPE A 1M

- 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)

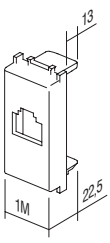
1M = 22,5 x 45
2M = 45 x 45



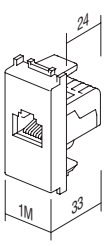
KM30



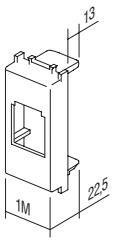
KM31



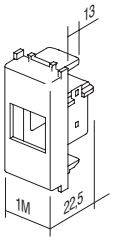
KM35
KM38
KM48



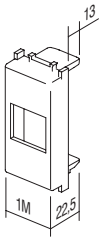
KM36
KM37
KM39



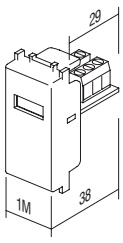
KM40
KM43



KM45



KM46
KM47
KM50
KM52
KM53



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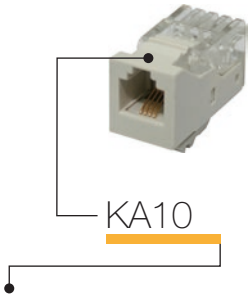


tip *type*	naziv *description*	tehnični opis *technical data*
KA10	KONEKTOR KS CAT3 *CONNECTOR KS CAT3*	RJ11 6/4
KA11	KONEKTOR KS CAT5e *CONNECTOR KS CAT5e*	RJ45 8/8
KA12	KONEKTOR KS CAT5eS *CONNECTOR KS CAT5eS*	RJ45 8/8
. . .	. . .	. . .

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

KONEKTOR SLIM KS CAT6S SCH RJ45 8/8

KA18

- 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

KONEKTOR KS HDMI

KA27

- 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

KABEL KS HDMI

KA28

- 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*
EM10	ZATEMNILNIK ROTACIJSKI *DIMMER ROTATIVE*	R 300W	1M	PW bela-sijaj *polar white*
EM12	ZATEMNILNIK ROTACIJSKI MENJALNI *DIMMER ROTATIVE 2WAY*	RL 300W	1M	SB črna-mat *soft touch black*
EM23	ZATEMNILNIK VGRADNI *DIMMER INBOX*	RC,RL 200VA	/	AT antracit *anthracite*
.	.	.	.	ES srebrna-mat *elox silver*
.	.	.	.	IW bež-sijaj *ivory white*
.	.	.	.	BL modra *blue*
				RD rdeča *red*
				GR zelena *green*
				OR oranžna *orange*
				RG rdeča/zelena *red/green*

ZATEMNILNIK ROTACIJSKI R 300W 1M

EM10PW
EM10SB
EM10AT
EM10ES
EM10IW

- rotacijski brez stikala
- tip RTS34.43 RVP, breme R, 40W - 300W
- napajanje 230V~ 50Hz
- vezava z menjalnim stikalom ni možna
- vezava večih zatemnilnikov ni dovoljena
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- LED indikacija

DIMMER ROTATIVE R 300W 1M

- rotation control without switch
- type RTS34, 43 RVP, load R, 40W - 300W
- 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

ZATEMNILNIK ROTACIJSKI/MENJALNI RL 300 W 1M

EM12PW
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
- vijačni 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
- 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
- vijačni kontakti - 1.5÷2.5mm^2

DIMMER ROTATIVE/2WAY LED 60W 1M

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

ZATEMNILNIK ROTACIJSKI/MENJALNI LED 180 W 1M

- EM14PW
- 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
- vijačni kontakti - 1.5÷2.5mm^2

DIMMER ROTATIVE/2WAY LED 180W 1M

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

ZATEMNILNIK ROTACIJSKI R 250W 1M

- EM15PW
- EM15SB
- EM15AT
- EM15ES
- EM15IW

- rotacijski brez stikala
- tip RTS34.43 RVP, breme R, 40W - 250W
- napajanje 230V~ 50Hz
- vezava z menjalnim stikalom ni možna
- vezava večih zatemnilnikov ni dovoljena
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5 mm^2
- LED indikacija

DIMMER ROTATIVE R 250W 1M

- rotation control without switch
- type RTS34, 43 RVP, load R, 40W - 250W
- supply voltage 230V~ 50Hz
- 2-way switch combination is not possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm^2
- LED indication

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 lege«
- ustreza EN60669, EN60950, EN 61000, ETSI EN 300 220-1, ETSI EN 300 220-2
- vijačna pritrditev vodnikov do preseka 2,5mm^2

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 lege«
- in accordance with EN60669, EN60950, EN 61000, ETSI EN 300 220-1, ETSI EN 300 220-2
- screw contacts to wires 2,5 mm^2

ZATEMNILNIK VGRADNI LED 250W

EM18

- vgradni, za vezavo s tipkalom
- za leading ali trailing edge
- napajanje 230 V~ 50 Hz
- možna vezava z več tipkali
- vgrajena spominska funkcija
- funkcija mehkega vklopa/izklopa
- nastavitev 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
- light intensity memory
- 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

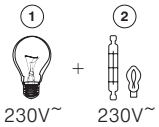
EM19

- 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 bremeni
- možna vezava z več tipkali in več zatemnilniki
- vgrajena spominska funkcija
- funkcija mehkega vklopa / izklopa
- montaža samo ene naprave v eno dozo
- samo za notranjo uporabo

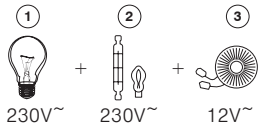
DIMMER INBOX DC LED 96W

- 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
- light intensity memory
- soft start / stop function
- only one dimmer per wall box
- only for indoor usage

EM10 (40÷300W)
EM15 (40÷300W)



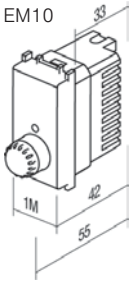
EM12 (40÷300W)



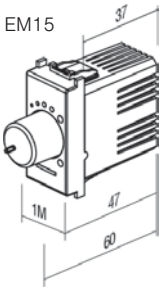
EM13 (0÷60W), EM14 (0÷180W),
EM23 (15÷250W, 15÷200VA),
EM18 (2÷250VA (3=10÷250VA), 2÷250W)

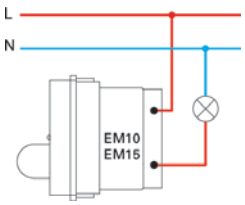
1 - žarnica z žarilno nitko / *incandescent lamp*
2 - halogenska žarnica / *halogen lamp*
3 - klasični transformator / *classical transformer*
4 - elektronski transformator / *electronic transformer*
5 - zatemnilna LED sijalka / *dimmable LED lamp*

EM10

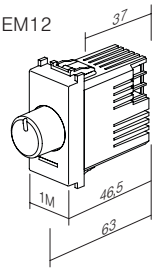


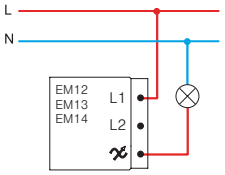
EM15

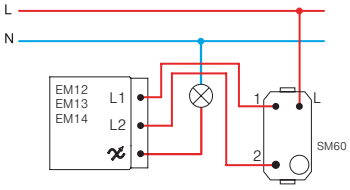




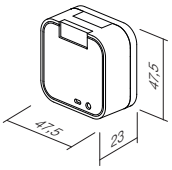
EM12

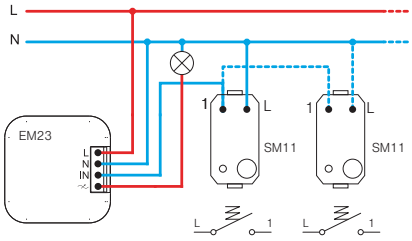




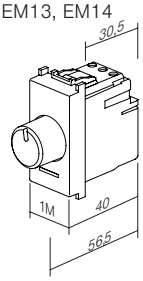


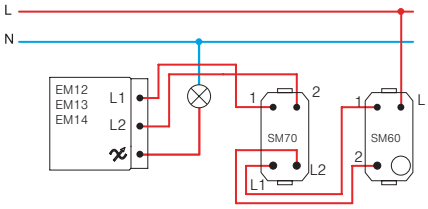
EM23



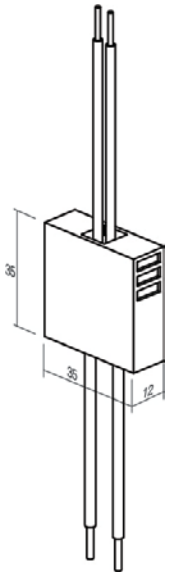


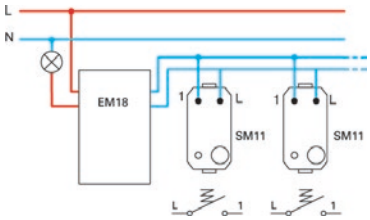
EM13, EM14



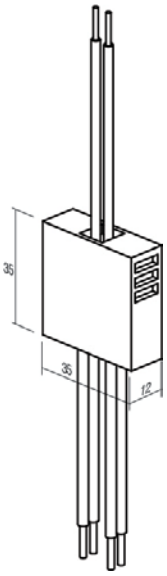


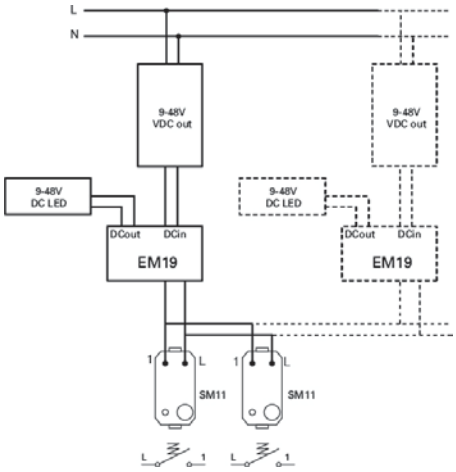
EM18





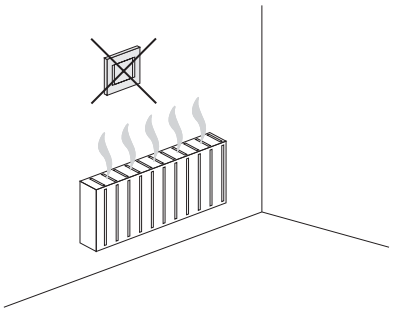
EM19





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

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



- EM25PW
- 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 nastavitev, saj ima vgrajeno spominsko funkcijo. Funkcija mehkega zagona podaljša življenjsko dobo sijalk. V tipko je vgrajena elegantna LED osvetlitev, 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 no-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. In button integrated elegant LED illumination enables many different colors and intensity levels. Optionally one can connect of up to 5 additional control tasters EM26 (»slave«).

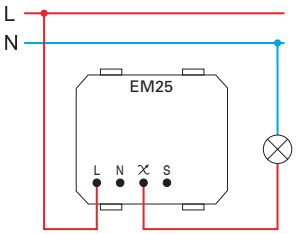
STIKALO / ZATEMNILNIK UNIVERZALNI RLC 0-300W 2M

- 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 osvetlitev, z možnostjo nastavitev 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
- vijačna 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 no-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*
- *elegant LED illumination, adjustable colour and brightness*
- *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)*

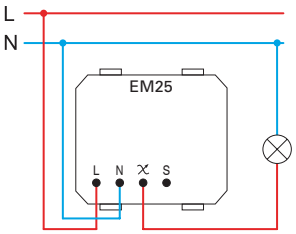
[1]dvožična vezava
two-wire connection



- dvožična vezava omogoča zatemnjevanje zatemnilnih žarnic in sijalk

- two-wire connection allows dimming of dimmable lamps

[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 no-dimmable LED and CFL lamps

	12		5	6	7
				CFL	LED
Min. Max.	40 W 300 W	40 W 300 W	40 VA 300 VA	40 VA 100 VA	40 VA 100 VA
	(F)	(F)	(F)		

	12		4	6	7	8	9
			DIMMABLE	CFL	LED	NON-DIMMABLE CFL	NON-DIMMABLE LED
Min. Max.	0 W 300 W	0 W 300 W	0 VA 120 VA	0 VA 120 VA	0 VA 120 VA	0 VA 120 VA	0 VA 120 VA
	(F)	(F)	(F)			(F)	(F)

1 - žarnica z žarilno nitko /
incandescent lamp

2 - halogenska žarnica /
halogen lamp

4 - elektronski transformator /
electronic transformer

5 - klasični transformator /
classical transformer

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

7 - zatemnilna LED sijalka /
dimmable LED lamp

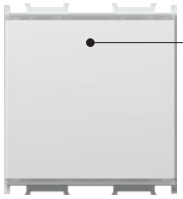
8 - nezatemnilna varčna CFL sijalka /
no-dimmable energy saving CFL lamp

9 - nezatemnilna LED sijalka /
no-dimmable LED lamp

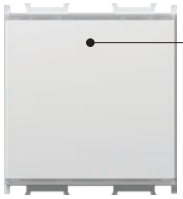
opombe /
remarks

- (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 swithcing and dimming of lamp



vklop / izklop
kratek pritisk
on / off
short press

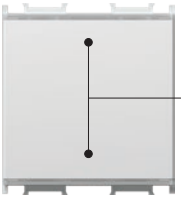


osvetljevanje
daljši pritisk
dimming up
long press

zatemnjevanje
daljši pritisk
dimming down
long press

izbira barve in nastavitev jakosti LED osvetlitve /
LED colour selection and intensity level adjustment

izklop luči
kratek pritisk
lamp off
short press

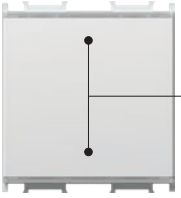


hkratni pritisk ~3s
vgrajena lučka 3x utripne
simultaneous press ~3s
integrated LED blinks 3 times

izbira barve
kratek pritisk
colour selection
short press

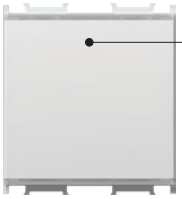
osvetljevanje vgrajene LED
daljši pritisk
integrated LED dimming up
long press

zatemnjevanje vgrajene LED
daljši pritisk
integrated LED dimming down
long press

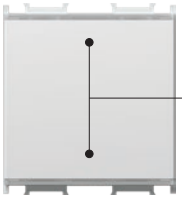


shranitev nastavitev - hkratni kratek pritisk
vgrajena lučka 3x utripne
settings saving - simultaneous short press
integrated LED blinks 3 times

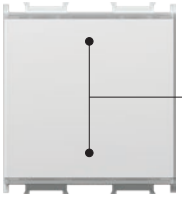
*funkcija "RESET" /
"RESET" function



izklop luči
kratek pritisk
lamp off
short press



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

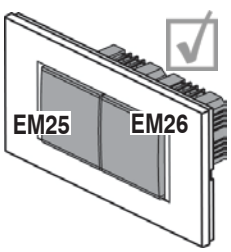


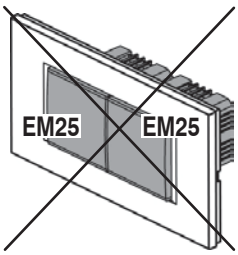
ponovni hkratni pritisk ~5s
vgrajena lučka 5x utripne
re-simultaneous press ~5s
integrated LED blinks 5 times

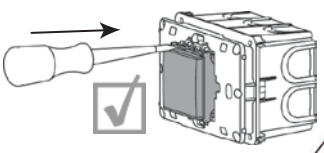
* - priporočamo ob vgraditvi zatemnilnika in menjavi žarnic ali sijalk
- obvezno ob uporabi nezatemnilnih sijalk
- funkcija "RESET" pri uporabi dvožične vezave ne deluje
- možno samo pri EM25

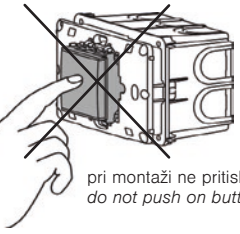
- it is recommended at dimmer installation and lamp replacement
- mandatory when using no-dimmable lamps
- "RESET" function is not possible when using two-wire connection
- only possible on EM25

opozorila za vgradnjo /
installation precautions









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

TIPKALO UPRAVLJALNO 2M

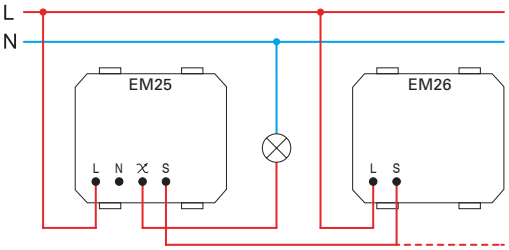
- EM26PW
- EM26SB
- EM26AT
- EM26ES
- EM26IW

- 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)

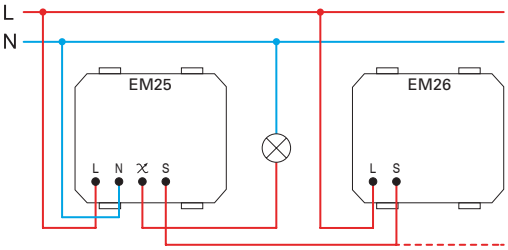
PUSH-BUTTON CONTROL UNIT 2M

- *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



(2) trožična vezava
three-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*

- 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*

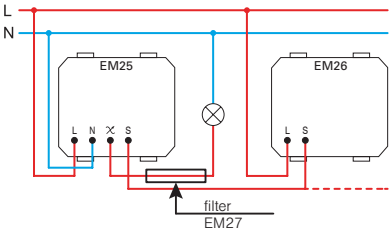
FILTER OMREŽNIH MOTENJ

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

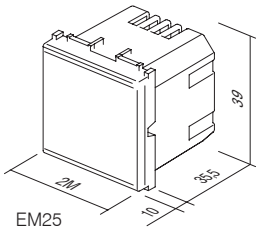
EM25PPOL20

- 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
- EM31SB
- EM31AT
- EM31ES
- EM31IW

- IR infrardeče stikalo
- napajanje: 230V~ ±10 % 50Hz
- rele: 5A / 250V~ izhod za omejen tok z visokim uporom za 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~ output for limited current with high resistance for zero crossing
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 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

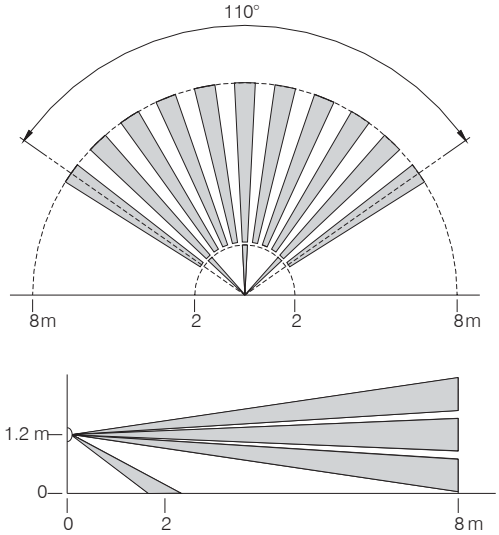
- EM32PW
- EM32SB
- EM32AT
- EM32ES
- EM32IW

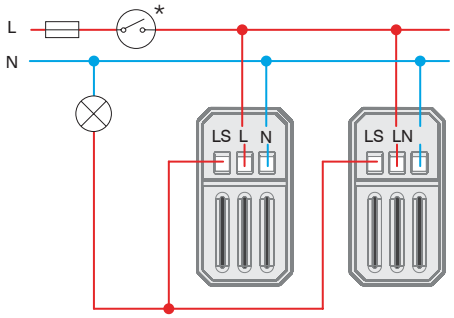
- IR infrardeče stikalo
- napajanje: 230V~ ±10 % 50Hz
- rele: 5A / 250V~ izhod za omejen tok z visokim uporom za zero crossing
- stopnja varnosti: IP40
- presek žic pri stičniku: 0,75 - 2,5 mm²
- kot zaznavanja: do 110° pri 20°C
- območje zaznavanja: približno 8 m pri 20°C
- nastavljivost časovnega trajanja: 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~ output for limited current with high resistance for zero crossing
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 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

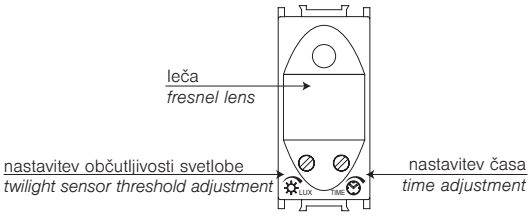
območje zaznavanja /
detection range





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

nastavitev občutljivosti in časa osvetlitve /
time and twilight adjustment



	5 LUX	200 LUX
	~5 s	~12 min

	1	2	3	4	5	6	7	8
			Ω				CFL	LED
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 - uporovno grelno telo /
resistive heating element

4 - elektronski transformator /
electronic transformer

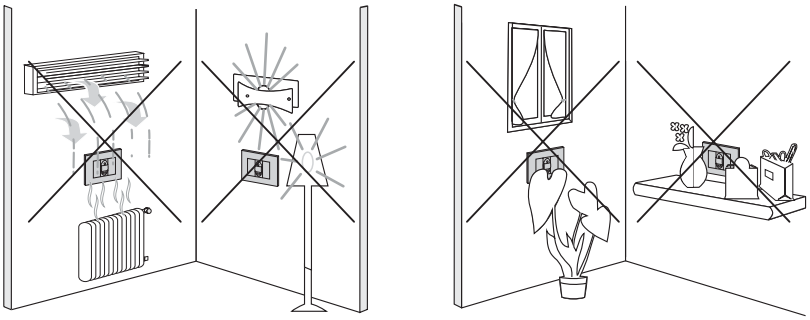
5 - fluorescentna cev (izvedba 1) /
fluorescent tube (version 1)

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

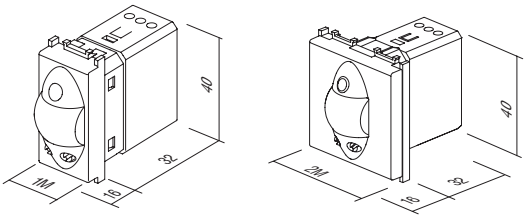
7 - varčna CFL sijalka /
energy saving CFL lamp

8 - LED sijalka /
LED lamp

opozorila /
attention



1M = 22,5 x 45



TERMOSTAT OSNOVNI 6A 230V~ 2M

- EM37PW
- EM37SB
- EM37AT
- EM37ES
- EM37IW

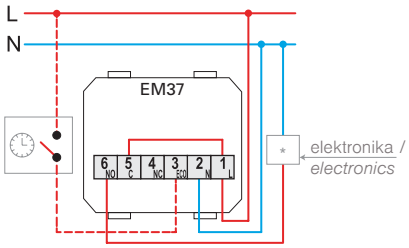
- termostat elektronski osnovni
- način delovanja: ogrevanje / hlajenje / izklop
- napajanje: 230 VAC, 50 Hz
- izhod: 6(2) A, 230 VAC, preklopni rele
- območje regulacije: +10 °C do +30 °C
- histereza: ±0,5 °C, ED = 20min
- zaščita proti zmrzovanju (način ogrevanje): +6 °C
- zaščita proti pregrevanju (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 proženjem preko ločenega vhoda
- LED indikacija 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 lučk. Nastavljanje termostata se vrši s pomočjo rotacijskega gumba za nastavitev 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 lights. Thermostat setup is performed with the help of a rotary button for setting the temperature
and with other capacitive touch buttons.

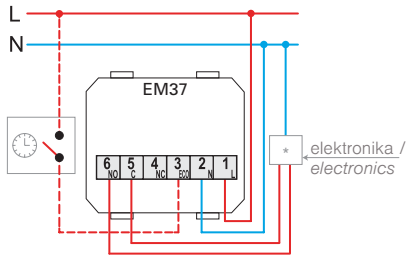
THERMOSTAT BASIC 6A 230 V ~ 2M

- *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 indication of 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*

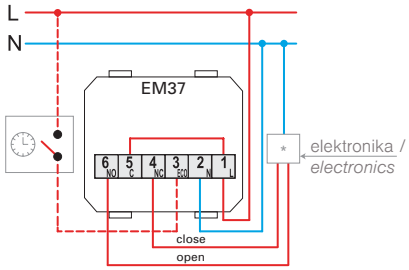


obtočna črpalka, gorilnik (direktna priključitev), termoelektrični pogon /

circulation pump, burner (direct connection) thermoelectric drive

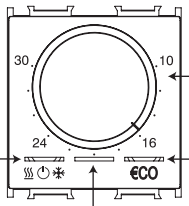


kotel, toplotna črpalka, gorilnik (krmilni vhod T1/T2) /
boiler, heat pump, burner (control input T1/T2)



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

nastavitev delovanja in temperature /
function and temperature adjustment



nastavitev temperature
temperature setting

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

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

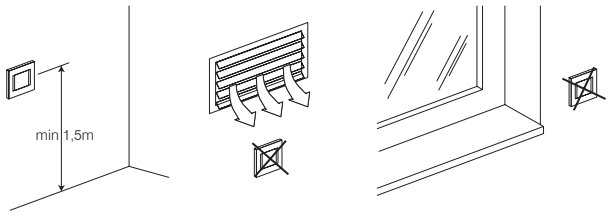
tipka za izbiro "ECO" režima in LED indikator "ECO" režima
zelena: ECO režim vklopljen
oranžna: adaptivni ECO aktiviran
ne sveti: dnevni režim

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

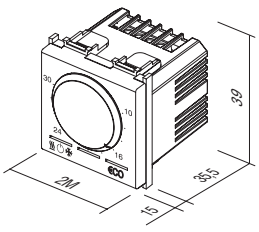
LED indikator stanja izhodnega releja
bela: rele vklopljen
ne sveti: rele izklopljen

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

opozorila /
attention



2M = 45 x 45



NOSILEC Z VIJAKI ZA TERMOSTATE FANTINI COSMI 3M

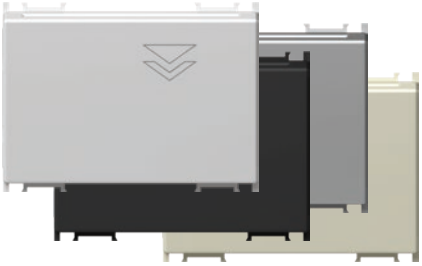
NM39

- 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

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



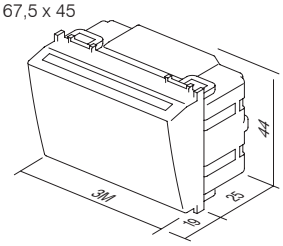
- ☐ EM40PW
- ■ EM40SB
- ■ EM40AT
- ■ EM40ES
- ☐ EM40IW

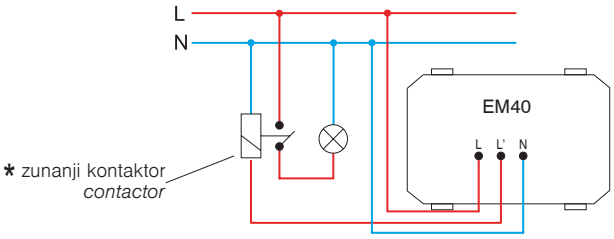
- kartično stikalo osnovno, poljubna ISO kartica
- napajanje 230V~ 50Hz
- izhod 3A 250V~ za vklop zunanjega kontaktorja *
- zakasnitev izklopa 15-20s
- ustreza EN 61000-6-1
- kartica ni priložena
- ni namenjeno kontroli pristopa

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





KARTICA ISO

EM47

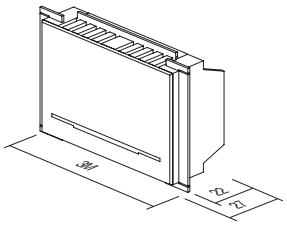
- ISO kartica
- za uporabo s kartičnim stikalom EM40
- velikost: 85x54 mm

CARD ISO

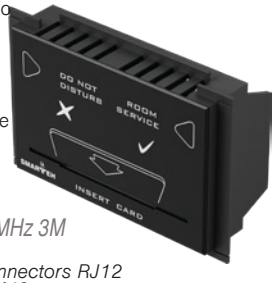
- ISO card
- for combination with card switch EM40
- size: 85x54 mm

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

■ EM44BK



- 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

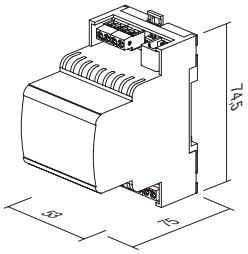


ENERGY SAVER CARD SWITCH RF HF 13,56MHz 3M

- *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~

EM49



- 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*

RAZDELILNIK SPL-1

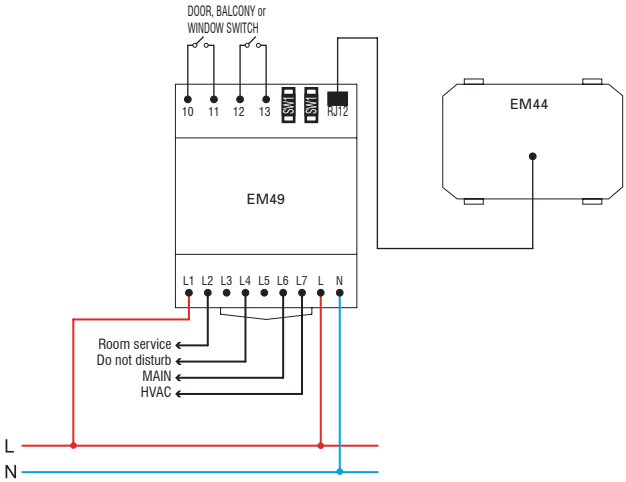
EM45

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

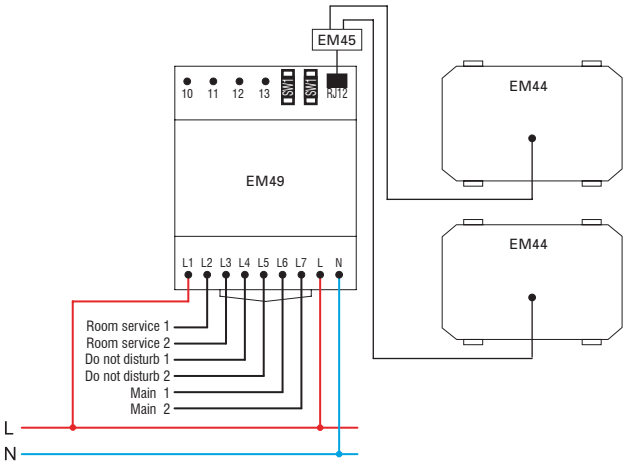
SPLITTER SPL-1

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

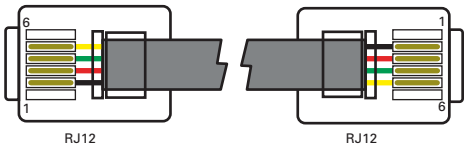
vezalna shema za enosobno delovanje /
wiring diagram for single room implementation



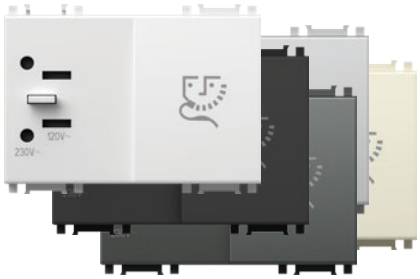
vezalna shema za dvosobno delovanje /
wiring diagram for double room implementation



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



VTIČNICA ZA BRIVNIK 230V~/120V~ 3M



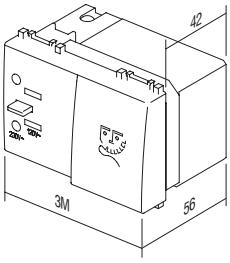
- EM60PW
- EM60SB
- EM60AT
- EM60ES
- EM60IW

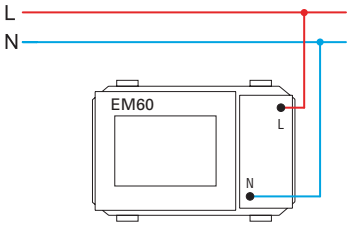
- vtičnica za brivnik z ločilnim transformatorjem 20VA
- vhod: 230V~ 50-60Hz
- izhod:
  230V~ za 2P 2.5A EURO vtič ali
  120V~ za 2P 15A ameriški vtič
- razred zaščite II
- ustreza EN 61558-2-5

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

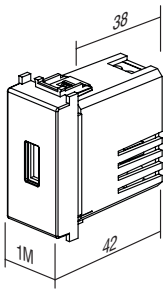


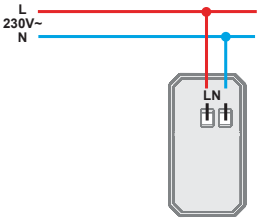


POLNILNIK USB 5V 2,1A 1M

- EM66PW
- EM66SB
- EM66AT
- EM66ES
- EM66IW

- 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 mV pri 230 V~
- izhodna napetost: 5 VDC (±5 %) SELV
- nihanje izhodne napetosti: 150 mV
- nominalni izhodni tok: 2,1 A (1 x 2.100 mA) (±10 %)
- ucinkovitost: maksimalno 77 %
- temperatura delovanja: 0 °C/+ 45 °C (notranja uporaba)
- IP zaščitni razred: IP20, samo za notranjo uporabo
- varnostni razred napreve II
- prenapetostna zaščita (EN 62109): razred III
- vijacna pritrditev vodnikov max. 2.5 mm²
- naprava z odmikom kontaktov min. 3 mm
- ustreza standardu EN 60950-1 in direktivam EMC in LVD





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

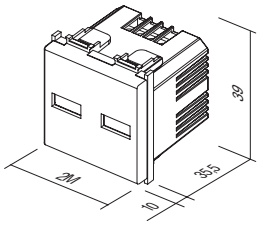
- for charging of electronic devices via a standard USB port (also compatible with Apple devices)
- power supply: 100-230V~ 50/60Hz
- power consumption: 300mA at 100V~/150mA at 230V~
- standby power consumption: 30mW at 230V~
- nominal output voltage: 5 VCD (± 5%) SELV
- output ripple voltage: 150mV
- nominal output current: 2,1A (1 x 2.100mA) (±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

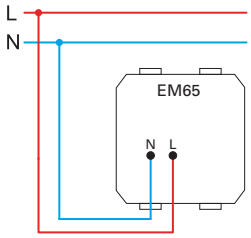
POLNILNIK USB 5V 1A 2M

- EM65PW
- EM65SB
- EM65AT
- EM65ES
- EM65IW

- za polnjenje elektronskih naprav preko standardnega USB priključka (kompatibilno tudi z Apple napravami)
- omogoča hkratno polnjenje dveh naprav
- napajanje: 230V~ 50Hz
- poraba v mirovanju: 50 mW pri 230V~
- izhodna napetost: 5 VDC (±5%) SELV
- nihanje izhodne napetosti: 150 mV
- nominalni izhodni tok: 1 A (1 x 1.000 mA ali 2 x 500 mA) (±10%)
- učinkovitost: več kot 67%
- IP zaščitni razred: IP20, samo za notranjo uporabo
- vijačna pritrditev vodnikov max. 2.5 mm²
- ustreza standardom EN 60950-1 in EMC direktivi
- polnilnik mora biti varovan z ustreznim zunanjim odklopnikom

2M = 45 x 45





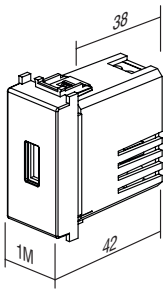
POWER SUPPLY UNIT USB 5V 1A 2M

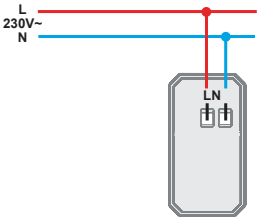
- for charging of electronic devices via a standard USB port (also compatible with Apple devices)
- enables charging of two devices simultaneously
- power supply: 230V~ 50Hz
- stand-by power consumption: 50 mW at 230V~
- nominal output voltage: 5 VDC (±5%) SELV
- output ripple voltage: 150 mV
- nominal output current: 1 A (1 x 1.000 mA or 2 x 500 mA) (±10%)
- efficiency: greater than 67%
- IP protection class: IP20, indoor use only
- screw contacts: max. 2.5 mm²
- in accordance with EN 60950-1 and EMC directive
- an appropriate external disconnect device needs to be considered as part of installation

POLNILNIK USB 5V 2,4A 1M

☐ EM67PW
■ 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 mV pri 230 V~
- izhodna napetost: 5 VDC (±5 %) SELV
- nihanje izhodne napetosti: 150 mV
- nominalni izhodni tok: 2,4 A (±10 %)
- ucinkovitost: maksimalno 77 %
- temperatura delovanja: 0 °C/+ 45 °C (notranja uporaba)
- IP zaščitni razred: IP20, samo za notranjo uporabo
- varnostni razred napreve II
- prenapetostna zaščita (EN 62109): razred III
- vijacna pritrditev vodnikov max. 2.5 mm²
- naprava z odmikom kontaktov min. 3 mm
- ustreza standardu EN 60950-1 in direktivam EMC in LVD





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

- *for charging of electronic devices via a standard USB port (also compatible with Apple devices)*
- *power supply: 100-230V~ 50/60Hz*
- *power consumption: 300mA at 100V~/150mA at 230V~*
- *standby power consumption: 30mW at 230V~*
- *nominal output voltage: 5 VCD (± 5%) SELV*
- *output ripple voltage: 150mV*
- *nominal output current: 2,4A (±10%)*
- *efficiency: maximum of 77%*
- *operating temperature: 0°C/+45°C (indoor use)*
- *IP protection class: IP20, indoor use only*
- *class device II*
- *overvoltage category (EN 62109): Class III*
- *screw contacts: max. 2.5 mm²*
- *device with a contact gap of at least 3mm*
- *in accordance with EN 60950-1 and LVD & EMC directives*

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

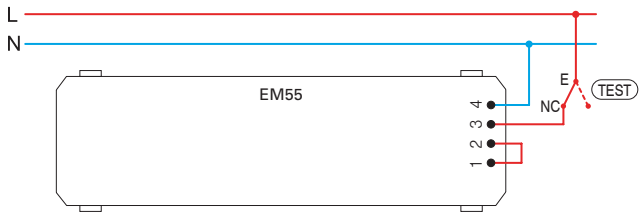
☐ EM55

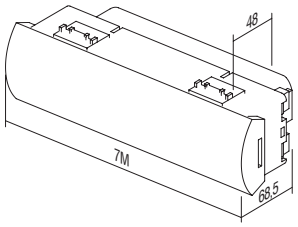
- zasilna LED svetlika
- napajanje 250V~ 50Hz 3xLED 0,3W, 10000mcd, 6500°K
- NiCd akumulator 400 mAh, zamenljiv
- avtonomija 3h, polnenje 24h
- razred zaščite II
- ustreza EN 60598-1, EN 60598-2-2, EN 60598-2-22

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

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

7M = 151,5 x 45





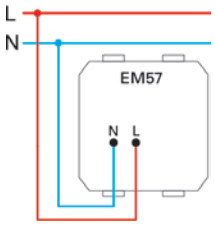
LED ZASILNA SVETILKA 230V~50Hz, 0.5W, NiMH 2h 2M

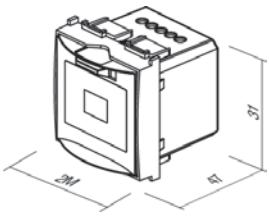
EM57

- zasilna LED svetilka
- možnost uporabe kot prenosne ročne svetilke (izvlečni mehanizem)
- napajanje 230V 50Hz 1xLED 0.5W
- NiMH akumulator 140mAh, zamenljiv
- avtonomija 2 h, polnjenje 36 h
- varnostni razred naprave II
- ustreza EN60598-1, en60598-2-2, EN62471, EN55015:2006, EN61547

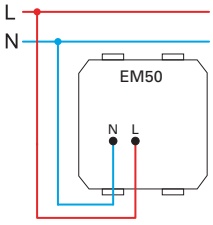
LED EMERGENCY LIGHT 230V~50Hz, 0.5W, NiMH 2h 2M

- *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*





SVETILKA LED ENOBARVNA 250V~ 0,8W 2M



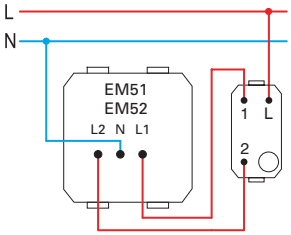
- EM50WH
- EM50BL
- EM50RD
- EM50GR

- LED svetilka za osvetlitev stopnišč ali hodnikov
- napajanje 230V~ 50Hz 0,8W, 6500°K
- razred zaščite II
- ustreza EN 60598-1
- uporaba tudi za usmerjanje ali signalizacijo z možnostjo laserskega tiska poljubne grafike

LED LAMP MONOCOLOR 250V~ 0,8W 2M

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

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



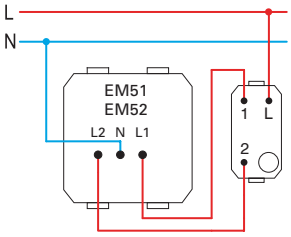
- EM51RG

- LED dvobarvna svetilka (rdeča/zelena) za signalizacijo
- napajanje 230V~ 50Hz 2x0,4W, 6500°K
- 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, 6500°K*
- *Class II*
- *in accordance with EN 60598-1*
- *diffuser includes graphics as shown*
- *possible customized laser printing on diffuser*

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

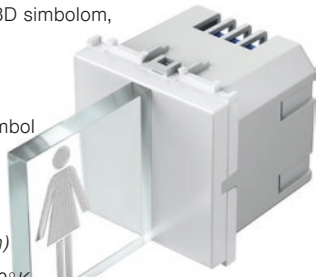


- EM52RG
- EM52RG90
- EM52RG91
- EM52RG99

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

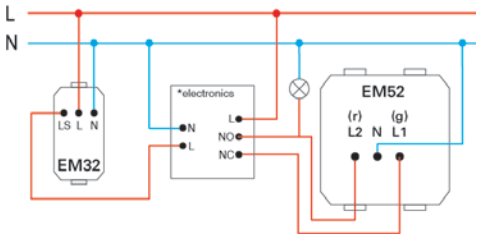
LED LAMP 3D DUAL COLOR 250V~ 2x0,4W 2M

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

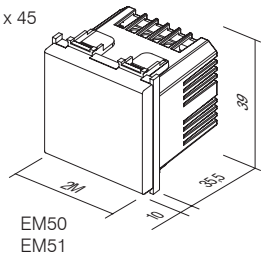


EM52RG91

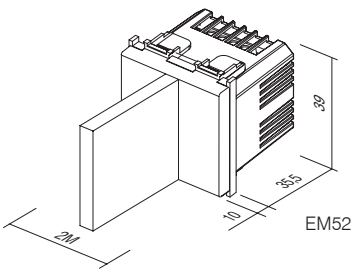
EM52RG90



2M = 45 x 45



EM50
EM51

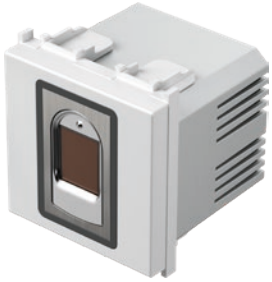


EM52

STIKALO NA PRSTNI ODTIS BIOPASS 2M

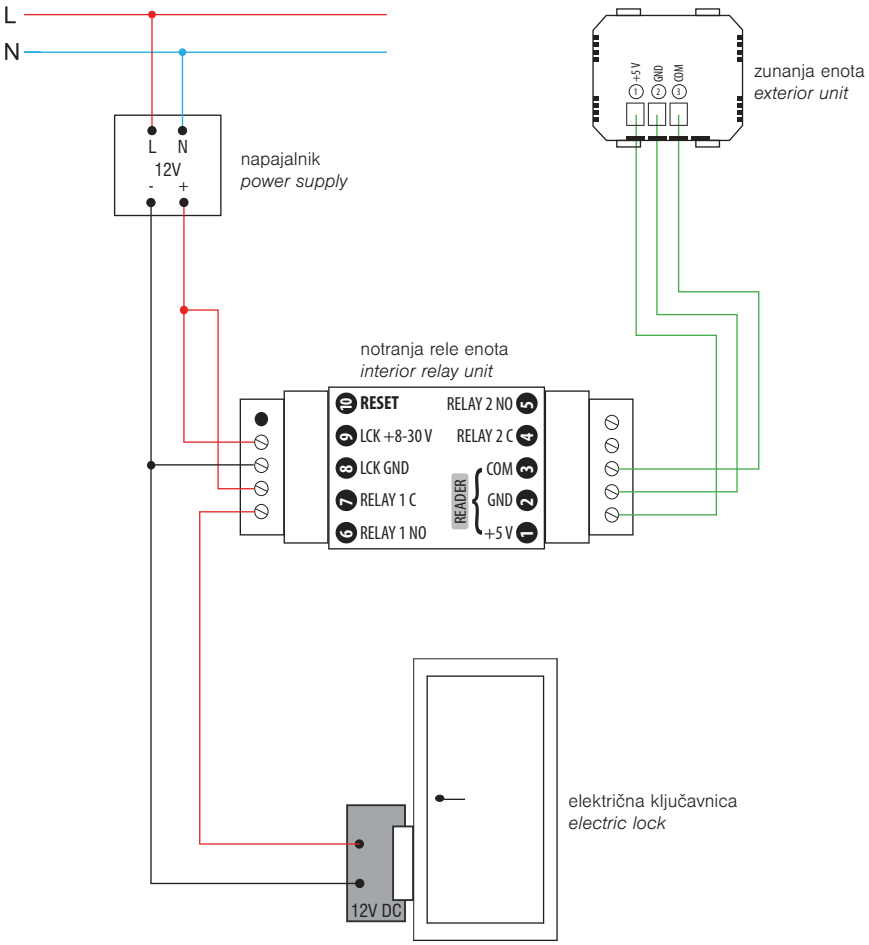
- EM71PW
- EM71SB
- EM71AT
- EM71ES
- EM71W

- 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
- 256-bitna enkripcija povezave med stikalom in notranjo rele enoto

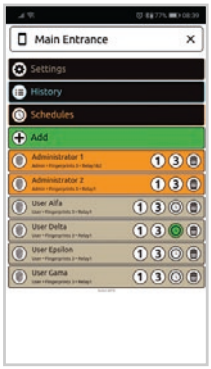


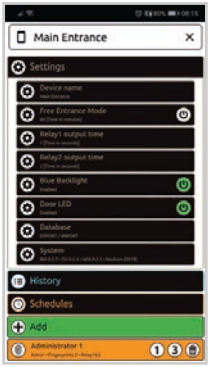
FINGERPRINT SWITCH BIOPASS 2M

- *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*



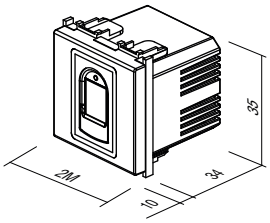
X-Manager app





podpora.tem.si

zunanja enota
exterior unit



STIKALO BREZDOTIČNO 10A 240V~

EM80GW

- stikalo brezdotično za vklop in izklop (”master”)
- napajanje: 240 V~ 50 Hz
- izhodni rele 10A / 250V~ (2400W pri 240V~)
- nastavljiv 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

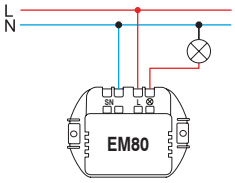
STIKALO BREZDOTIČNO UPRAVLJALNO

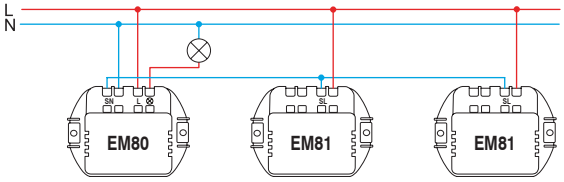
EM81GW

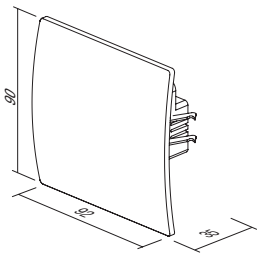
- stikalo upravljalno (»slave«)
- deluje samo v povezavi s stikalom EM80 (”master”)
- nastavljiv domet od 2 do 10 cm
- enostavna montaža dekorativnih okvirjev s pomočjo magnetov
- vijačna pritrditev vodnikov do 2,5 mm² (maks. moment privitja vijakov 0,4 Nm)
- ustreza EN 60669-1 in EN 60669-2-1
- samo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

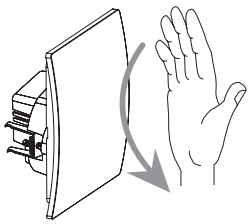
SWITCH, TOUCHLESS, CONTROL UNIT

- 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

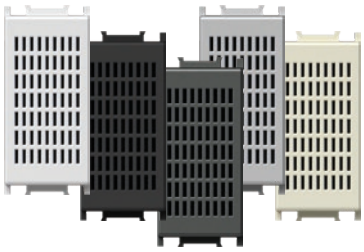








BRENČAČ 8VA 230V~ 1M



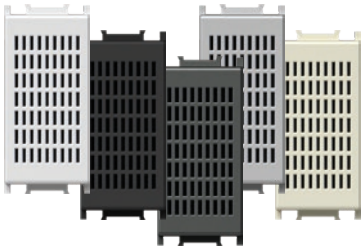
- EM90PW
- EM90SB
- EM90AT
- EM90ES
- EM90IW

- signalni brenčač
- 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



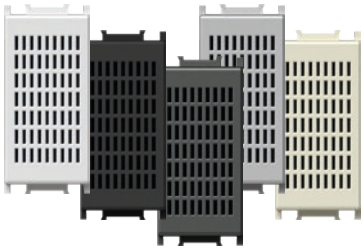
- EM91PW
- EM91SB
- EM91AT
- EM91ES
- EM91IW

- signalni brenčač
- 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



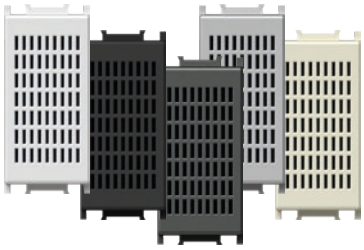
- EM92PW
- EM92SB
- EM92AT
- EM92ES
- EM92IW

- 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



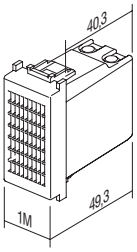
- EM93PW
- EM93SB
- EM93AT
- EM93ES
- EM93IW

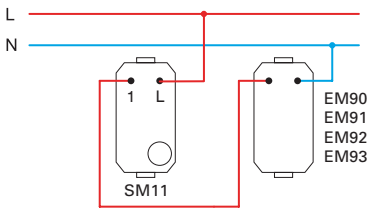
- signalni zvonec
- dolžina zvoka je enaka dolžini pritiska na tipko
- napajanje 12V~ 50Hz 8VA

BELL 8VA 12V~1M

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

EM90
EM91
EM92
EM93

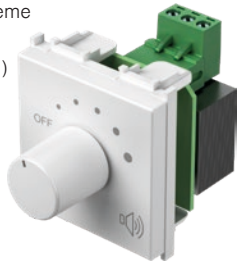




REGULATOR GLASNOSTI ZA 100V AVDIO LINIJO 35W 2M

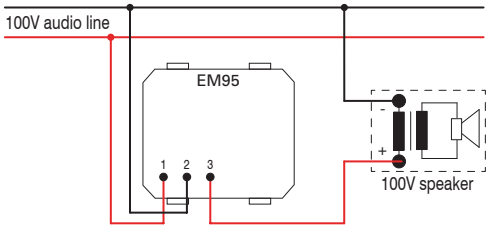
- EM95PW
- EM95SB
- EM95AT
- EM95ES
- EM95IW

- 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*



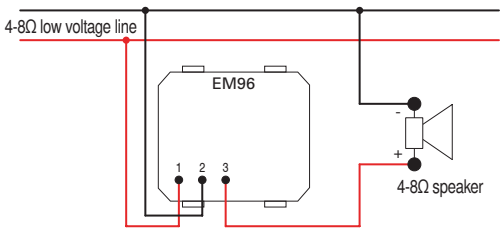
REGULATOR GLASNOSTI NIZKOOHMSKI 4-8 Ω 35W 2M

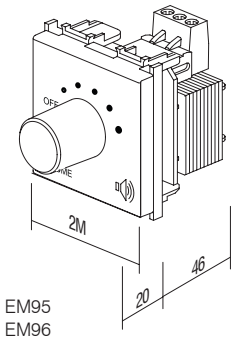
- EM96PW
- EM96SB
- EM96AT
- EM96ES
- EM96IW

- 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*



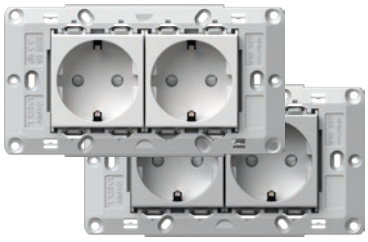


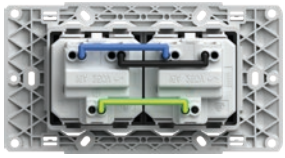
EM95
EM96

CM25 PW OS

tip *type*	naziv *description*	tehnični opis *technical data*	velikost *size*	barva *colour*		opcijski opis 1 *optional data 1*	
CM10	SET VTIČNIC 2x SCHUKO *SOCKET SET 2x SCHUKO*	2P+E 16A 250V~	4M	PW	bela-sijaj *polar white*	OL	okvir LINE *cover plate LINE*
CM11	SET VTIČNIC 3x SCHUKO *SOCKET SET 3x SCHUKO*	2P+E 16A 250V~	7M	SB	črna-mat *soft touch black*	OS	okvir SOFT *cover plate SOFT*
CM15	SET VEZNIKOV BARVNI *LINK WIRE SET*	3x1.5mm²	1M	AT	antracit *anthracite*		
. . .	. . .	. . .	. . .	ES	srebrna-mat *elox silver*		
				IW	bež-sijaj *ivory white*		

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



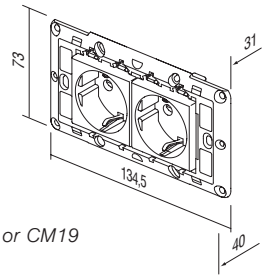


☐ CM10PW
☐ CM10ES

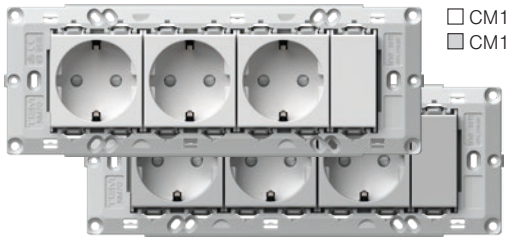
- set vtičnic 2x schuko VM10 2P+E 16A 250V~
- vtičnici povezani z vezniki CM16
- z nosilcem 4M brez vijakov
- za pritrditev nosilcev uporabiti vijake CM17, CM18 ali CM19
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- ustreza IEC 60884-1, CEE7

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

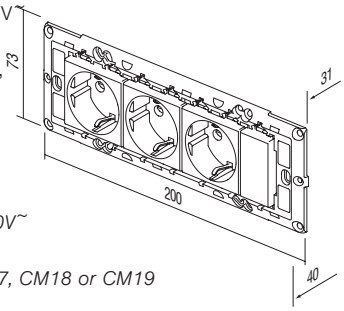


☐ CM11PW
☐ CM11ES

- set vtičnic 3x schuko VM10 2P+E 16A 250V~
- vtičnice povezane z vezniki CM16
- z nosilcem 7M brez vijakov
- za pritrditev nosilcev uporabiti vijake CM17, CM18 ali CM19
- vijačna pritrditev 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*



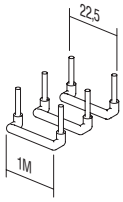
SET VEZNIKOV BARVNI 3x1.5mm² 1M

CM15

- set veznikov za povezavo dveh elementov velikosti 1M
- vsebuje 10 črnih, 10 modrih in 10 rumeno-zelenih veznikov

LINK WIRE SET 3x1.5mm² 1M

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



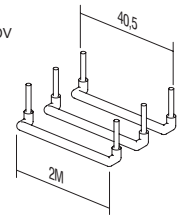
SET VEZNIKOV BARVNI 3x2.5mm² 2M

CM16

- set veznikov za povezavo dveh elementov velikosti 2M
- vsebuje 10 črnih, 10 modrih in 10 rumeno-zelenih veznikov

LINK WIRE SET 3x2.5mm² 2M

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



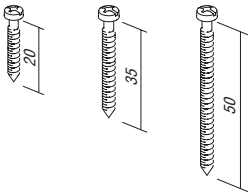
SET VIJAKOV 3,5

CM17
CM18
CM19

- set vijakov za pritrditev nosilcev setov NM30, NM32, NM40, NM41, NM70
- CM17 - l=20mm, 100kos
- CM18 - l=35mm, 50kos
- CM19 - l=50mm, 50kos

SCREW SET 3,5

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



SET ZA STIKALA IP44 2M

☐ CM22PW

- za vgradnjo v vlažne prostore
- IP44 zaščito zagotavlja za vsa stikala Modul
- stikala in tipke niso sestavni del seta
- okvir SOFT 2M z napisno ploščico
- ustreza IEC 60669-1

SET SWITCHES IP44 2M

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

SET ZA VTIČNICE IP44 2M

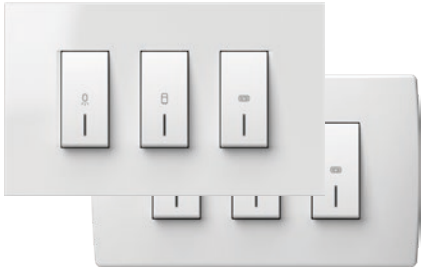
☐ CM23PW

- za vgradnjo v vlažne prostore
- IP44 zaščito zagotavlja le v kombinaciji z vtičnico s pokrovom (VM11, VM41)
- vtičnice niso sestavni del seta
- okvir SOFT 2M z napisno ploščico
- ustreza IEC 60884-1

SET SOCKETS IP44 2M

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

KOPALNIŠKI SET 3x20A 250V~ 4M



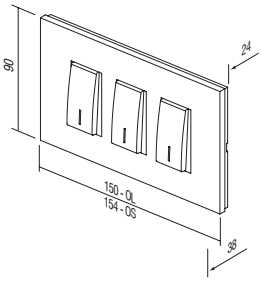
☐ CM25PWOL
■ CM25IWOL

☐ CM25PWOS
■ CM25IWOS

- set stikal 3xSM12 20A 250V~ z nosilcem in okvirjem
- vijačna pritrditev vodnikov 1.5-2.5mm²
- ustreza EN 60669-1
- možnost pritrditve na že vgrajene doze pritrditvenih mer od 108 do 135mm ali na doze velikosti 4M
- višina okvirja 90mm

SWITCH SET FOR BATHROOM 3x20A 250V~ 4M

- switch set 3xSM12 20A 250V~ with mounting frame and cover plate
- screw contacts 1.5-2.5mm²
- in accordance with EN 60669-1
- universal solution for renovation on boxes with fixing dimmensions 108-135mm or boxes 4M size
- cover plate height 90mm



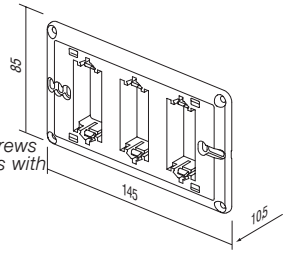
NOSILEC KOPALNIŠKI SET 4M

NM41

- nosilec kopalniški set univerzalni z vijaki
- možnost pritrditve na že vgrajene pravokotne doze pritrditvenih mer od 108 do 135mm ali na doze velikosti 4M
- ustreza EN 60669-1

MOUNTING FRAME BATHROOM SET 4M

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



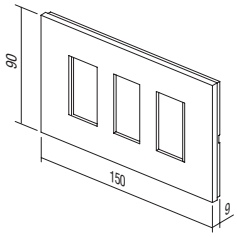
OKVIR LINE KOPALNIŠKI SET

OL41PW
OL41NB
OL41IW
OL41ES
OL41SG
OL41IB

- dekorativni okvir kopalniški set LINE
- višina 90mm
- ustreza EN 60669-1

COVER PLATE LINE BATHROOM SET

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



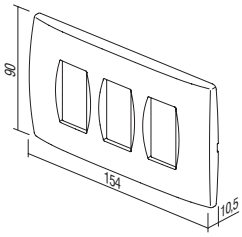
OKVIR SOFT KOPALNIŠKI SET

OS41PW
OS41NB
OS41IW
OS41ES
OS41SG
OS41SB
OS41WE

- dekorativni okvir kopalniški set SOFT
- višina 90mm
- ustreza EN 60669-1

COVER PLATE SOFT BATHROOM SET

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



A N T I B A K T E R I J S K I P R O G R A M M O D U L

TM11 AW IN

tip type	naziv description	velikost size	barva colour	opcijski opis 1 optional data 1
TM11	TIPKA BUTTON	1M	☐ AW antibakterijsko bela antibacterial white	NT nevtral neutral
TM21	POLNILO BLANK	1M		IN indikator indicator
VM10	VTIČNICA SOCKET	2M		
. . .	. . .	. . .		

ANTIBAKTERIJSKI PROGRAM MODUL

- stikala in vtičnice so vsakodnevno izpostavljene dotiku večjega števila ljudi, zato so to pogosta mesta za razvoj in širjenje bakterij
- zahvaljujoč svojim naravnim antibakterijskim lastnostim je srebro že 3 tisočletja v uporabi kot varno in učinkovito dezinfekcijsko sredstvo, saj je popolnoma naravno ter zdravju in okolju prijazno
- poseben antibakterijski dodatek srebrovih ionov zagotavlja dolgoročno, zanesljivo in učinkovito zaščito pred razvojem in širjenjem različnih bakterij, virusov, mikrobov in glivic
- antibakterijska zaščita pomeni večjo higieničnost, čistočo in zdravje ljudi
- antibakterijski program MODUL je primeren za uporabo povsod, kjer veljajo strogi higienski pogoji (bolnišnice, zdravstveni domovi, farmacevtski objekti, domovi za starejše, negovalni domovi, laboratoriji, restavracije, hoteli, letališča, avtobusne in železniške postaje, poslovni in trgovski prostori, javne institucije ...)
- laboratorijska testiranja so bila opravljena v neodvisni instituciji na podlagi najvišjih japonskih standardov JIS Z 2801
- nizki stroški za zagotavljanje zdravja ljudi
- oblika in funkcionalnost antibakterijskega programa MODUL omogočata enostavno čiščenje in vzdrževanje
- antibakterijski program MODUL kombiniramo z antibakterijskimi tipkami, okvirji in vtičnicami skupaj s klasičnimi nosilci in stikali
- vsak izdelek je zaradi lažje identifikacije na zadnji strani označen z AW (antibacterial white)

ANTIBACTERIAL PROGRAM MODUL

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

TIPKA 1M

☐ TM11AW

- zamenljiva tipka velikosti 1M
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

BUTTON 1M

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

TIPKA 1M INDIKATOR

☐ TM11AWIN

- zamenljiva tipka velikosti 1M
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

BUTTON 1M INDICATOR

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

TIPKA 2M

☐ TM12AW

- 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

BUTTON 2M

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

TIPKA 2M INDIKATOR

☐ TM12AWIN

- 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

BUTTON 2M INDICATOR

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

POLNILO 1M

☐ TM21AW

- za zapolnjevanje praznih mest
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

BLANK 1M

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

POLNILO 2M

☐ TM22AW

- za zapolnjevanje praznih mest
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

BLANK 2M

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

VTIČNICA SCHUKO+KS 2P+E 16A 250V~ 2M

☐ VM10AW

- 2P+E schuko
- 16A 250V~, tip VM10
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts
- antibacterial protection in accordance with JIS Z 2801

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

☐☐ VM11AW

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

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

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

VTIČNICA EURO+KS 2P 10A 250V~ 1M

☐ VM20AW

- 2P euro
- 10A 250V~, tip VM20
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška 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
- KS build-in child protection - shuttered live contacts
- antibacterial protection in accordance with JIS Z 2801

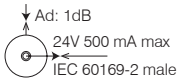
VTIČNICA TV KONČNA 1dB 1M

☐ KM11AW

- 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



ADAPTER KS 1M

☐ KM35AW

- 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

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

OKVIR SOFT 2M

OS20AW

- dekorativni okvir SOFT 2M
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

COVER PLATE SOFT 2M

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

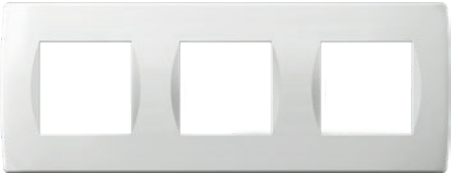
OKVIR SOFT 2x2M

OS24AW

- dekorativni okvir SOFT 2x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

COVER PLATE SOFT 2x2M

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



OKVIR SOFT 3x2M

OS26AW

- dekorativni okvir SOFT 3x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

COVER PLATE SOFT 3x2M

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

OKVIR SOFT 3M

OS30AW

- dekorativni okvir SOFT 3M
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

COVER PLATE SOFT 3M

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

OKVIR SOFT 4M

OS40AW

- dekorativni okvir SOFT 4M
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

COVER PLATE SOFT 4M

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

OKVIR SOFT 7M

OS70AW

- dekorativni okvir SOFT 7M
- ustreza EN 60669-1
- antibakterijska zaščita skladna z JIS Z 2801

COVER PLATE SOFT 7M

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

OKVIRJI PURE OP

les
wood

WB bambus
bamboo

WW oreh
walnut

WM javor
maple

WE wenge
wenge

Narava je edinstvena in dragocena, kot naši okvirji, med katerimi ni enakega.
Reklamacij glede različnosti izgleda in medsebojnega razlikovanja pri lesenih okvirjih ne moremo upoštevati.

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

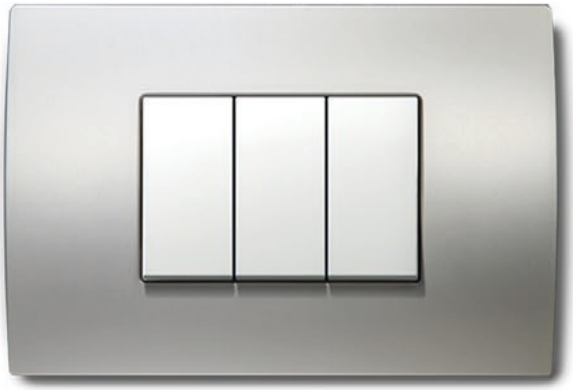
C O V E R P L A T E S P U R E O P

kovina
metal

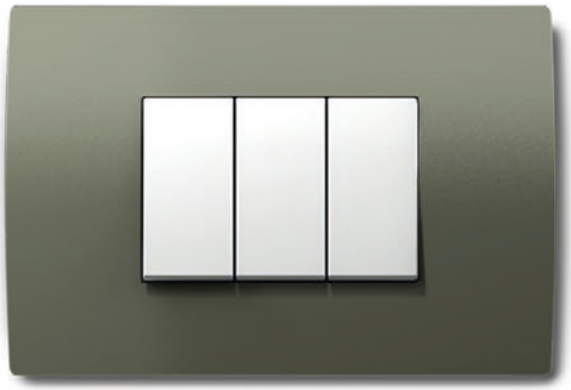
MH kovano jeklo
hammered steel

ME zarjavelo železo
etched iron

MS satinirano srebro
satin silver

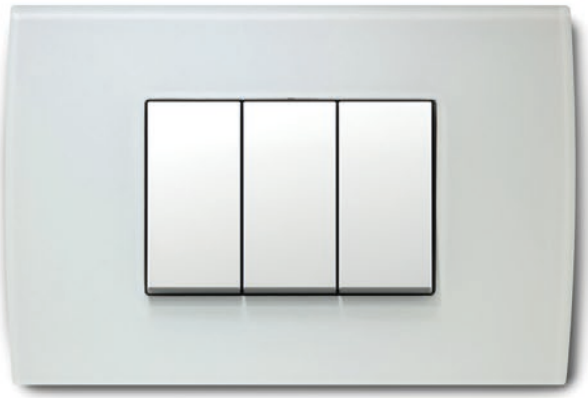


MN satiniran nikelj
satin nickel

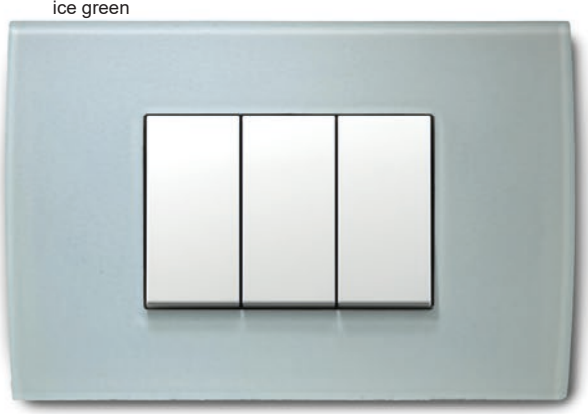


steklo
glass

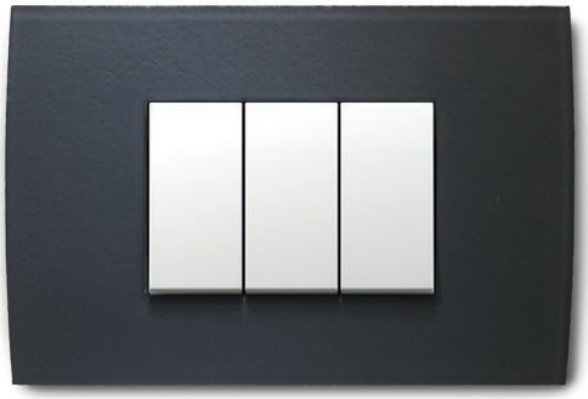
GW ledeno bela
ice white



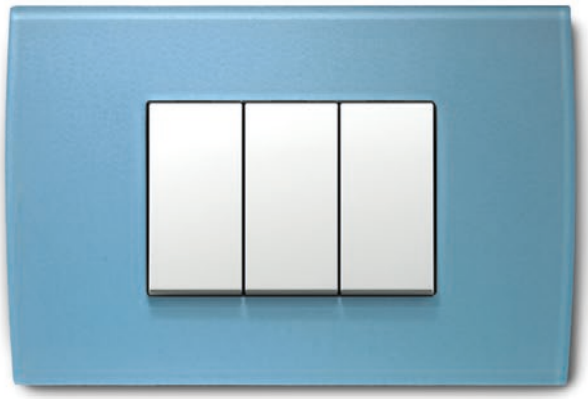
GG ledeno zelena
ice green



GY ledeno sive
ice grey



GB ledeno modra
ice blue



O K V I R J I P U R E O P

OP30 WB

tip type	naziv description	velikost size	barva colour							
OP13	OKVIR PURE COVER PLATE PURE	1/3M	MH	kovano jeklo hammered steel	WB	bambus bamboo	GW	ledeno bela ice white
OP20	OKVIR PURE COVER PLATE PURE	2M	ME	zarjavelo železo etched iron	WW	oreh walnut	GG	ledeno zelena ice green
OP23	OKVIR PURE COVER PLATE PURE	2/3M	MS	satinirano srebro satin silver	WM	javor maple	GY	ledeno siva ice grey
. . .	. . .	. . .	MN	satiniran nikelj satin nickel	WE	wenge wenge	GB	ledeno modra ice blue

OKVIR PURE 2M

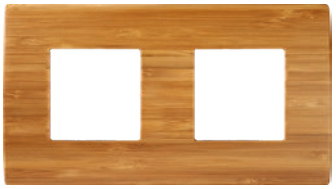
OP20MH, OP20ME, OP20MS, OP20MN

OP20WB, OP20WW, OP20WM, OP20WE, OP20GW, OP20GG, OP20GY, OP20GB

- dekorativni okvir PURE 2M
- ustreza EN 60669-1
- samo v kombinaciji z nosilcem NM24 ali NM25

COVER PLATE PURE 2M

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



OKVIR PURE 2x2M

OP24MH, OP24ME, OP24MS, OP24MN

OP24WB, OP24WW, OP24WM, OP24WE, OP24GW, OP24GG, OP24GY, OP24GB

- dekorativni okvir PURE 2x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1
- samo v kombinaciji z nosilcema NM24 ali NM25

COVER PLATE PURE 2x2M

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

OKVIR PURE 3x2M

OP26MH, OP26ME, OP26MS, OP26MN

OP26WB, OP26WW, OP26WM, OP26WE, OP26GW, OP26GG, OP26GY, OP26GB

- dekorativni okvir PURE 3x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1
- samo v kombinaciji z nosilci NM24 ali NM25

COVER PLATE PURE 3x2M

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

OKVIR PURE 4x2M

OP28MH, OP28ME, OP28MS, OP28MN

OP28WB, OP28WW, OP28WM, OP28WE, OP28GW, OP28GG, OP28GY, OP28GB

- dekorativni okvir PURE 4x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1
- samo v kombinaciji z nosilci NM24 ali NM25

COVER PLATE PURE 4x2M

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

PURE

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

OKVIR PURE 3M

OP30MH
OP30ME
OP30MS
OP30MN

OP30WB
OP30WW
OP30WM
OP30WE
OP30GW
OP30GG
OP30GY
OP30GB

- dekorativni okvir PURE 3M
- ustreza EN 60669-1

COVER PLATE PURE 3M

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

OKVIR PURE 4M

OP40MH
OP40ME
OP40MS
OP40MN

OP40WB
OP40WW
OP40WM
OP40WE
OP40GW
OP40GG
OP40GY
OP40GB

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

COVER PLATE PURE 4M

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

OKVIR PURE 7M

OP70MH
OP70ME
OP70MS
OP70MN

OP70WB
OP70WW
OP70WM
OP70WE
OP70GW
OP70GG
OP70GY
OP70GB

- dekorativni okvir PURE 7M
- ustreza EN 60669-1

COVER PLATE PURE 7M

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

OKVIR PURE 1/3M

OP13MH
OP13ME
OP13MS
OP13MN

OP13WB
OP13WW
OP13WM
OP13WE
OP13GW
OP13GG
OP13GY
OP13GB

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

COVER PLATE PURE 1/3M

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

OKVIR PURE 2/3M

OP23MH
OP23ME
OP23MS
OP23MN

OP23WB
OP23WW
OP23WM
OP23WE
OP23GW
OP23GG
OP23GY
OP23GB

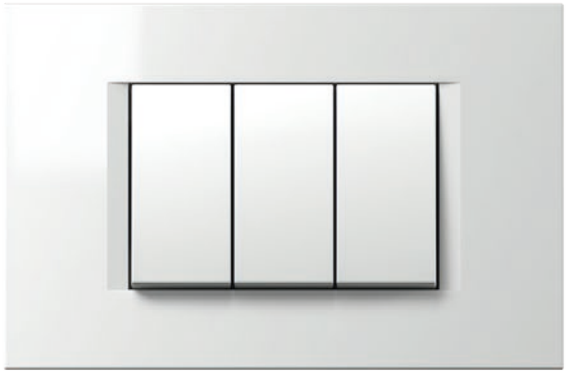
- dekorativni okvir PURE 2/3M
- ustreza EN 60669-1

COVER PLATE PURE 2/3M

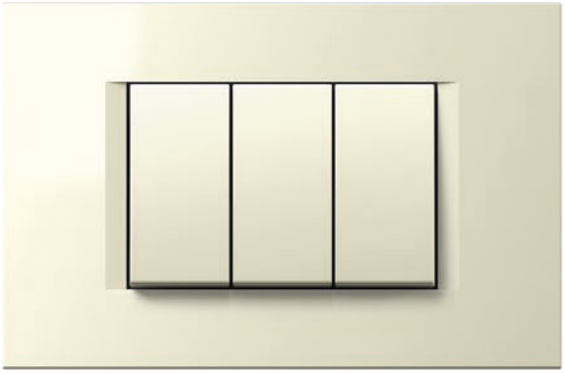
- decorative cover plate PURE 2/3M
- in accordance with EN 60669-1

basic
basic

PW bela-sijaj
polar white



IW bež-sijaj
ivory white



ES srebrna-mat
elox silver

SB črna-mat
soft touch black

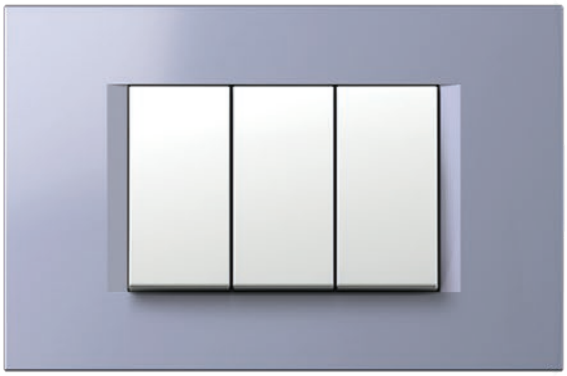
C O V E R P L A T E S L I N E O L

dekor
decor

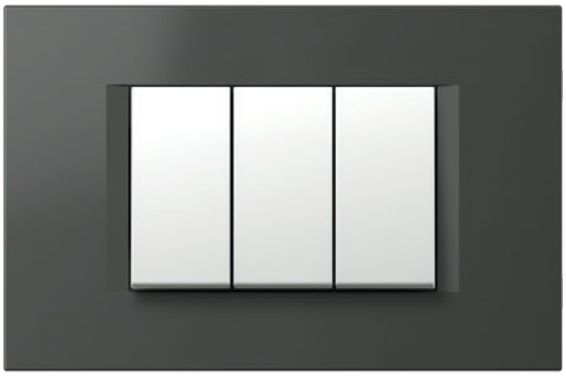
SG zlata-mat
sand gold

NB črna-sijaj
night black

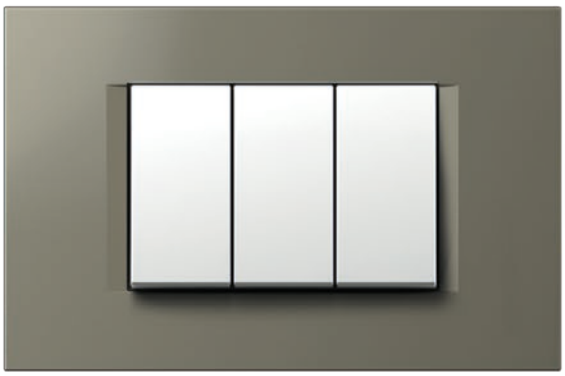
IB modra-mat
impulse blue



AT antracit
anthracite



TI titan
titanium



SW kamen beli
stone white

O K V I R J I L I N E O L

OL30 PW

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

OKVIR LINE 2M

OL20PW
OL20IW
OL20ES
OL20SB
OL20SG
OL20NB
OL20IB
OL20AT
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
OL24IW
OL24ES
OL24SB
OL24SG
OL24NB
OL24IB
OL24AT
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
OL26IW
OL26ES
OL26SB
OL26SG
OL26NB
OL26IB
OL26AT
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
OL28IW
OL28ES
OL28SB
OL28SG
OL28NB
OL28IB
OL28AT
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
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

C O V E R P L A T E S L I N E O L

OKVIR LINE 3M

OL30PW
OL30IW
OL30ES
OL30SB

OL30SG
OL30NB
OL30IB
OL30AT
OL30TI
OL30SW

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

COVER PLATE LINE 3M

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

OKVIR LINE 4M

OL40PW
OL40IW
OL40ES
OL40SB

OL40SG
OL40NB
OL40IB
OL40AT
OL40TI
OL40SW

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

COVER PLATE LINE 4M

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

OKVIR LINE 7M

OL70PW
OL70IW
OL70ES
OL70SB

OL70SG
OL70NB
OL70IB
OL70AT
OL70TI
OL70SW

- dekorativni okvir LINE 7M
- ustreza EN 60669-1

COVER PLATE LINE 7M

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

OKVIR LINE 1/2M

OL10PW
OL10IW
OL10ES
OL10SB

OL10SG
OL10NB
OL10IB
OL10AT
OL10TI
OL10SW

- 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

OKVIR LINE 1/3M

OL13PW
OL13IW
OL13ES
OL13SB

OL13SG
OL13NB
OL13IB
OL13AT
OL13TI
OL13SW

- 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

OKVIR LINE 2/3M

OL23PW
OL23IW
OL23ES
OL23SB

OL23SG
OL23NB
OL23IB
OL23AT
OL23TI
OL23SW

- dekorativni okvir LINE 2/3M
- ustreza EN 60669-1

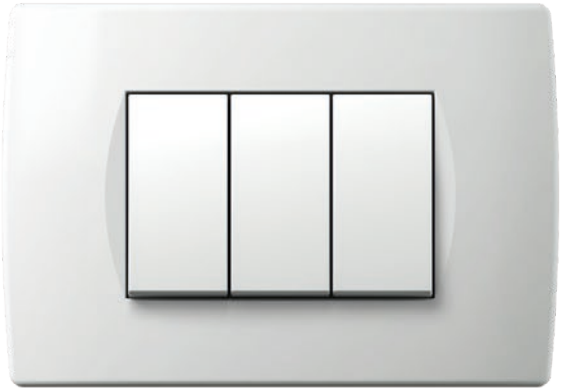
COVER PLATE LINE 2/3M

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

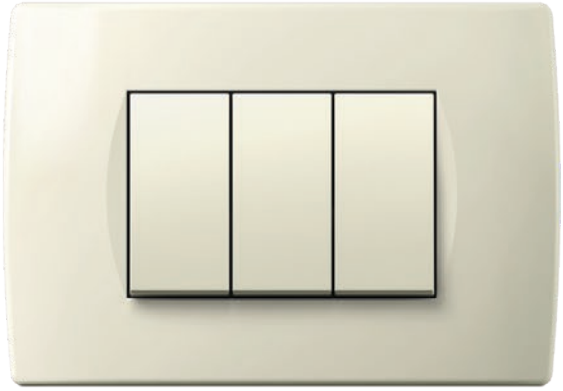
O K V I R J I S O F T O S

basic
basic

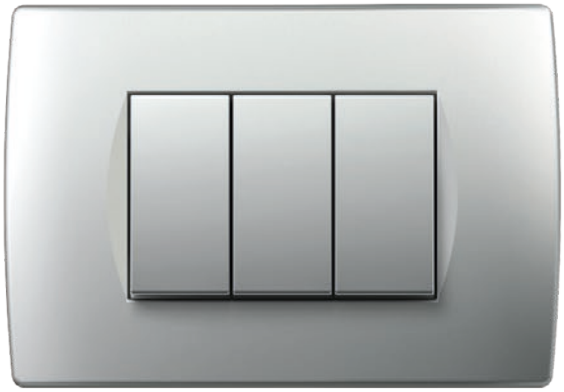
PW bela-sijaj
polar white



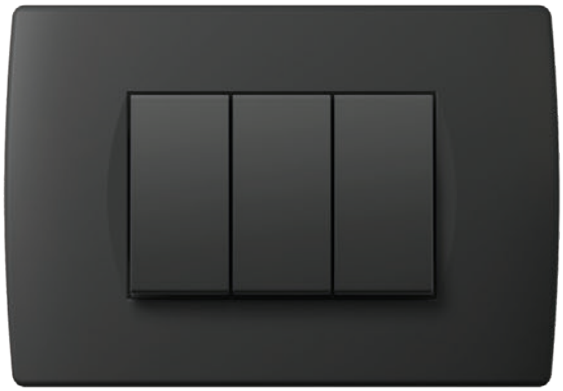
IW bež-sijaj
ivory white



ES srebrna-mat
elox silver



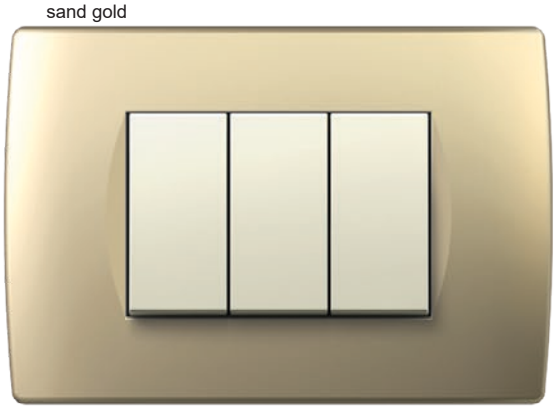
SB črna-mat
soft touch black



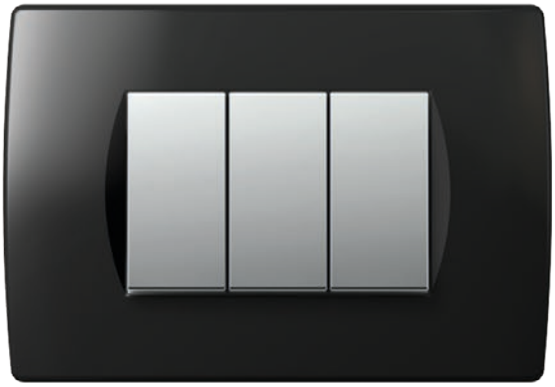
C O V E R P L A T E S S O F T O S

dekor
decor

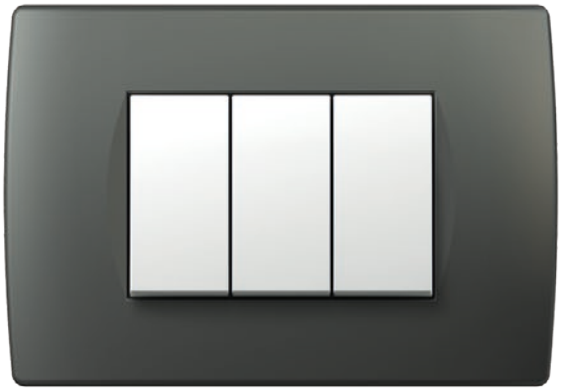
SG zlata-mat
sand gold



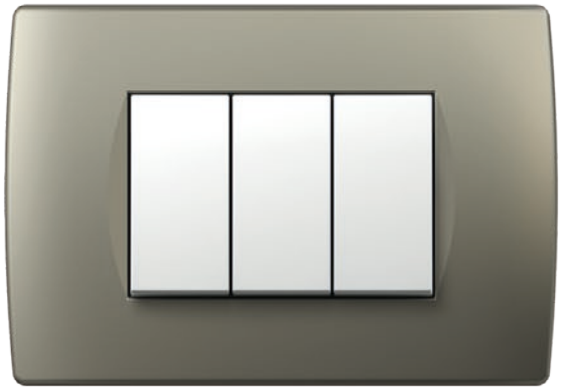
NB črna-sijaj
night black



AT antracit
anthracite



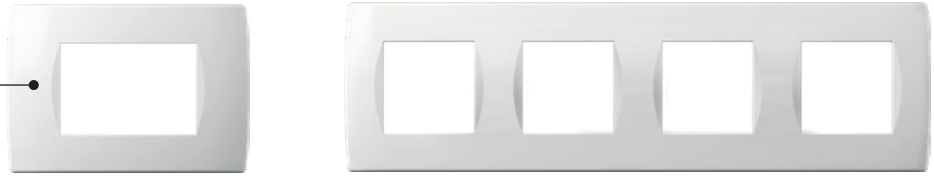
TI titan
titanium



WE wenge
wenge

WW oreh
walnut

O K V I R J I S O F T O S



OS30 PW

tip type	naziv description	velikost size	barva colour							
OS10	OKVIR SOFT COVER PLATE SOFT	1/2M	PW	bela-sijaj polar white	SG	zlata-mat sand gold	WW	oreh walnut
OS13	OKVIR SOFT COVER PLATE SOFT	1/3M	IW	bež-sijaj ivory white	NB	črna-sijaj night black	WE	wenge wenge
OS20	OKVIR SOFT COVER PLATE SOFT	2M	ES	srebrna-mat elox silver	AT	antracit anthracite		
. . .	. . .	. . .	SB	črna-mat soft touch black	TI	titan titanium		

OKVIR SOFT 2M

OS20PW
OS20IW
OS20ES
OS20SB

OS20SG
OS20NB
OS20AT
OS20TI
OS20WW
OS20WE

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

COVER PLATE SOFT 2M

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

OKVIR SOFT 2x2M

OS24PW
OS24IW
OS24ES
OS24SB

OS24SG
OS24NB
OS24AT
OS24TI
OS24WW
OS24WE

- dekorativni okvir SOFT 2x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1

COVER PLATE SOFT 2x2M

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

OKVIR SOFT 3x2M

OS26PW
OS26IW
OS26ES
OS26SB

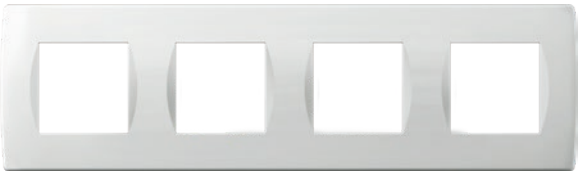
OS26SG
OS26NB
OS26AT
OS26TI
OS26WW
OS26WE

- dekorativni okvir SOFT 3x2M
- horizontalna ali vertikalna vgradnja
- ustreza EN 60669-1

COVER PLATE SOFT 3x2M

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

OKVIR SOFT 4x2M



OS28PW
OS28IW
OS28ES
OS28SB

OS28SG
OS28NB
OS28AT
OS28TI
OS28WW
OS28WE

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

COVER PLATE SOFT 4x2M

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

soft

C O V E R P L A T E S S O F T O S

OKVIR SOFT 3M

OS30PW
OS30IW
OS30ES
OS30SB

OS30SG
OS30NB
OS30AT
OS30TI
OS30WW
OS30WE

- dekorativni okvir SOFT 3M
- ustreza EN 60669-1

COVER PLATE SOFT 3M

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

OKVIR SOFT 4M

OS40PW
OS40IW
OS40ES
OS40SB

OS40SG
OS40NB
OS40AT
OS40TI
OS40WW
OS40WE

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

COVER PLATE SOFT 4M

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

OKVIR SOFT 7M

OS70PW
OS70IW
OS70ES
OS70SB

OS70SG
OS70NB
OS70AT
OS70TI
OS70WW
OS70WE

- dekorativni okvir SOFT 7M
- ustreza EN 60669-1

COVER PLATE SOFT 7M

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

OKVIR SOFT 2x7M

OS72PW
OS72IW
OS72ES
OS72SB

OS72AT
OS72TI

- dekorativni okvir SOFT 2x7M z napisno ploščico
- ustreza EN 60669-1

COVER PLATE SOFT 2x7M

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

OKVIR SOFT 1/2M

OS10PW
OS10IW
OS10ES
OS10SB

OS10SG
OS10NB
OS10AT
OS10TI
OS10WW
OS10WE

- dekorativni okvir SOFT 1/2M
- ustreza EN 60669-1

COVER PLATE SOFT 1/2M

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

OKVIR SOFT 1/3M

OS13PW
OS13IW
OS13ES
OS13SB

OS13SG
OS13NB
OS13AT
OS13TI
OS13WW
OS13WE

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

COVER PLATE SOFT 1/3M

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

OKVIR SOFT 2/3M

OS23PW
OS23IW
OS23ES
OS23SB

OS23SG
OS23NB
OS23AT
OS23TI
OS23WW
OS23WE

- dekorativni okvir SOFT 2/3M
- ustreza EN 60669-1

COVER PLATE SOFT 2/3M

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

P E R S O N A L I Z A C I J A

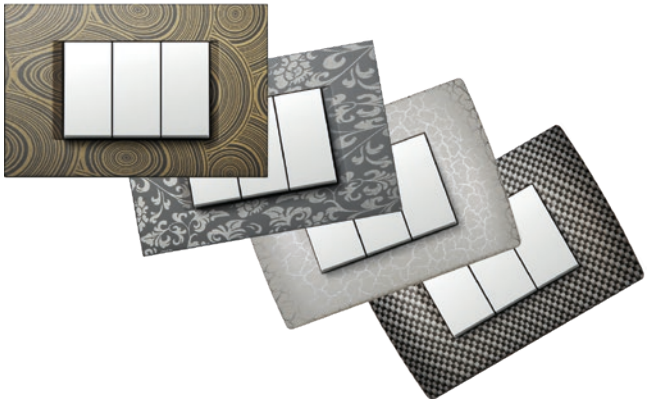
LASERSKI TISK NA OKVIRJE

- laserski tisk poljubne grafike
- izdelava po naročilu
- primerno za okvirje OL, OS

LASER PRINT ON COVER PLATES

- laser print of any graphics
- made on request
- suitable for cover plates OL, OS

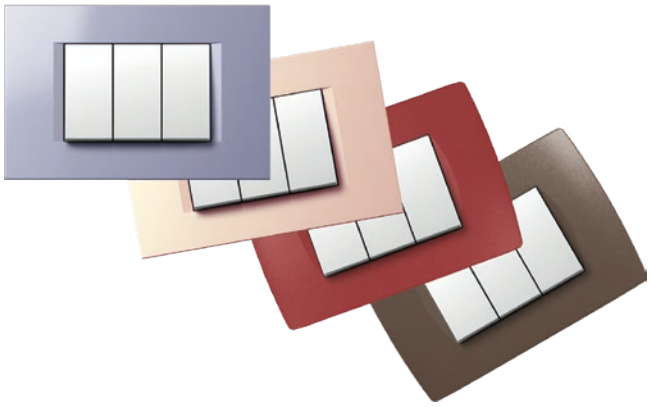
DEKORACIJE OKVIRJEV



- vzorci in barve po izbiri
- izdelava po naročilu
- primerno za okvirje OL, OS

COVER PLATES DECORATIONS

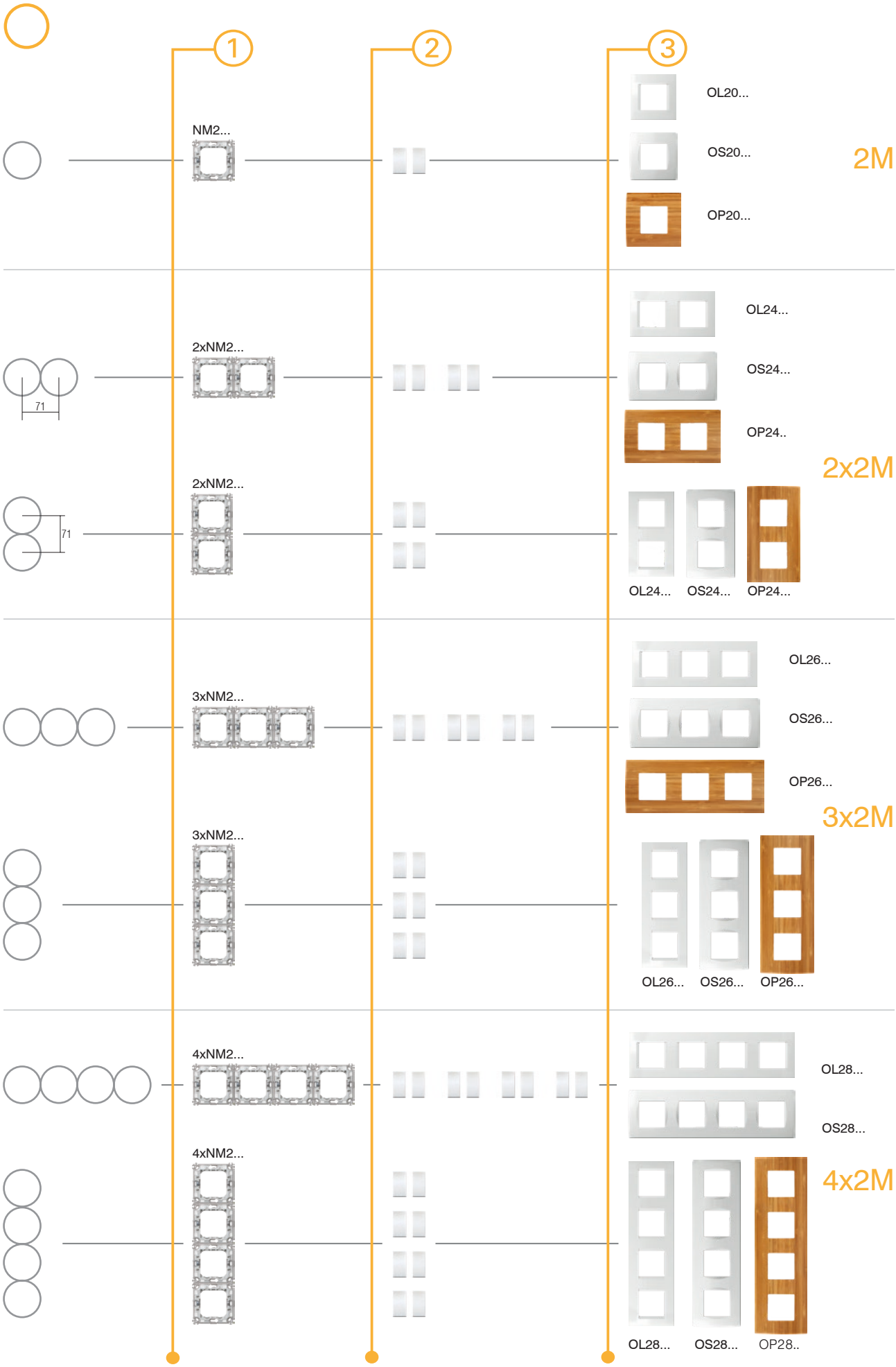
- customised textures and colours
- made on request
- suitable for cover plates OL, OS



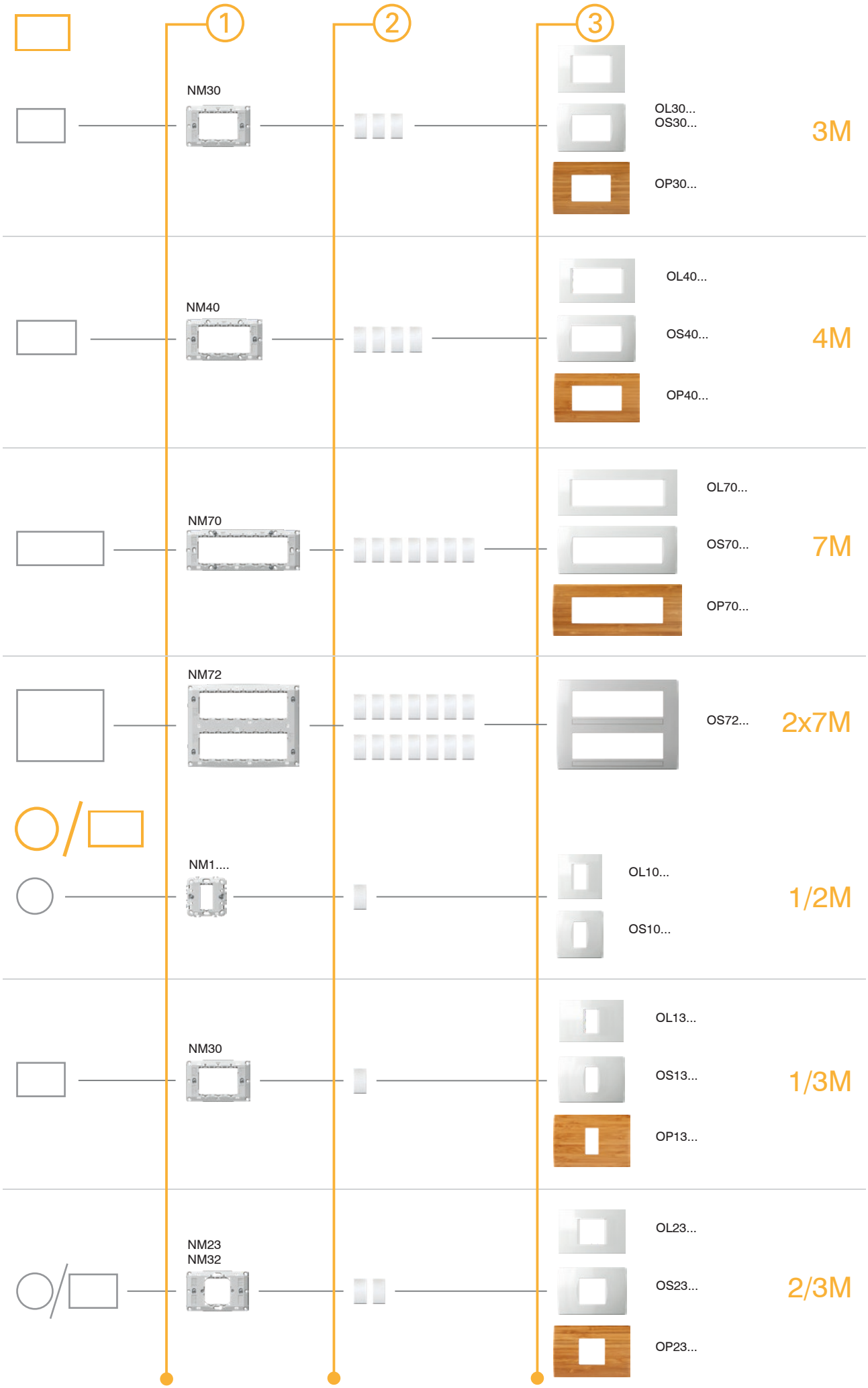
F R A M E S

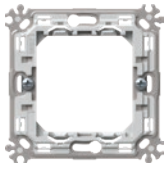
	line A x B	soft A x B	PURE A x B
2M	80 x 80 mm	84 x 84 mm	93 x 90 mm
2x2M	151 x 80 mm	155 x 84 mm	164 x 90 mm
3x2M	222 x 80 mm	226 x 84 mm	235 x 90 mm
4x2M	293 x 80 mm	297 x 84 mm	304 x 90 mm
3M	122 x 80 mm	122 x 84 mm	134 x 90 mm
4M	149 x 80 mm	144 x 84 mm	157 x 90 mm
7M	207 x 80 mm	212 x 84 mm	224 x 90 mm
2x7M		212 x 158 mm	
1/2M	80 x 80 mm	84 x 84 mm	
1/3M	122 x 80 mm	122 x 84 mm	134 x 90 mm
2/3M	122 x 80 mm	122 x 84 mm	134 x 90 mm

K O M B I N A T O R I K A



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

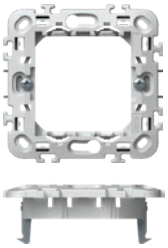




NM30

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

NOSILEC S KREMPELJCI 2M

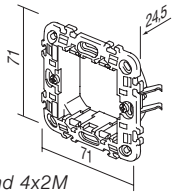


NM20

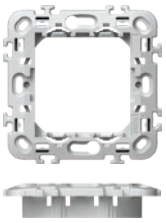
- nosilec 2M s krempeljci
- montaža v doze Ø60 (DE..) s krempeljci
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji LINE in SOFT
- ustreza EN 60669-1

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

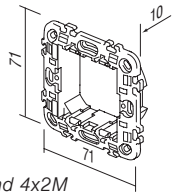


NM21

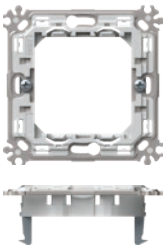
- nosilec 2M brez vijakov in brez krempeljcev
- montaža v doze Ø60 (HE.., BE..) z vijaki
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji LINE in SOFT
- ustreza EN 60669-1

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 KREMPELJCI 2M

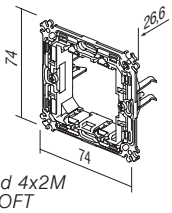


NM24

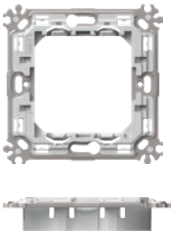
- kovinski nosilec 2M s krempeljci - toga izvedba
- montaža v doze Ø60 (DE..) s krempeljci
- možno horizontalno ali vertikalno nizanje 2x2M, 3x2M in 4x2M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza EN 60669-1

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

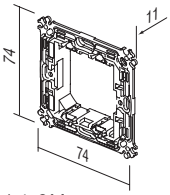


NM25

- 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

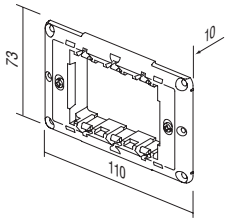
NOSILEC Z VIJAKI 3M

NM30

- 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



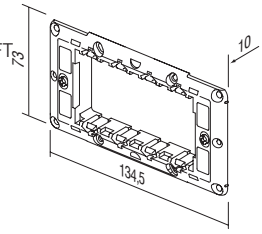
NOSILEC Z VIJAKI 4M

NM40

- 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



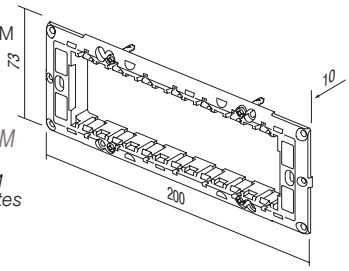
NOSILEC Z VIJAKI 7M

NM70

- nosilec 7M z vijaki
- montaža v pravokotne doze velikosti 7M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- 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 PURE, LINE and SOFT
- in accordance with EN 60669-1



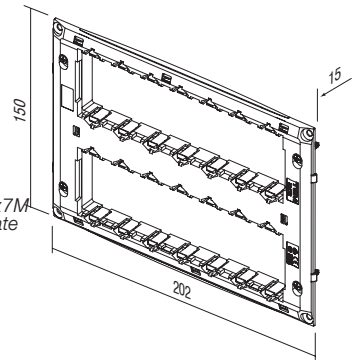
NOSILEC Z VIJAKI 2x7M

NM72

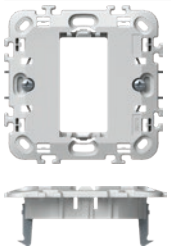
- nosilec 2x7M z vijaki
- montaža v pravokotne doze velikosti 2x7M
- primeren za sestavo z okvirjem SOFT OS72
- ustreza EN 60669-1

MOUNTING FRAME WITH SCREWS 2x7M

- mounting frame 2x7M with screws
- for mounting on rectangular boxes 2x7M
- suitable for assembling with cover plate SOFT OS72
- in accordance with EN 60669-1



NOSILEC S KREMPELJCI 1/2M

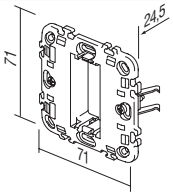


NM10

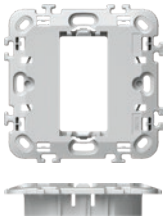
- nosilec 1/2M s krempeljci
- montaža v doze Ø60 (DE..) s krempeljci
- primeren za sestavo z okvirji LINE in SOFT
- ustreza EN 60669-1

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



NOSILEC BREZ VIJAKOV 1/2M

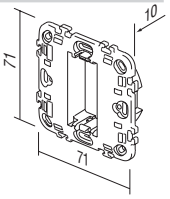


NM11

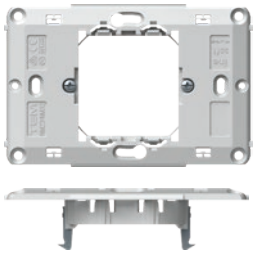
- nosilec 1/2M brez vijakov in brez krempeljcev
- montaža v doze Ø60 (HE.., BE..) z vijaki
- primeren za sestavo z okvirji LINE in SOFT
- ustreza EN 60669-1

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



NOSILEC S KREMPELJCI 2/3M

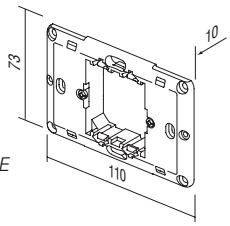


NM23

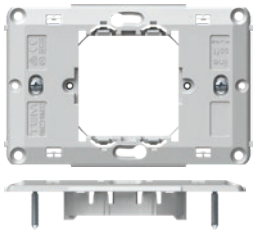
- nosilec 2/3M s krempeljci
- montaža v doze Ø60 (DE..) s krempeljci
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza EN 60669-1

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



NOSILEC Z VIJAKI 2/3M

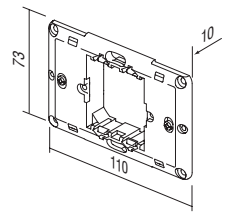


NM32

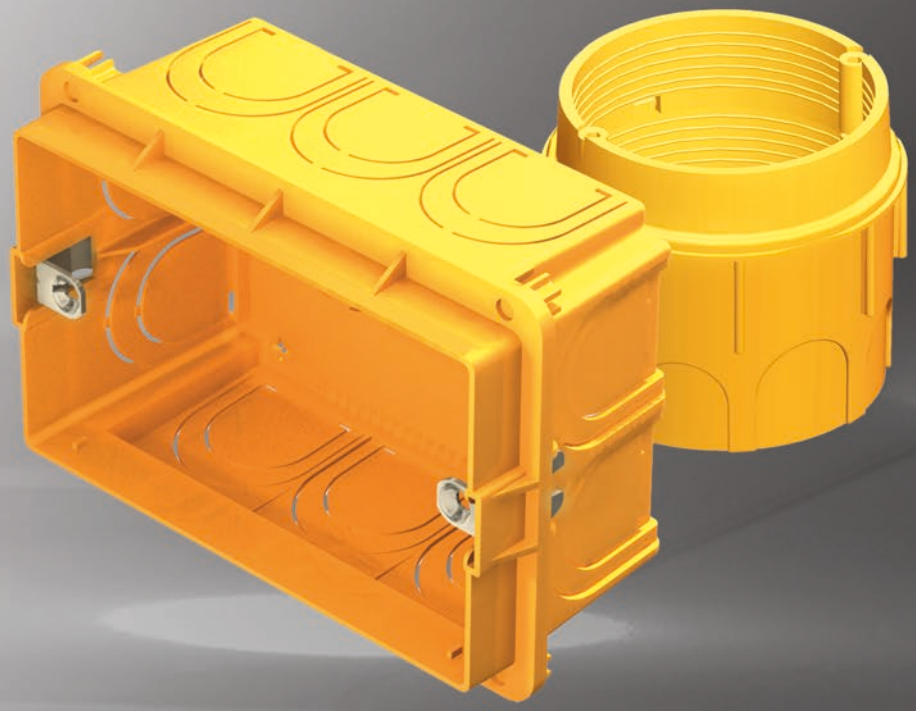
- nosilec 2/3M z vijaki
- montaža v pravokotne doze velikosti 3M
- primeren za sestavo z okvirji PURE, LINE in SOFT
- ustreza EN 60669-1

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



TEM



KATALOG /
CATALOGUE

D O Z E

OKROGLE DOZE
ROUND BOXES 140

PRAVOKOTNE DOZE
RECTANGULAR BOXES 148

RAZVODNE DOZE
JUNCTION BOXES 156

PRIBOR ZA OŽIČENJE
WIRING ACCESSORIES 158

DE12

HE11

BE10

tip *type*	naziv *description*	velikost *size*
DE10	DOZA OKROGLA ZA ZID *ROUND BOX BRICK*	SM60-01
HE10	DOZA OKROGLA ZA VOTLE STENE *ROUND BOX HOLLOW WALL*	SM68X40
BE10	DOZA OKROGLA ZA BETON *ROUND BOX CONCRETE*	
. . .	. . .	. . .

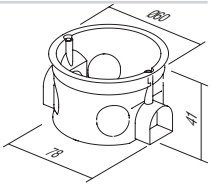
DOZA OKROGLA ZA ZID SM60-01

DE10

- Ø60, globina 40mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ROUND BOX BRICK SM60-01

- Ø60, depth 40mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



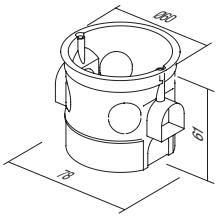
DOZA OKROGLA ZA ZID GLOBOKA SM60-06

DE11

- Ø60, globina 60mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ROUND BOX BRICK DEEP SM60-06

- Ø60, depth 60mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



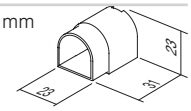
VEZNI ČLEN DOZE ZA ZID SM60-03

DE30

- za vertikalno povezavo doz SM60-06 ali SM60-01 na razdaljo 91 mm
- ustreza IEC 60670-1
- “halogen free”

COMBI-CLIP SM60-03

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



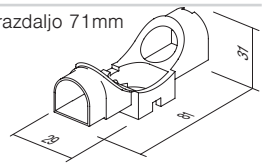
VEZNI ČLEN DOZE ZA ZID SM60-04

DE31

- za horizontalno povezavo doz SM60-06 ali SM60-01 na razdaljo 71mm
- ustreza IEC 60670-1
- “halogen free”

COMBI-CLIP SM60-04

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



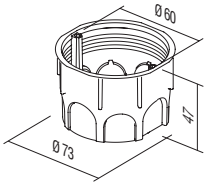
DOZA OKROGLA ZA ZID MD65-46

DE12

- Ø65, globina 46mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ROUND BOX BRICK MD65-46

- Ø65, depth 46mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



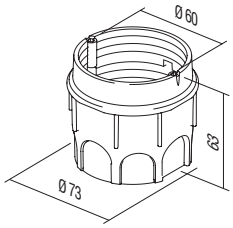
DOZA OKROGLA ZA ZID GLOBOKA MD65-60

DE13

- Ø65/60, globina 62mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ROUND BOX BRICK DEEP MD65-60

- Ø65/60, depth 62mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



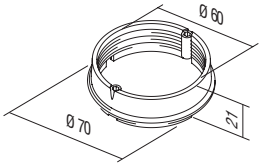
PODALJŠEK DOZE ZA ZID MD65-46

DE14

- Ø65/60, globina 17mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ADDITIONAL PIECE FOR MD65-46

- Ø65/60, depth 17mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



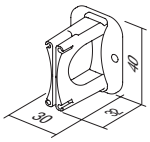
VEZNI ČLEN DOZE ZA ZID MD65-71

DE32

- za povezavo doz MD65 na razdaljo 71 mm
- ustreza IEC 60670-1
- “halogen free”

COMBI-CLIP MD65-71

- for fitting of boxes MD65 on distance 71mm
- in accordance with IEC 60670-1
- halogen free



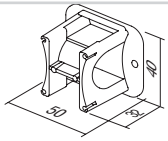
VEZNI ČLEN DOZE ZA ZID MD65-91

DE33

- za povezavo doz MD65 na razdaljo 91mm
- ustreza IEC 60670-1
- “halogen free”

COMBI-CLIP MD65-91

- for fitting of boxes MD65 on distance 91mm
- in accordance with IEC 60670-1
- halogen free



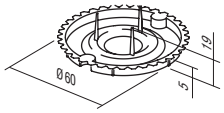
POKROV DOZE ZAŠČITNI 60

DE20

- zaščitni pokrov doze Ø60 za DE13, DE14
- ustreza IEC 60670-1
- za zaščito pri ometavanju

BOX COVER PROTECTIVE 60

- protective cover for box Ø60 for DE13, DE14
- in accordance with IEC 60670-1
- box protection during plastering



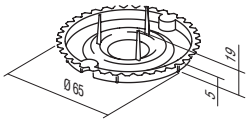
POKROV DOZE ZAŠČITNI 65

DE21

- zaščitni pokrov doze Ø65 za DE12
- ustreza IEC 60670-1
- za zaščito pri ometavanju

BOX COVER PROTECTIVE 65

- protective cover for box Ø65 for DE12
- in accordance with IEC 60670-1
- box protection during plastering



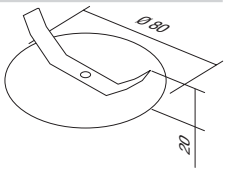
POKROV DOZE DEKORATIVNI SM60

DE22

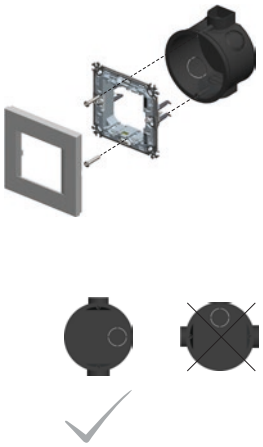
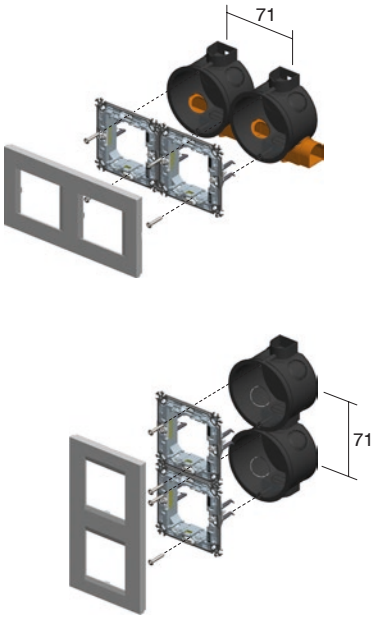
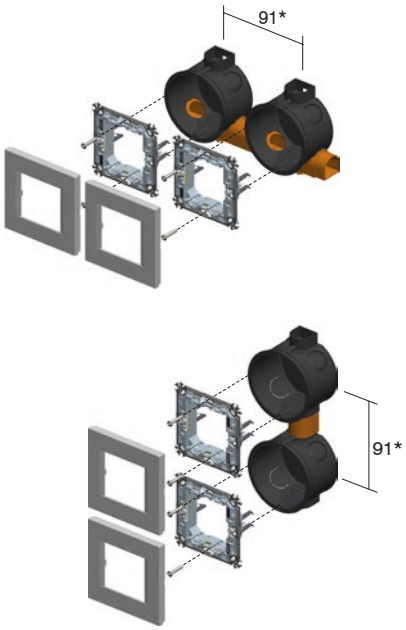
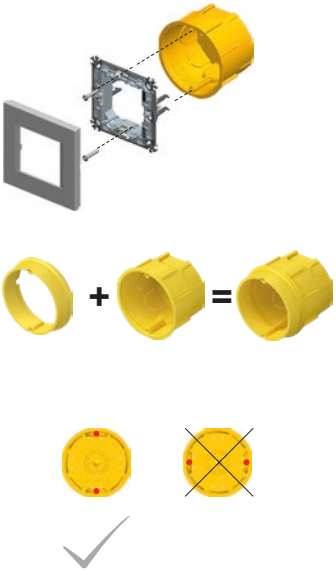
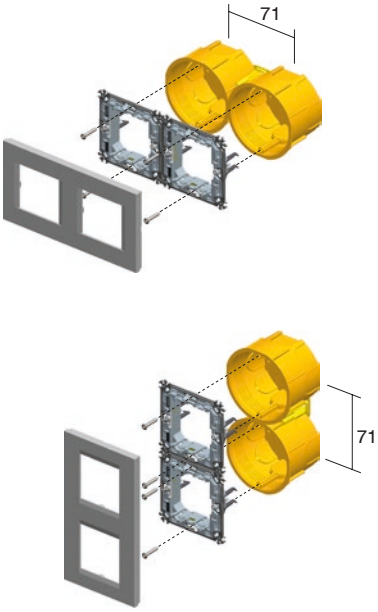
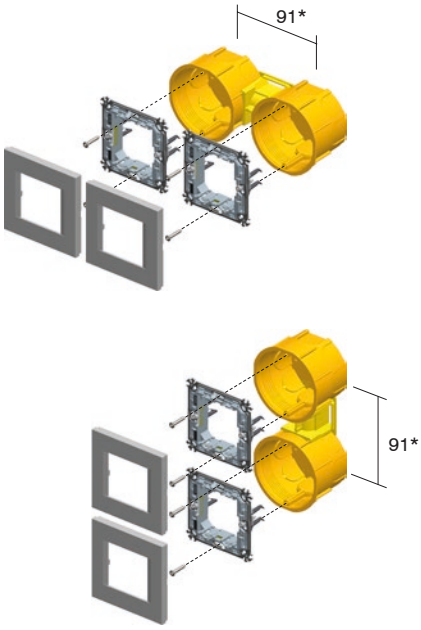
- dekorativni pokrov doze Ø60
- ustreza IEC 60670-1
- “halogen free”

BOX COVER DECORATIVE SM60

- decorative cover for boxes Ø60
- in accordance with IEC 60670-1
- halogen free



opeka / *brick*

navodila za montažo / *assembly instructions*	razdalja med dozami / *distance between boxes:* 71mm	razdalja med dozami / *distance between boxes:* 91mm
DE10,11 		
DE12,13 		

* za okvirje PURE je minimalna razdalja med dozami 100mm

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

R O U N D B O X E S

DE10,11 — NM20

DE12,13 — NM24

71

2xDE10,11 + 2xDE31 — 2xNM20

2xDE12,13 + 1xDE32 — 2xNM24

2xDE10,11 — 2xDE12,13 + 1xDE32 — 2xNM20 — 2xNM24

3xDE10,11 + 3xDE31 — 3xNM20

3xDE12,13 + 2xDE32 — 3xNM24

3xDE10,11 — 3xDE12,13 + 2xDE32 — 3xNM20 — 3xNM24

4xDE10,11 + 4xDE31 — 4xNM20

4xDE12,13 + 3xDE32 — 4xNM24

4xDE10,11 — 4xDE12,13 + 3xDE32 — 4xNM20 — 4xNM24

DE10,11 — NM10

DE12,13

DE10,11 — NM23

DE12,13

D O Z E

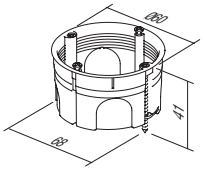
DOZA OKROGLA ZA VOTLE STENE SM68x40

HE10

- Ø60, globina 40mm
- vgradnja v izvrtino Ø68
- 850°C, 400V~
- ustreza IEC 60670-1
- montaža s krempeljci
- “halogen free”

ROUND BOX HOLLOW WALL SM68x40

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



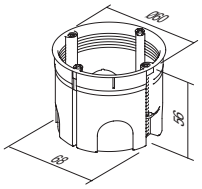
DOZA OKROGLA ZA VOTLE STENE SM68x55

HE11

- Ø60, globina 55mm
- vgradnja v izvrtino Ø68
- 850°C, 400V~
- ustreza IEC 60670-1
- montaža s krempeljci
- “halogen free”

ROUND BOX HOLLOW WALL SM68x55

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



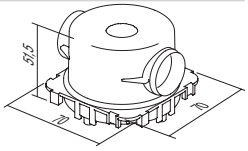
DOZA OKROGLA ZA BETON

BE10

- Ø60mm, globina 49mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ROUND BOX CONCRETE

- Ø60mm, depth 49mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



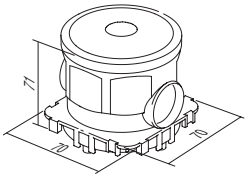
DOZA OKROGLA ZA BETON GLOBOKA

BE11

- Ø60mm, globina 58mm
- 650°C, 500V~
- ustreza IEC 60670-1
- “halogen free”

ROUND BOX CONCRETE DEEP

- Ø60mm, depth 58mm
- 650°C, 500V~
- in accordance with IEC 60670-1
- halogen free



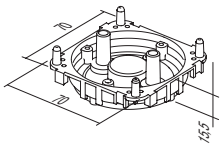
NOSILEC DOZE ZA BETON

BE20

- za utrditev doze z distančnim profilom BM82 v nasprotno steno
- ustreza IEC 60670-1
- “halogen free”

COUNTER BOX SUPPORT CONCRETE

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



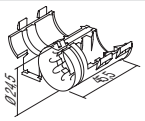
UVODNICA DOZE ZA BETON 16

BE21

- za utrditev instalacijske cevi
- ustreza IEC 60670-1
- “halogen free”

PIPE STOPPER CONCRETE BOX 16

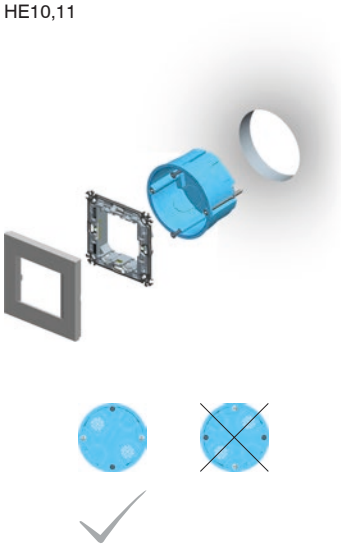
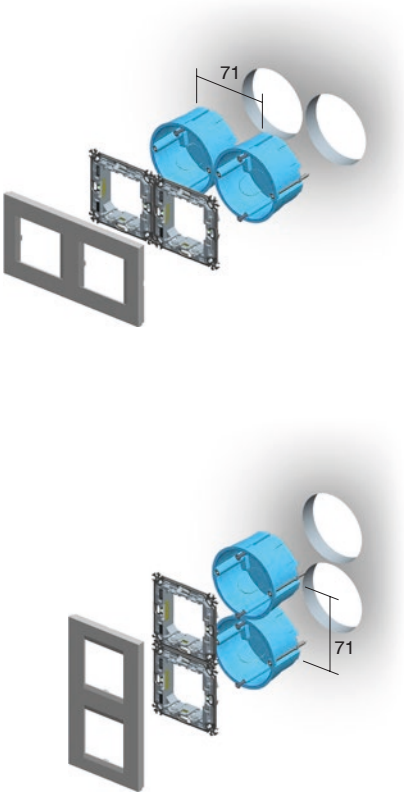
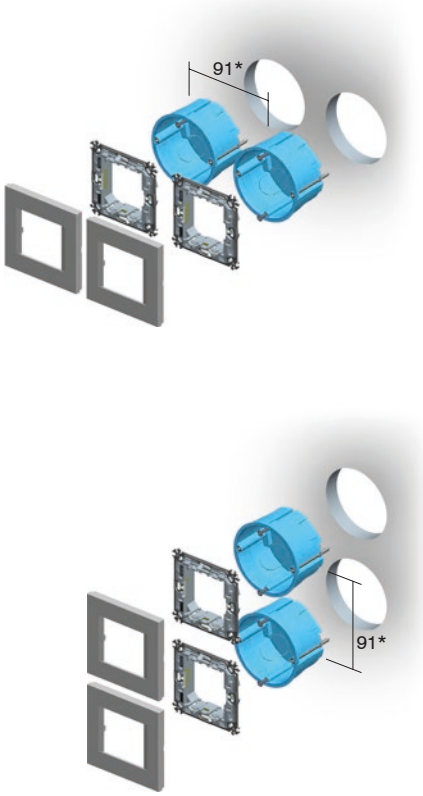
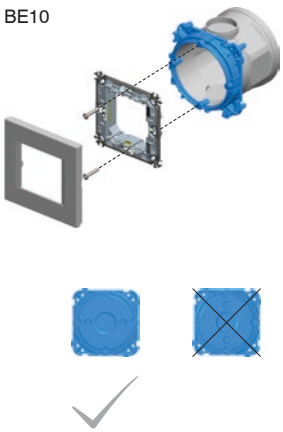
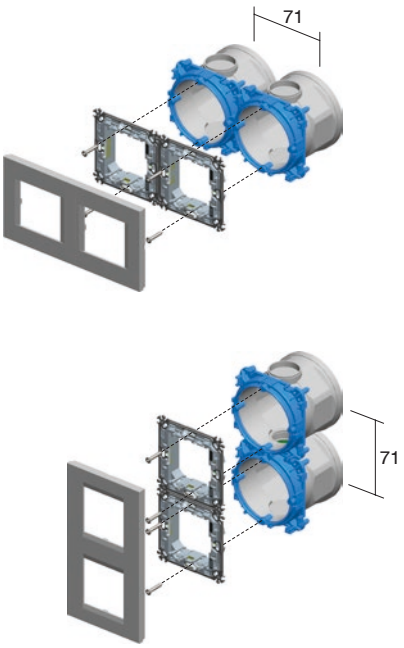
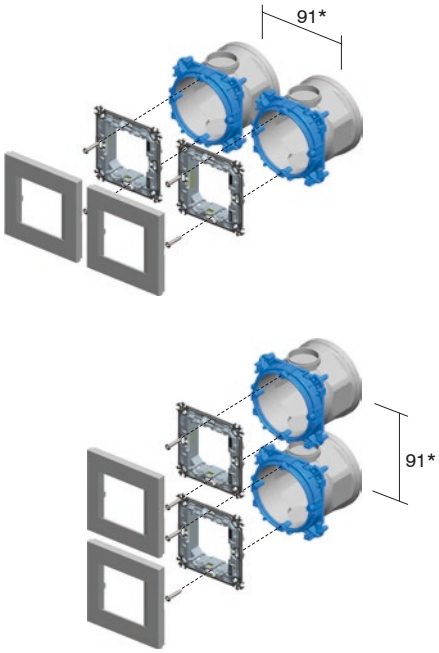
- for firming installation pipe to box
- in accordance with IEC 60670-1
- halogen free



R O U N D B O X E S

votle stene / *hollow walls*

beton / *concrete*

navodila za montažo / *assembly instructions*	razdalja med dozami / *distance between boxes:* 71mm	razdalja med dozami / *distance between boxes:* 91mm
HE10,11 		
BE10 		

* za okvirje PURE je min. razdalja me dozami 100mm

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

votle stene / *hollow walls*

beton / *concrete*

HE10,11 — NM21

BE10,11 — NM25

2M

2xHE10,11 — 2xNM21

2xBE10,11 — 2xNM25

2x2M

2xHE10,11 2xBE10,11 — 2xNM21 2xNM25

3xHE10,11 — 3xNM21

3xBE10,11 — 3xNM25

3x2M

3xHE10,11 3xBE10,11 — 3xNM21 3xNM25

4xHE10,11 — 4xNM21

4xBE10,11 — 4xNM25

4x2M

4xHE10,11 4xBE10,11 — 4xNM21 4xNM25

HE10,11 — NM11

BE10,11

1/2M

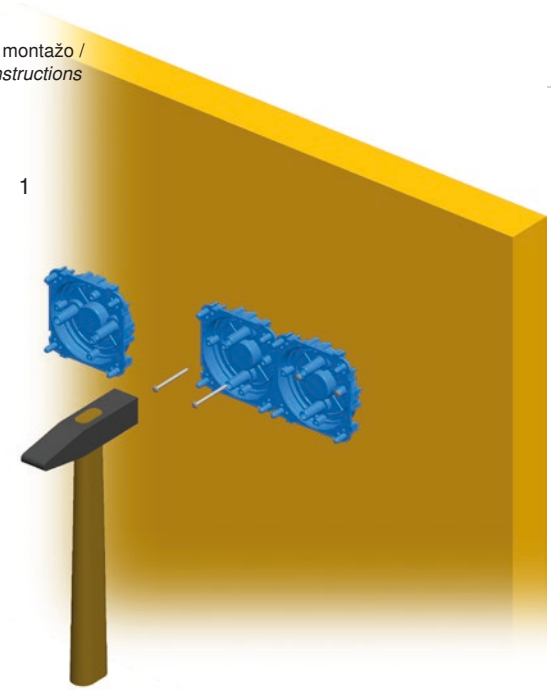
HE10,11 — NM32

BE10,11

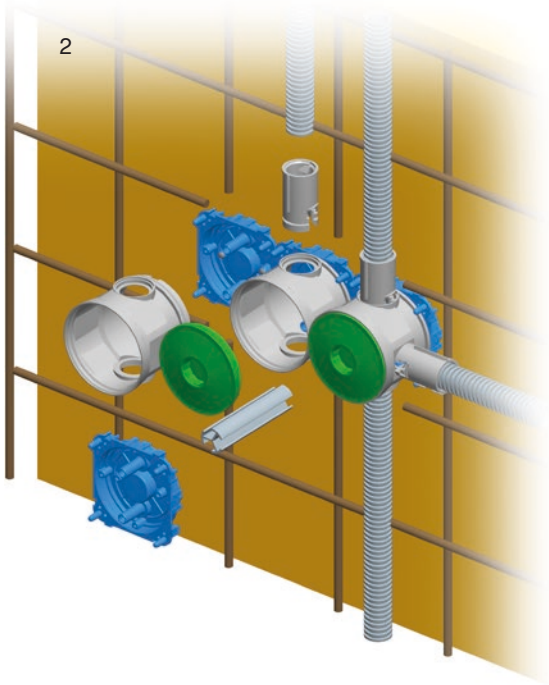
2/3M

navodila za montažo /
assembly instructions

1



2



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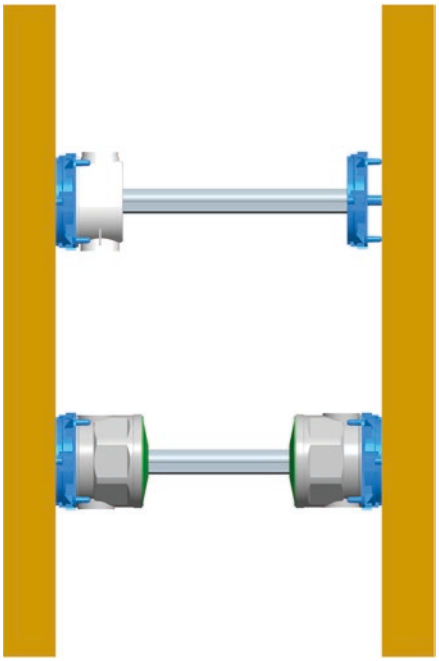

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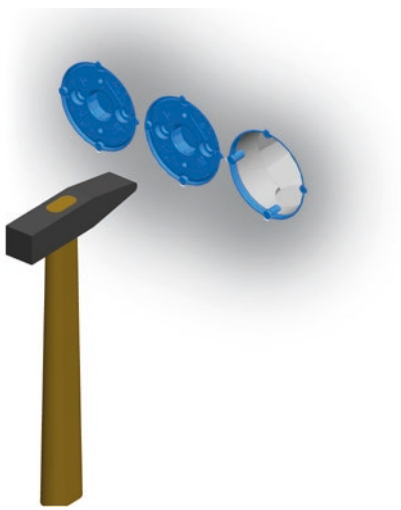


DM30

HM30

BM30

tip *type*	naziv *description*	velikost *size*
DM30	DOZA PRAVOKOTNA ZA ZID *RECTANGULAR BOX BRICK*	PM3
HM30	DOZA PRAVOKOTNA ZA VOTLE STENE *RECTANGULAR BOX HOLLOW WALL*	VM3
BM30	DOZA PRAVOKOTNA ZA BETON *RECTANGULAR BOX CONCRETE*	BM3
. . .	. . .	. . .

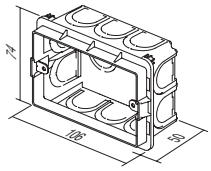
DOZA PRAVOKOTNA ZA ZID PM3

DM30

- velikost 3M, globina 49mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM3

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



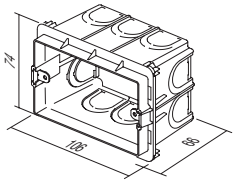
DOZA PRAVOKOTNA ZA ZID PM3-65

DM31

- velikost 3M, globina 65mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM3-65

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



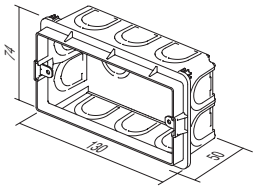
DOZA PRAVOKOTNA ZA ZID PM4

DM40

- velikosti 4M, globina 49mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM4

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



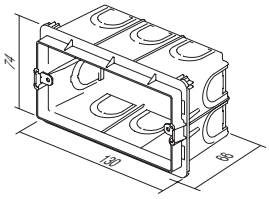
DOZA PRAVOKOTNA ZA ZID PM4-65

DM41

- velikosti 4M, globina 65mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM4-65

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



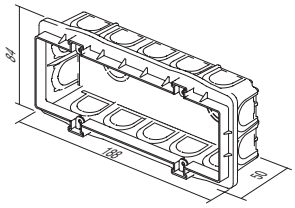
DOZA PRAVOKOTNA ZA ZID PM7

DM70

- velikost 7M, globina 49mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM7

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



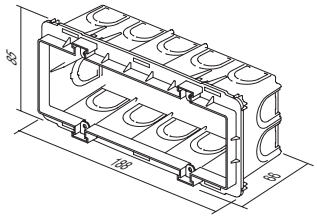
DOZA PRAVOKOTNA ZA ZID PM7-65

DM71

- velikost 7M, globina 65mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM7-65

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



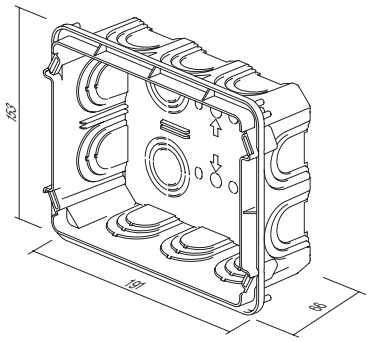
DOZA PRAVOKOTNA ZA ZID PM72-65

DM72

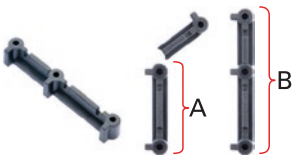
- velikost 2x7M, globina 64mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX BRICK PM72-65

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



VEZNI ČLEN DOZE PM

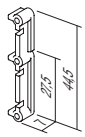


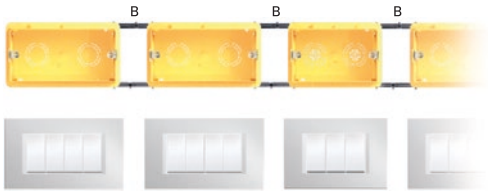
DM80

- za vertikalno (A) in horizontalno (B) sestavo doz PM3, PM4 in PM7
- primeren za dekorativne okvirje Line in Soft (za PURE ni primeren)

DISTANCE PIECE FOR BOX PM

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





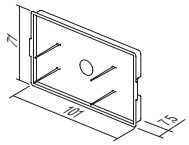
POKROV DOZE ZAŠČITNI PM3

DM33

- zaščitni pokrov doze PM3
- ustreza IEC 60670-1
- “halogen free”
- za zaščito pri ometavanju

BOX COVER PROTECTIVE PM3

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



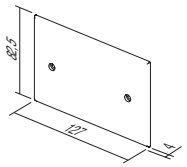
POKROV DOZE DEKORATIVNI PM3

DM34

- dekorativni pokrov doze 3M
- vijaka priložena
- ustreza IEC 60670-1
- “halogen free”

BOX COVER DECORATIVE PM3

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



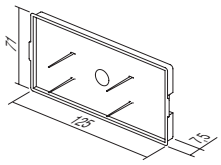
POKROV DOZE ZAŠČITNI PM4

DM43

- zaščitni pokrov doze PM4
- ustreza IEC 60670-1
- “halogen free”
- za zaščito pri ometavanju

BOX COVER PROTECTIVE PM4

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



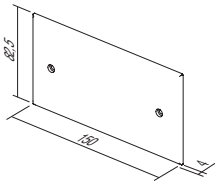
POKROV DOZE DEKORATIVNI PM4

DM44

- dekorativni pokrov doze 4M
- vijaka priložena
- ustreza IEC 60670-1
- “halogen free”

BOX COVER DECORATIVE PM4

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



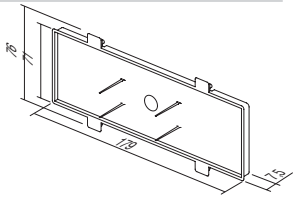
POKROV DOZE ZAŠČITNI PM7

DM73

- zaščitni pokrov doze PM7
- ustreza IEC 60670-1
- “halogen free”
- za zaščito pri ometavanju

BOX COVER PROTECTIVE PM7

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



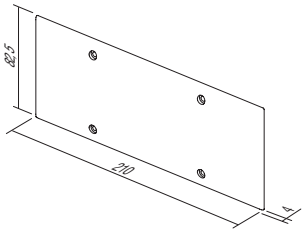
POKROV DOZE DEKORATIVNI PM7

DM74

- dekorativni pokrov doze 7M
- vijaka priložena
- ustreza IEC 60670-1
- “halogen free”

BOX COVER DECORATIVE PM7

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



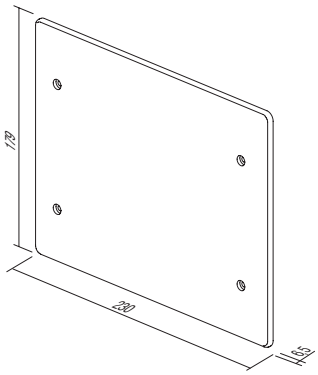
POKROV DOZE DEKORATIVNI PM72

DM75

- dekorativni pokrov doze 2x7M
- vijaki priloženi
- ustreza IEC 60670-1

BOX COVER DECORATIVE PM72

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



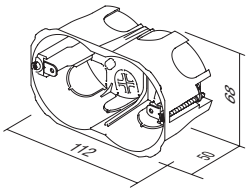
DOZA PRAVOKOTNA ZA VOTLE STENE VM3

HM30

- velikost 3M, globina 49mm
- vgradnja v izvrtino 2xØ68/45mm
- 850°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX HOLLOW WALL VM3

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



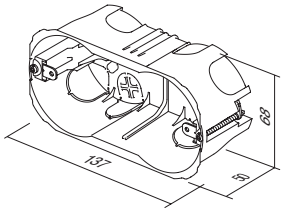
DOZA PRAVOKOTNA ZA VOTLE STENE VM4

HM40

- velikost 4M, globina 49mm
- vgradnja v izvrtino 2xØ68/70mm
- 850°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX HOLLOW WALL VM4

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



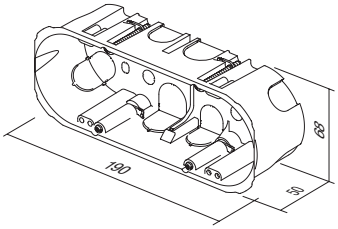
DOZA PRAVOKOTNA ZA VOTLE STENE VM7

HM70

- velikost 7M, globina 49mm
- vgradnja v izvrtino 2xØ68/120mm
- 850°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX HOLLOW WALL VM7

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



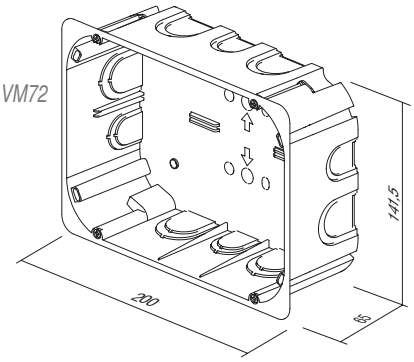
DOZA PRAVOKOTNA ZA VOTLE STENE VM72

HM72

- velikost 2x7M, globina 63mm
- 850°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX HOLLOW WALL VM72

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



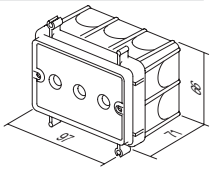
DOZA PRAVOKOTNA ZA BETON BM3

BM30

- velikost 3M, globina 60mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX CONCRETE BM3

- size 3M, depth 60mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



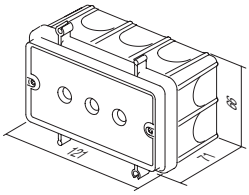
DOZA PRAVOKOTNA ZA BETON BM4

BM40

- velikost 4M, globina 60mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX CONCRETE BM4

- size 4M, depth 60mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



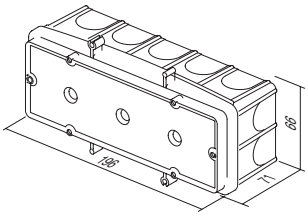
DOZA PRAVOKOTNA ZA BETON BM7

BM70

- velikost 7M, globina 60mm
- 650°C, 400V~
- ustreza IEC 60670-1
- “halogen free”

RECTANGULAR BOX CONCRETE BM7

- size 7M, depth 60mm
- 650°C, 400V~
- in accordance with IEC 60670-1
- halogen free



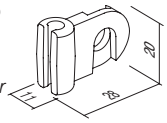
PRITRDILNI ČLEN DOZ BM

BM80

- za hitro pritrditev pravokotnih doz BM na armaturno mrežo
- primerno za palice do premera Ø8mm

FIXING COMBI-CLIP BM

- for fast fixation of BM rectangular boxes on reinforcing bar
- suitable for bar diameter up to Ø8mm



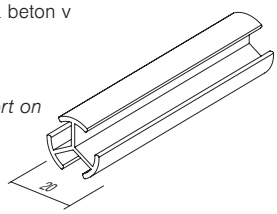
DISTANČNI PROFIL ZA DOZE

BM82

- za utrditev doz BM skupaj z nosilcem doze za beton v nasprotno steno
- dolžina l=1m, premer Ø20mm

DISTANCE PROFIL FOR BOXES BM

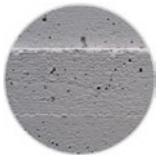
- to support boxes BM with counter box support on opposite wall
- length l=1m, diameter Ø20mm



opeka / *brick*

votle stene / *hollow walls*

beton / *concrete*



DM30
HM30
BM30

NM30

3M

DM40
HM40
BM40

NM40

4M

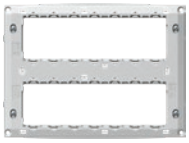
DM70
HM70
BM70

NM70

7M

DM72
HM72

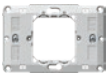
NM72



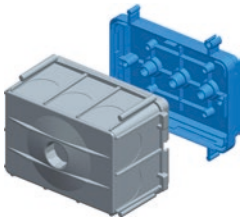
2x7M

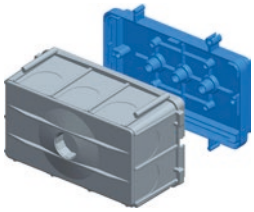
DM30
HM30
BM30

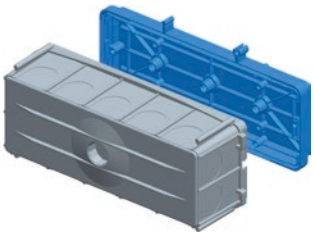
NM32



2/3M

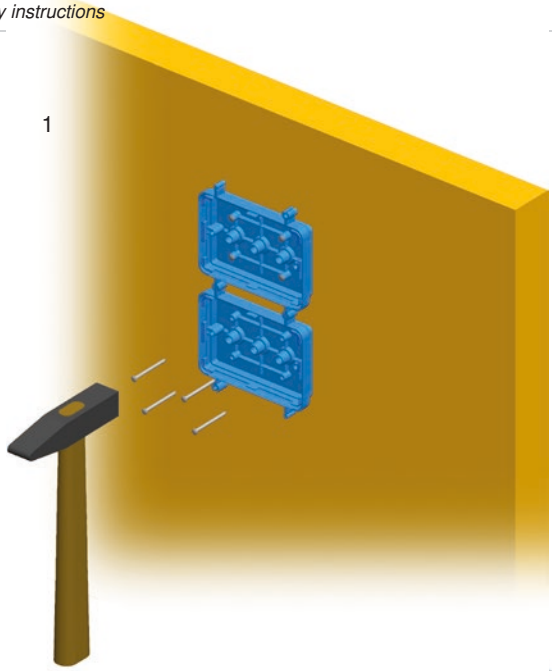






navodila za montažo /
assembly instructions

1



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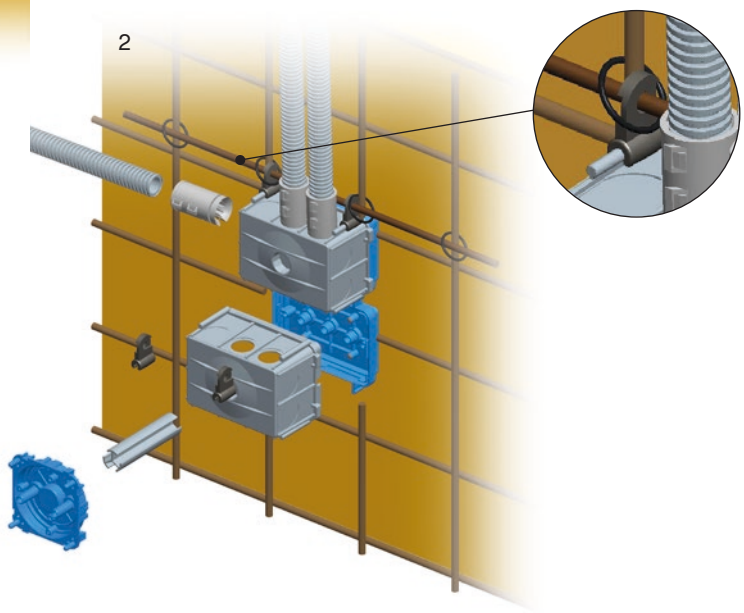

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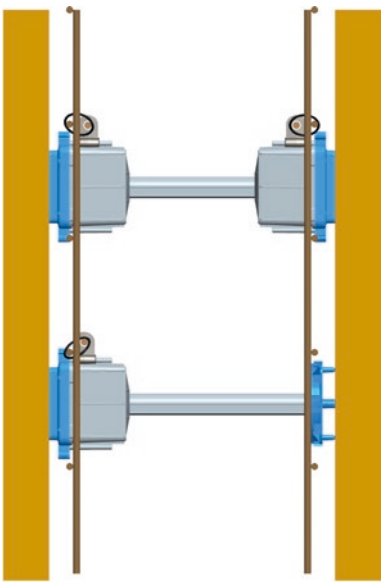

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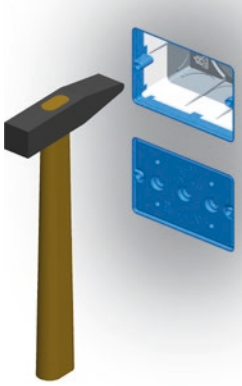


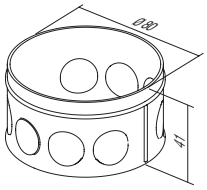
RAZVODNA DOZA OKROGLA ZA ZID DSM78

DW10

- Ø78, globina 40mm
- 650°C, 500V~
- ustreza IEC 60670-1 in IEC 60670-22
- “halogen free”

CONNECTION ROUND BOX BRICK DSM78

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



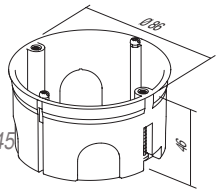
RAZVODNA DOZA OKROGLA ZA VOTLE STENE SM78x45

HW10

- Ø78, globina 45mm
- vgradnja v izvrtino Ø80
- 850°C, 400V~
- ustreza IEC 60670-1 in IEC 60670-22
- montaža s krempeljci
- “halogen free”

CONNECTION ROUND BOX HOLLOW WALL SM78x45

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



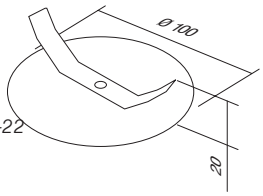
POKROV DOZE DEKORATIVNI SM78

DE23

- dekorativni pokrov doze Ø78
- ustreza IEC 60670-1 and IEC 60670-22
- “halogen free”

BOX COVER DECORATIVE SM78

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



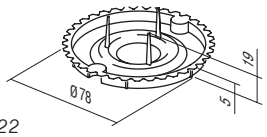
POKROV DOZE ZAŠČITNI 78

DE24

- zaščitni pokrov doze Ø78
- ustreza IEC 60670-1 in IEC 60670-22
- “halogen free”

BOX COVER PROTECTIVE 78

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



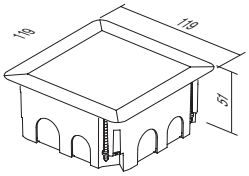
RAZVODNA DOZA KVADRATNA ZA ZID SM105x105

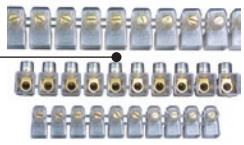
HW20

- 105x105mm, globina 50mm
- vgradnja v izvrtino s priloženo šablono
- 850°C, 400V~
- ustreza IEC 60670-1 in IEC 60670-22
- montaža s krempeljci
- “halogen free”

CONNECTION SQUARE BOX BRICK SM105x105

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





UW10

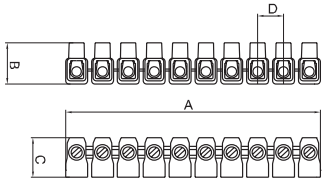
tip *type*	naziv *description*	tehnični opis *technical data*	velikost *size*	barva *colour*	
UW10	ENOREDNE SPONKE ZAPRTE *1 ROW TERMINAL BLOCKS*	2x2.5mm²	10P	TS	prozorna *transparent*
UW11	ENOREDNE SPONKE ZAPRTE *1 ROW TERMINAL BLOCKS*	2x4mm²	10P	CO	barvne *colour*
UW12	ENOREDNE SPONKE ZAPRTE *1 ROW TERMINAL BLOCKS*	2x6mm²	10P	WH	bela *white*
. . .	. . .	. . .	. . .	GY	siva *grey*

ENOREDNE SPONKE ZAPRTE

- 450V~; 2x2.5mm² ÷ 2x6mm²
- termoplast PC, prozorne
- število polov: 10

1 ROW TERMINAL BLOCKS CLOSED

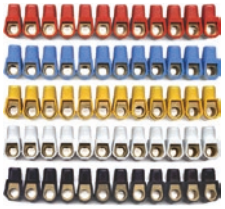
- 450V~; 2x2.5mm² ÷ 2x6mm²
- thermoplast PC, transparent
- number of poles: 10



UW10TS	(NS12)	2x2.5mm²	10P
UW11TS	(NS12)	2x4mm²	10P
UW12TS	(NS12)	2x6mm²	10P

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

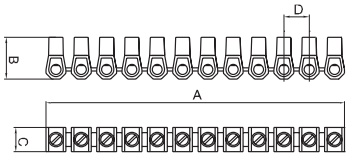
ENOREDNE SPONKE



- 450V~; 2x2.5mm² ÷ 2x6mm²
- termoplast PA
- na voljo v različnih barvah
- število polov: 12

1 ROW TERMINAL BLOCKS

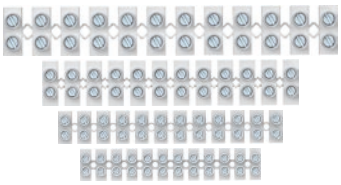
- 450V~; 2x2.5mm² ÷ 2x6mm²
- thermoplast PA
- available in different colours
- number of poles: 12



UW15CO	(NS12)	2x2.5mm²	12P
UW16CO	(NS12)	2x4mm²	12P
UW17CO	(NS12)	2x6mm²	12P

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

DVOREDNE SPONKE PP



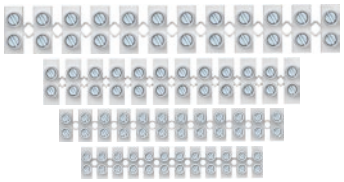
- 450 V~; 1 mm² ÷ 16 mm²
- termoplast polipropilen PP, bele
- za uporabo do 80°C
- število polov: 12

2 ROW TERMINAL BLOCKS PP

- 450V~; 1mm² ÷ 16mm²
- thermoplast polypropylene PP, white
- for temperatures up to 80°C
- number of poles: 12

					A	B	C	D	E
UW29WHPP	1.0-4.0mm²	24 A	450 V		94,9	13	16,6	8,1	6,4
UW30WHPP	1.5-6.0mm²	32 A	450 V		116,5	14,9	18,9	10	7,3
UW31WHPP	2.5-10mm²	41 A	450 V		133,8	17,3	23,4	11,5	10
UW32WHPP	4-16mm²	76 A	450 V		174,5	20,7	25	15	11

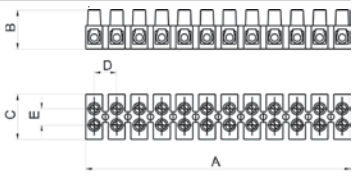
DVOREDNE SPONKE PA



- 450 V~; 1 mm² ÷ 16 mm²
- termoplast poliamid PA, bele
- za uporabo do 110°C
- število polov: 12

2 ROW TERMINAL BLOCKS PA

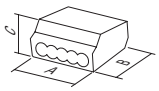
- 450V~; 1mm² ÷ 16mm²
- thermoplast polyamide PA, white
- for temperatures up to 110°C
- number of poles: 12



					A	B	C	D	E
UW25WHPA	1.0-4.0mm²	24 A	450 V		93,6	13,4	16,2	8	6,4
UW26WHPA	1.5-6.0mm²	32 A	450 V		117	15	18,6	10	7,3
UW27WHPA	2.5-10mm²	41 A	450 V		132,8	17,3	22,2	11,5	10
UW28WHPA	4-16mm²	76 A	450 V		173,9	20,8	25,2	15	11

BREZVIJAČNE SPONKE

- 24A 450V~, termoplast PA, sive
- število polov: 3÷8
- brezvijačni kontakti 0.5 ÷ 1.5mm², za trde žice
- ustreza EN 60998-1



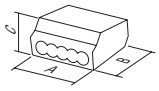
PLUG-IN WIRE CONNECTORS

- 24A 450V~, thermoplast PA, grey
- number of poles: 3÷8
- plug-in contacts 0.5÷1.5mm², for rigide wires
- in accordance with EN 60998-1

					A	B	C
UW40GY	PC153	1.5mm²	3P	3P	12	18	9
UW41GY	PC155	1.5mm²	5P	5P	17	18	9
UW42GY	PC158	1.5mm²	8P	8P	26	18	9

BREZVIJAČNE SPONKE

- 24A 450V~, termoplast PA, sive
- število polov: 3÷5
- brezvijačni kontakti 1.5 ÷ 2.5mm², za trde žice
- ustreza EN 60998-1



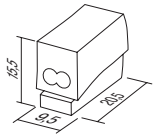
PLUG-IN WIRE CONNECTORS

- 24A 450V~, thermoplast PA, grey
- number of poles: 3÷5
- plug-in contacts 1.5÷2.5mm², for rigide wires
- in accordance with EN 60998-1

					A	B	C
UW45GY	PC253	2.5mm²	3P	3P	14	19	9
UW46GY	PC254	2.5mm²	4P	4P	17	19	9
UW47GY	PC255	2.5mm²	5P	5P	21	19	9

BREZVIJAČNE SPONKE

- 24A 450V~, termoplast PA, sive
- število polov: 2 (trda žica)+1 (mehka žica)
- brezvijačni kontakti 1.5 ÷ 2.5mm²
- ustreza EN 60998-1

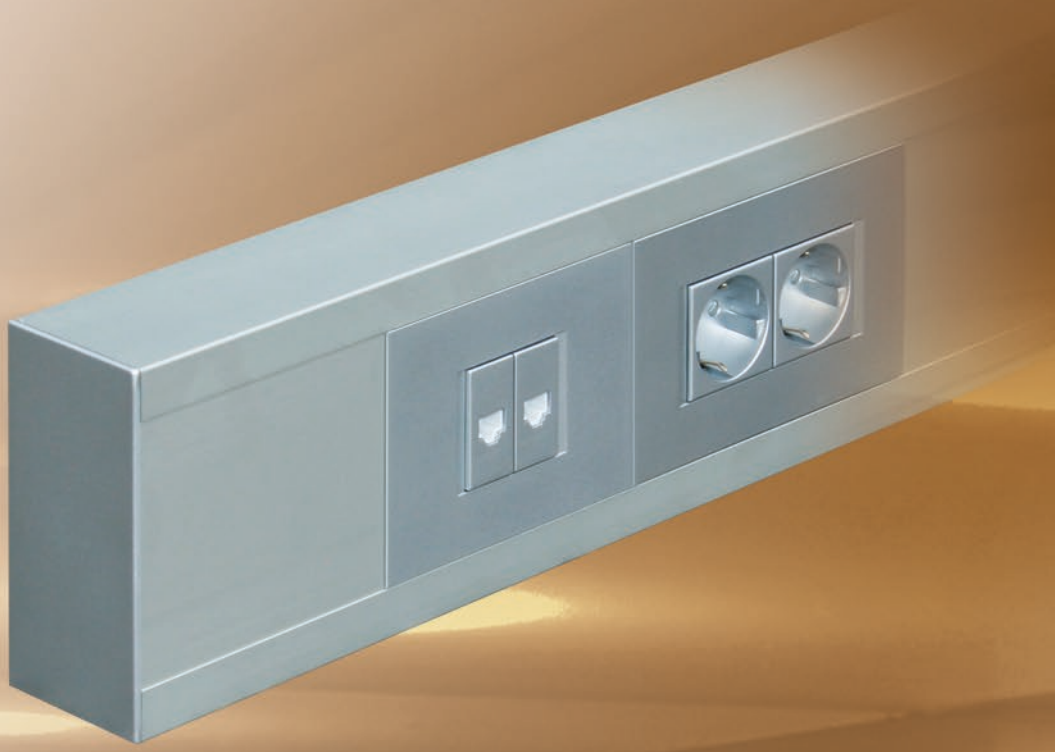


PLUG-IN WIRE CONNECTOR

- 24A 450V~, thermoplast PA, grey
- number of poles: 2 (rigide wire)+1 (soft wire)
- plug-in contacts 1.5÷2.5mm²
- in accordance with EN 60998-1

UW50WH	PC302	2.5mm²	2/1P

TEM



KATALOG /
CATALOGUE

distribucija

OHIŠJA CUBO IP20 AC
BOXES CUBO IP20 AC 162

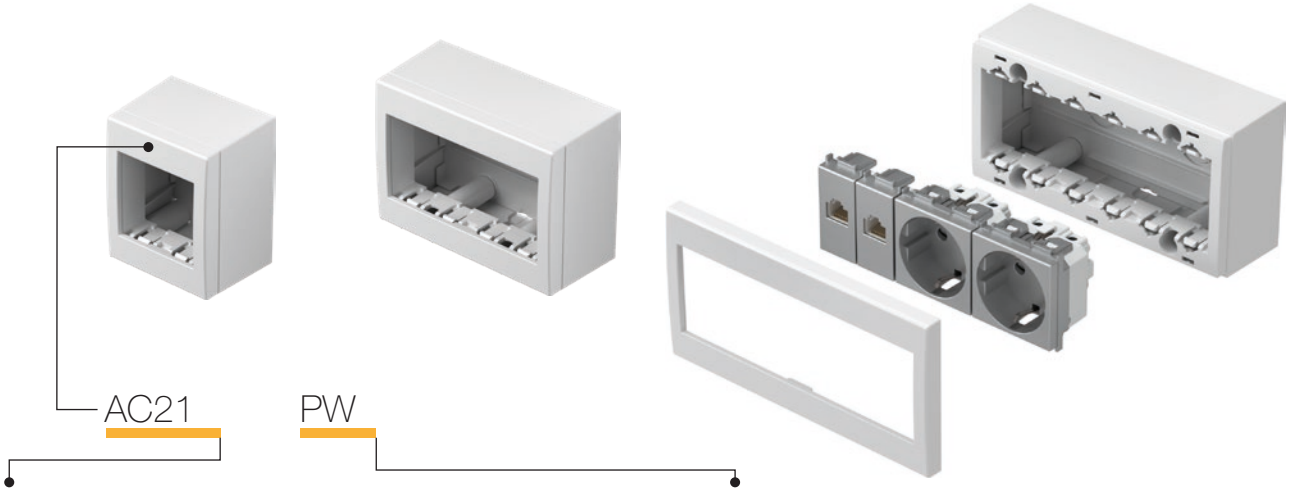
OHIŠJA CUBO IP55 AQ
BOXES CUBO IP55 AQ 163

PARAPETNI KANALI ALUMINIJSKI MA
TRUNKING SYSTEM ALUMINIUM MA 165

TALNE DOZE MT
FLOOR BOXES MT 171

RAZVODNE OMARICE MO
DISTRIBUTION BOARDS MO 173

O H I Š J A C U B O I P 2 0 A C



tip *type*	naziv *description*	tehnični opis *technical data*	velikost *size*	barva *colour*
AC11	OHIŠJE NO CUBO Z DNOM *SURFACE MOUNT BOX WITH BACK SIDE COVER*	IP20	1M	☐ PW bela-sijaj *polar white* ☐ ES srebrna-mat *elox silver* ☐ IW bež-sijaj *ivory white*
AC21	OHIŠJE NO CUBO Z DNOM *SURFACE MOUNT BOX WITH BACK SIDE COVER*	IP20	2M	
AC41	OHIŠJE NO CUBO Z DNOM *SURFACE MOUNT BOX WITH BACK SIDE COVER*	IP20	4M	

OHIŠJE NO CUBO Z DNOM IP20 1M

☐ AC11PW
☐ AC11ES
☐ AC11IW

- ohišje IP20 1M
- za nadometno pritrditev elementov
- primeren za stikala SM
- ustreza EN 60669-1

BOX NO CUBO WITH BACK SIDE COVER IP20 1M

- box IP20 1M
- for surface mounting of elements
- suitable to SM switches
- in accordance with EN 60669-1

OHIŠJE NO CUBO Z DNOM IP20 2M

☐ AC21PW
☐ AC21ES
☐ AC21IW

- ohišje IP20 2M
- za nadometno pritrditev elementov
- ustreza EN 60669-1, EN60884-1

BOX NO CUBO WITH BACK SIDE COVER IP20 2M

- box IP20 2M
- for surface mounting of elements
- in accordance with EN 60669-1, EN60884-1

OHIŠJE NO CUBO Z DNOM IP20 4M

☐ AC41PW
☐ AC41ES
☐ AC41IW

- ohišje IP20 4M
- za nadometno pritrditev elementov
- ustreza EN 60669-1, EN60884-1

BOX NO CUBO WITH BACK SIDE COVER IP20 4M

- box IP20 4M
- for surface mounting of elements
- in accordance with EN 60669-1, EN60884-1

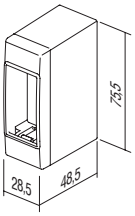
OHIŠJE NO CUBO Z DNOM IP20 6M

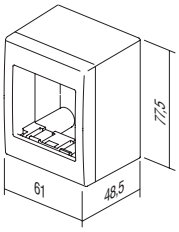
☐ AC61PW
☐ AC61ES
☐ AC61IW

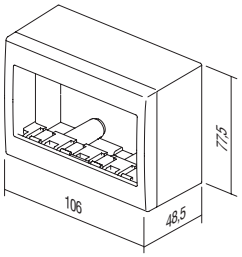
- ohišje IP20 6M
- za nadometno pritrditev elementov
- ustreza EN 60669-1, EN60884-1

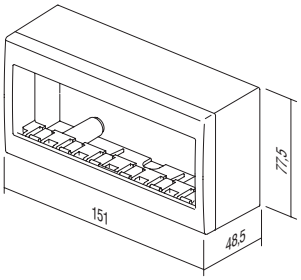
BOX NO CUBO WITH BACK SIDE COVER IP20 6M

- box IP20 6M
- for surface mounting of elements
- in accordance with EN 60669-1, EN60884-1









distribucija

B O X E S C U B O I P 5 5 A Q

AQ30 PW

tip *type*	naziv *description*	tehnični opis *technical data*	velikost *size*	barva *colour*
AQ20	OHIŠJE NO CUBO *OUTDOOR SURFACE MOUNT BOX*	IP55	2M	☐ PW bela sijaj *polar white*
AQ22	OHIŠJE NO CUBO *OUTDOOR SURFACE MOUNT BOX*	IP55	2x2M	■ GY siva *grey*
AQ30	OHIŠJE NO CUBO *OUTDOOR SURFACE MOUNT BOX*	IP55	3M	
AQ31	OHIŠJE NO CUBO *OUTDOOR SURFACE MOUNT BOX*	IP55	3M	

OHIŠJE NO CUBO IP55 2M

☐ AQ20PW
■ AQ20GY

- ohišje IP55 2M
- za nadometno pritrditev
- IP55 za vgradnjo v vlažne prostore
- ustreza CEI 23-48, EN 60670

BOX NO CUBO IP55 2M

- box IP55 2M
- for surface mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670

OHIŠJE NO CUBO IP55 2x2M

☐ AQ22PW
■ AQ22GY

- ohišje IP55 2x2M
- za nadometno pritrditev
- IP55 za vgradnjo v vlažne prostore
- ustreza CEI 23-48, EN 60670

BOX NO CUBO IP55 2x2M

- box IP55 2x2M
- for surface mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670

OHIŠJE NO CUBO IP55 3M

☐ AQ30PW
■ AQ30GY

- ohišje IP55 3M
- za nadometno pritrditev
- IP55 za vgradnjo v vlažne prostore
- ustreza CEI 23-48, EN 60670

BOX NO CUBO IP55 3M

- box IP55 3M
- for surface mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670

OHIŠJE PO CUBO IP55 3M

☐ AQ31PW
■ AQ31GY

- ohišje IP55 3M
- za podometno pritrditev
- IP55 za vgradnjo v vlažne prostore
- ustreza CEI 23-48, EN 60670

BOX PO CUBO IP55 3M

- box IP55 3M
- for flush mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670

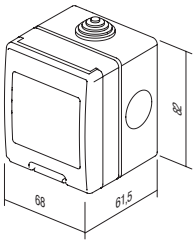
OHIŠJE PO CUBO IP55 2M

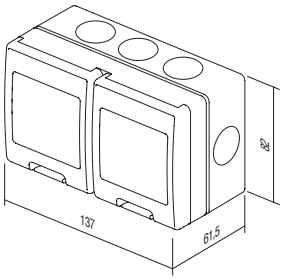
☐ AQ21PW

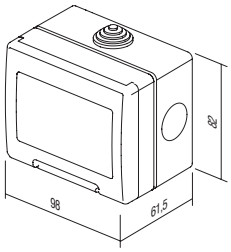
- ohišje IP55 2M
- lahko se kombinira z vsemi funkcijskimi elementi Modul
- za podometno pritrditev
- IP55 za vgradnjo v vlažne prostore
- ustreza CEI 23-48, EN 60670

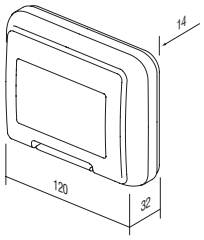
BOX PO CUBO IP55 2M

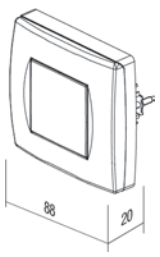
- box IP55 2M
- can be combined with all Modul functional elements
- for flush mounting
- IP55 for usage in humid areas
- in accordance with CEI 23-48, EN 60670

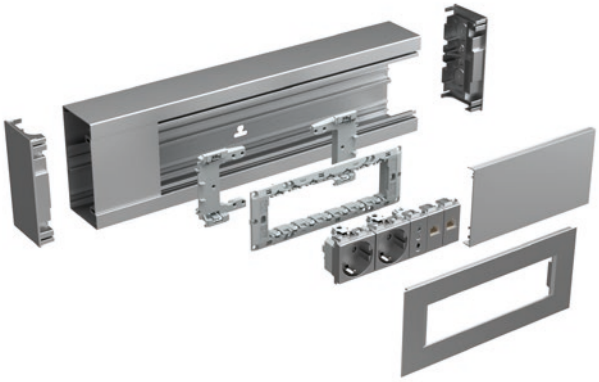












RT20 ES

tip *type*	naziv *description*	velikost *size*	barva *colour*
RT10	ADAPTER MA 92 *ADAPTER MA 92*	/	■ ES srebrna-mat *elox silver-mat*
RT12	OKVIR MA 92 *COVER PLATE MA 92*	2/3M	□ PW bela-mat (RAL 9016) *white-mat*
RT14	OKVIR MA 92 *COVER PLATE MA 92*	4M	
.	.	.	
.	.	.	
.	.	.	

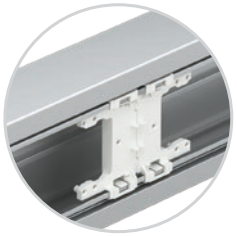
ADAPTER MA 92

RT10

- adapter za pritrditev nosilcev 2/3M, 4M ali 7M Modul na kanal MA brez doze
- vsak nosilec potrebuje dva adapterja
- ustreza EN 50085-1

ADAPTER MA 92

- adapter for fixing mounting frames 2/3M, 4M or 7M on MA trunking without box
- each mounting frame needs two adapters
- in accordance with EN 50085-1



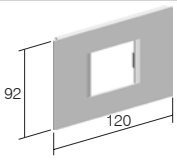
OKVIR MA 92 2/3M

■ RT12ES
□ RT12PW

- dekorativni okvir MA 2/3M
- ustreza EN 50085-1

COVER PLATE MA 92 2/3M

- decorative cover plate MA 2/3M
- in accordance with EN 50085-1



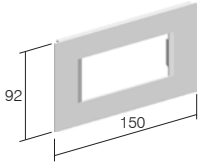
OKVIR MA 92 4M

■ RT14ES
□ RT14PW

- dekorativni okvir MA 4M
- ustreza EN 50085-1

COVER PLATE MA 92 4M

- decorative cover plate MA 4M
- in accordance with EN 50085-1



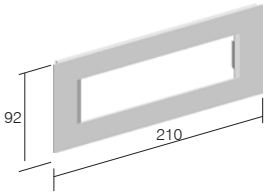
OKVIR MA 92 7M

■ RT17ES
□ RT17PW

- dekorativni okvir MA 7M
- ustreza EN 50085-1

COVER PLATE MA 92 7M

- decorative cover plate MA 7M
- in accordance with EN 50085-1



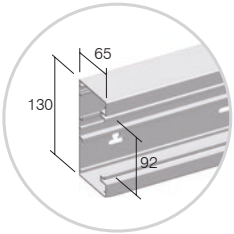
OSNOVA KANALA MA 130x65

■ RT20ES
□ RT20PW

- osnova kanala iz ekstrudiranega aluminija
- višina 130mm, dolžina 2m
- DIN letev 35mm na dnu
- ustreza EN 50085-1

TRUNKING BASE MA 130x65

- trunging base from extruded aluminium
- height 130mm, lenght 2m
- DIN - rail 35mm shape on bottom
- in accordance with EN 50085-1



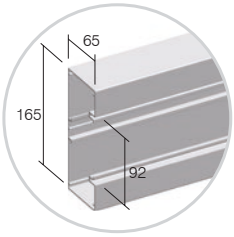
OSNOVA KANALA MA 165x65

■ RT21ES
□ RT21PW

- osnova kanala iz ekstrudiranega aluminija
- višina 165mm, dolžina 2m
- DIN letev 35mm na dnu
- ustreza EN 50085-1

TRUNKING BASE MA 165x65

- trunging base from extruded aluminium
- height 165mm, lenght 2m
- DIN - rail 35mm shape on bottom
- in accordance with EN 50085-1



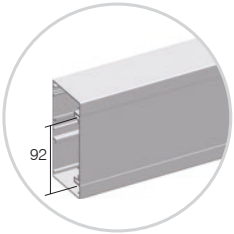
POKROV KANALA MA 92

■ RT25ES
□ RT25PW

- pokrov kanala iz ekstrudiranega aluminija
- višina 92mm, dolžina 2m
- ustreza EN 50085-1

FRONT COVER MA 92

- front cover from extruded aluminium
- height 92mm, lenght 2m
- in accordance with EN 50085-1



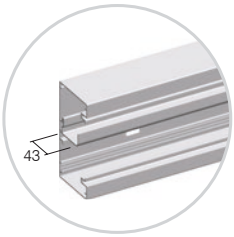
PREGRADA MA 43

RT30

- pregrada kanala iz ekstrudiranega polimera
- globina 43mm, dolžina 2m
- ustreza EN 50085-1

CABLE SHELF MA 43

- cable shelf from extruded polymer
- depth 43mm, lenght 2m
- in accordance with EN 50085-1



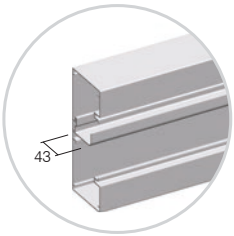
PREGRADA MA 43 AL

RT31

- pregrada kanala iz ekstrudiranega aluminija
- globina 43mm, dolžina 2m
- ustreza EN 50085-1

CABLE SHELF MA 43 AL

- cable shelf from extruded aluminium
- depth 43mm, lenght 2m
- in accordance with EN 50085-1



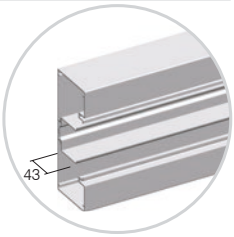
PREGRADA MA 43 AL DVOJNA

RT32

- dvojna pregrada kanala iz ekstrudiranega aluminija
- globina 43mm, dolžina 2m
- ustreza EN 50085-1

CABLE SHELF MA 43 AL DOUBLE

- double cable shelf from extruded aluminium
- depth 43mm, lenght 2m
- in accordance with EN 50085-1



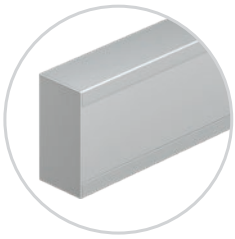
KONČNI ELEMENT MA 130x65

■ RT35ES
□ RT35PW

- končni element iz polimera
- višina 130mm
- ustreza EN 50085-1

STOP END MA 130x65

- stop end element from polymer
- height 130mm
- in accordance with EN 50085-1



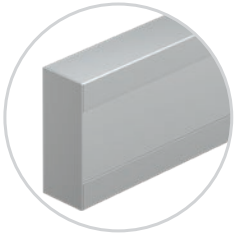
KONČNI ELEMENT MA 165x65

■ RT36ES
□ RT36PW

- končni element iz kovine
- višina 165mm
- ustreza EN 50085-1

STOP END MA 165x65

- stop end element from metal
- height 165mm
- in accordance with EN 50085-1



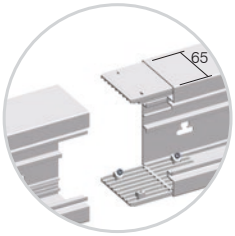
SET RAVNI VEZNI ELEMENT MA 65

RT38

- vezni element iz polimera
- set vsebuje 2 vezna elementa in vijake
- ustreza EN 50085-1

SET JOINING PIECE MA 65

- joining piece from polymer
- set contains two pieces ans screws
- in accordance with EN 50085-1



UNIVERZALNI KOT MA 130x65

■ RT40ES
□ RT40PW

- univerzalni kotni element
- višina 130mm
- ustreza EN 50085-1

UNIVERSAL CORNER MA 130x65

- universal corner element
- height 130mm
- in accordance with EN 50085-1

UNIVERZALNI KOT MA 165x65

■ RT41ES
□ RT41PW

- univerzalni kotni element
- višina 165mm
- ustreza EN 50085-1

UNIVERSAL CORNER MA 165x65

- universal corner element
- height 165mm
- in accordance with EN 50085-1

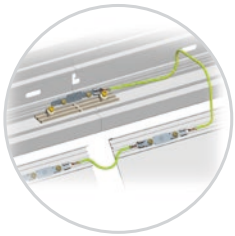
OZEMLJITVENA SPONKA MA 2x A6.3

RT42

- ozemljitvena sponka za ozemljitev osnove in pokrova kanala
- ustreza EN 50085-1

EARTHING PIECE MA 2x A6.3

- earthing piece for earthing of trunking base and front cover
- in accordance with EN 50085-1



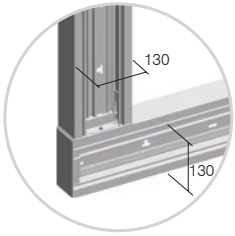
L KOTNI ELEMENT MA 130x65

■ RT43ES
☐ RT43PW

- univerzalni L kotni element iz aluminija
- višina 130mm, dolžina 400mm
- ustreza EN 50085-1

L-BEND MA 130x65

- universal L bend element from aluminium
- height 130mm, lenght 400mm
- in accordance with EN 50085-1



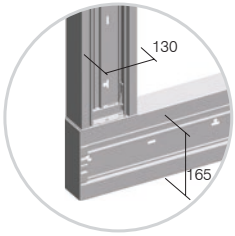
L KOTNI ELEMENT MA 165x65

■ RT44ES
☐ RT44PW

- univerzalni L kotni element iz aluminija
- višina 165mm, dolžina 400mm
- vezava na MA 130x65
- ustreza EN 50085-1

L-BEND MA 165x65

- universal L bend element from aluminium
- height 165mm, lenght 400mm
- connection on MA 130x65
- in accordance with EN 50085-1



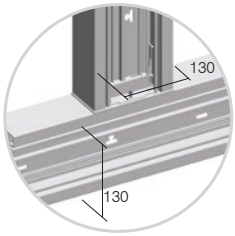
T ELEMENT MA 130x65

■ RT45ES
☐ RT45PW

- univerzalni T kotni element iz aluminija
- višina 130mm, dolžina 400mm
- ustreza EN 50085-1

T-BEND MA 130x65

- universal T bend element from aluminium
- height 130mm, lenght 400mm
- in accordance with EN 50085-1



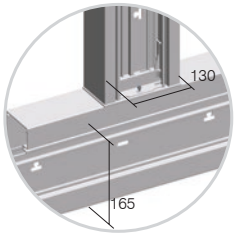
T ELEMENT MA 165x65

■ RT46ES
☐ RT46PW

- univerzalni T kotni element iz aluminija
- višina 165mm, dolžina 400mm
- vezava na MA 130x65
- ustreza EN 50085-1

T-BEND MA 165x65

- universal T bend element from aluminium
- height 165mm, lenght 400mm
- connection on MA 130x65
- in accordance with EN 50085-1

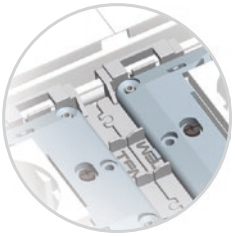


MA je modularni sistem za velikosti: 2M, 4M, 7M

MA trunking is based on modular system making 2M, 4M or 7M combinations of elements

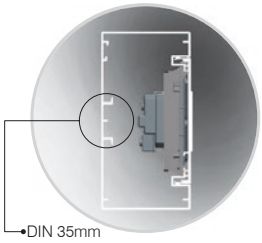
Modul vsebuje tudi elemente pripravljene za hitro montažo

In Modul we provide special elements for quick installation



Adapter MA omogoča natančno pozicioniranje na rob kanala

With Adapter MA exact positioning without extra effort is provided



Montaža brez doze pomeni več prostora za kable, DIN letev oblika EN-60715

Mounted without box means more space for cables, DIN-rail base shape EN-60715

NOSILEC STEBRIČKA MA ENOJNI 130x65

■ RT50ES
□ RT50PW

- nosilec za pritrditev kanala MA130 v tla in/ali v strop prostora
- ustreza EN 50085-1

FIXING PLATE MA SINGLE 130x65

- fixing plate for fixing trunking base MA130 on the floor and/or on the ceiling
- in accordance with EN 50085-1

NOSILEC STEBRIČKA MA DVOJNI 130x65

■ RT51ES
□ RT51PW

- nosilec za pritrditev dveh kanalov MA130 v tla in/ali v strop prostora
- ustreza EN 50085-1

FIXING PLATE MA DOUBLE 130x65

- fixing plate for fixing two trunking bases MA130 on the floor and/or on the ceiling
- in accordance with EN 50085-1

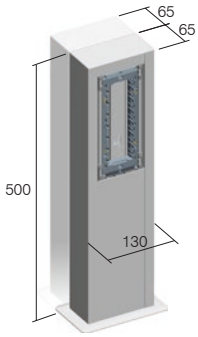
STEBRIČEK MA 130x65x500

■ RT52ES
□ RT52PW

- instalacijski stebriček MA
- višina 500mm
- nosilec 7M vgrajen
- ustreza EN 50085-1

SERVICE POST MA 130x65x500

- service post MA
- height 500mm
- mounting frame 7M included
- in accordance with EN 50085-1



STEBRIČEK MA DVOJNI 130x130x500

■ RT53ES
□ RT53PW

- instalacijski stebriček MA dvojni
- višina 500mm
- nosilca 7M vgrajena
- ustreza EN 50085-1

SERVICE POST MA DOUBLE 130x130x500

- service post MA double
- height 500mm
- mounting frames 7M included
- in accordance with EN 50085-1

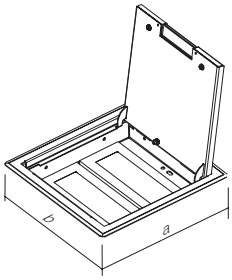
Presek vodnika / *Cable intersection* mm²	Uporabni presek kablov / *Cable cross-section* (mm²)				
	1 vodnik / *1 wire*	2 vodnika / *2 wires*	3 vodniki / *3 wires*	4 vodniki / *4 wires*	5 vodnikov / *5 wires*
1,5	44	111	121	144	169
2,5	49	133	157	169	211
4	58	169	183	211	256
6	68	196	225	256	307

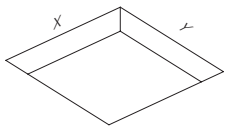
Kapaciteta kanala / *Trunk capacity*				
kanal / *Trunk*	MA 130x65 prazen / *empty*	MA 130x65 z Modul opremo / *with Modul switches and sockets*	MA 165x65 prazen / *empty*	MA 130x65 z Modul opremo / *with Modul switches and sockets*
kapaciteta *capacity*	7600 mm²	5500 mm²	9900 mm²	7800 mm²
max ø	54 mm	2x42 mm	54 mm	2x42 mm

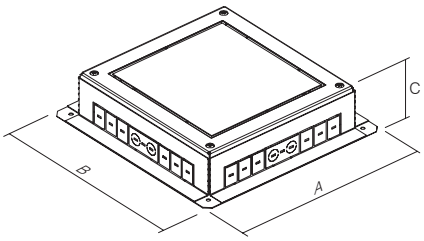
RB33

tip *type*	naziv *description*	tehnični opis *technical data*
RB30	TALNA DOZA *FLOOR BOX*	MT 7
RB31	PODSTAVEK TALNE DOZE *FLOOR BOX FLANGE*	MT 7
RB33	TALNA DOZA *FLOOR BOX*	MT 14
. . .	. . .	. . .

	RB30	RB33	RB36	RB40	RB43	RB46
a	170	260	350	170	260	350
b	260	260	260	260	260	260
X	140	230	320	140	230	320
Y	230	230	230	230	230	230







	RB31	RB34	RB37	RB41	RB44	RB47
A	250	340	430	250	340	430
B	340	340	340	340	340	340
C	95-125	95-125	95-125	125-150	125-150	125-150

F L O O R B O X E S M T

TALNA DOZA MT 7

RB30

- talna doza MT 7
- kovinska, barva srebrna RAL 9006
- nosilec MODUL 7M vgrajen
- vgradna mera 140x230mm, globina min 95mm
- debelina talne obloge pokrova do 10mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX MT 7

- floor box MT 7
- metal, colour silver RAL 9006
- mounting frame MODUL 7M included
- mounting dimensions 140x230mm, depth min 95mm
- floor lining thickness up to 10mm
- in accordance with EN 50085-1 and EN 50085-2-2

TALNA DOZA MT 7 H=88mm

RB40

- talna doza MT 7
- kovinska, barva srebrna RAL 9006
- nosilec MODUL 7M vgrajen
- vgradna mera 140x230mm, globina min 120mm
- debelina talne obloge pokrova do 10mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX MT 7 H=88mm

- floor box MT 7
- metal, colour silver RAL 9006
- mounting frame MODUL 7M included
- mounting dimensions 140x230mm, depth min 120mm
- floor lining thickness up to 10mm
- in accordance with EN 50085-1 and EN 50085-2-2

PODSTAVEK TALNE DOZE MT 7

RB31

- podstavek talne doze za pokrov MT 7
- kovinski, cinkan
- za vgradnjo v tlak ali dvojni pod
- nastavljiva višina 95-125mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX FLANGE MT 7

- floor box flange for box cover MT 7
- metal, galvanized
- for installation in a floor or double floor
- adjustable height 95-125mm
- in accordance with EN 50085-1 and EN 50085-2-2

PODSTAVEK TALNE DOZE MT 7 H=88mm

RB41

- podstavek talne doze za pokrov MT 7 H=88mm
- kovinski, cinkan
- za vgradnjo v tlak ali dvojni pod
- nastavljiva višina 125-150mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX FLANGE MT 7 H=88mm

- floor box flange for box cover MT 7 H=88mm
- metal, galvanized
- for installation in a floor or double floor
- adjustable height 125-150mm
- in accordance with EN 50085-1 and EN 50085-2-2

TALNA DOZA MT 14

RB33

- talna doza MT 14
- kovinska, barva srebrna RAL 9006
- nosilca MODUL 2x7M vgrajena
- vgradna mera 230x230mm, globina min 95mm
- debelina talne obloge pokrova do 10mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX MT 14

- floor box MT 14
- metal, colour silver RAL 9006
- mounting frame MODUL 2x7M included
- mounting dimensions 230x230mm, depth min 95mm
- floor lining thickness up to 10mm
- in accordance with EN 50085-1 and EN 50085-2-2

TALNA DOZA MT 14 H=88mm

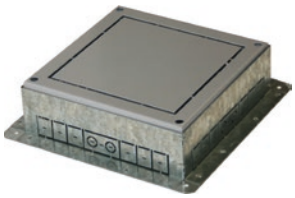
RB43

- talna doza MT 14
- kovinska, barva srebrna RAL 9006
- nosilca MODUL 2x7M vgrajena
- vgradna mera 230x230mm, globina min 120mm
- debelina talne obloge pokrova do 10mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX MT 14 H=88mm

- floor box MT 14
- metal, colour silver RAL 9006
- mounting frames MODUL 2x7M included
- mounting dimensions 230x230mm, deepth min 120mm
- floor lining thickness up to 10mm
- in accordance with EN 50085-1 and EN 50085-2-2

PODSTAVEK TALNE DOZE MT 14



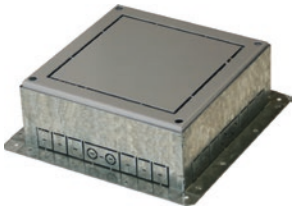
RB34

- podstavek talne doze za pokrov MT 14
- kovinski, cinkan
- za vgradnjo v tlak ali dvojni pod
- nastavljiva višina 95-125mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX FLANGE MT 14

- floor box flange for box cover MT 14
- metal, galvanized
- for installation in a floor or double floor
- adjustable height 95-125mm
- in accordance with EN 50085-1 and EN 50085-2-2

PODSTAVEK TALNE DOZE MT 14 H=88mm



RB44

- podstavek talne doze za pokrov MT 14 H=88mm
- kovinski, cinkan
- za vgradnjo v tlak ali dvojni pod
- nastavljiva višina 125-150mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX FLANGE MT 14 H=88mm

- floor box flange for box cover MT 14 H=88mm
- metal, galvanized
- for installation in a floor or double floor
- adjustable height 125-150mm
- in accordance with EN 50085-1 and EN 50085-2-2

TALNA DOZA MT 21

RB36

- talna doza MT 21
- kovinska, barva srebrna RAL 9006
- nosilci MODUL 3x7M vgrajeni
- vgradna mera 320x230mm, globina min 95mm
- debelina talne obloge pokrova do 10mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX MT 21

- floor box MT 21
- metal, colour silver RAL 9006
- mounting frames MODUL 3x7M included
- mounting dimensions 320x230mm, deepth min 95mm
- floor lining thickness up to 10mm
- in accordance with EN 50085-1 and EN 50085-2-2

TALNA DOZA MT 21 H=88mm

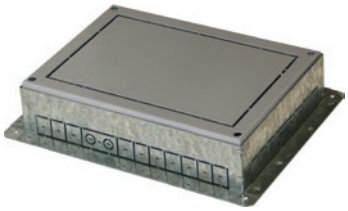
RB46

- talna doza MT 21
- kovinska, barva srebrna RAL 9006
- nosilci MODUL 3x7M vgrajeni
- vgradna mera 320x230mm, globina min 120mm
- debelina talne obloge pokrova do 10mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX MT 21 H=88mm

- floor box MT 21
- metal, colour silver RAL 9006
- mounting frames MODUL 3x7M included
- mounting dimensions 320x230mm, deepth min 120mm
- floor lining thickness up to 10mm
- in accordance with EN 50085-1 and EN 50085-2-2

PODSTAVEK TALNE DOZE MT 21



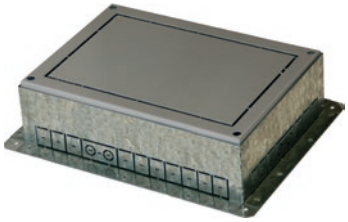
RB37

- podstavek talne doze za pokrov MT 21
- kovinski, cinkan
- za vgradnjo v tlak ali dvojni pod
- nastavljiva višina 95-125mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX FLANGE MT 21

- floor box flange for box cover MT 21
- metal, galvanized
- for installation in a floor or double floor
- adjustable height 95-125mm
- in accordance with EN 50085-1 and EN 50085-2-2

PODSTAVEK TALNE DOZE MT 21 H=88mm

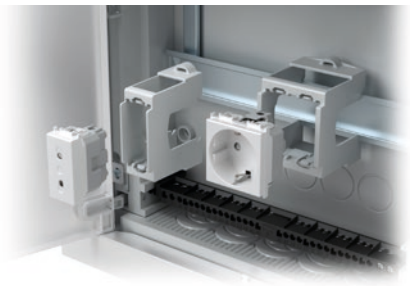


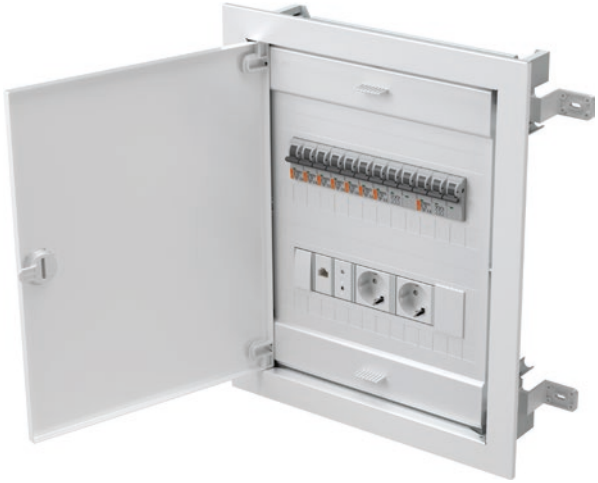
RB47

- podstavek talne doze za pokrov MT 21 H=88mm
- kovinski, cinkan
- za vgradnjo v tlak ali dvojni pod
- nastavljiva višina 125-150mm
- ustreza EN 50085-1 in EN 50085-2-2

FLOOR BOX FLANGE MT 21 H=88mm

- floor box flange for box cover MT 21 H=88mm
- metal, galvanized
- for installation in a floor or double floor
- adjustable height 125-150mm
- in accordance with EN 50085-1 and EN 50085-2-2





RB20

tip *type*	naziv *description*	tehnični opis *technical data*
RB10	ADAPTER ZA DIN LETEV *ADAPTER FOR DIN RAIL*	35mm 1M
RB11	ADAPTER ZA DIN LETEV *ADAPTER FOR DIN RAIL*	35mm 2M
RB20	RAZVODNA OMARICA *DISTRIBUTION BOX*	MO 12+2
. . .	. . .	. . .

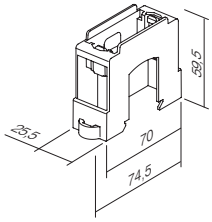
ADAPTER ZA DIN LETEV 35mm 1M

RB10

- adapter MODUL 1M
- za DIN letev 35mm
- ustreza EN 50022

ADAPTER FOR DIN RAIL 35mm 1M

- adapter MODUL 1M
- for DIN rail 35mm
- in accordance with EN 50022



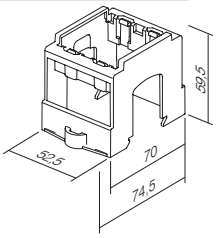
ADAPTER ZA DIN LETEV 35mm 2M

RB11

- adapter MODUL 2M
- za DIN letev 35mm
- ustreza EN 50022

ADAPTER FOR DIN RAIL 35mm 2M

- adapter MODUL 2M
- for DIN rail 35mm
- in accordance with EN 50022



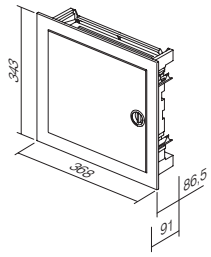
RAZVODNA OMARICA MO 12+2

RB20

- razvodna omarica MO enoredna 12+2MU
- 400V~, razred zaščite II, IP40
- kovinska vratca in okvir, barva bela RAL 9016
- ozemljitvene in ničelne sponke priložene
- za vgradnjo v zid
- ustreza EN 60670-1 in IEC 60670-24

DISTRIBUTION BOX MO 12+2

- distribution box MO single row 12+2MU
- 400V~, Class II, IP40
- metal leveling frame and door, colour white RAL 9016
- neutral and earth conductor terminals enclosed
- for brick wall mounting
- in accordance with EN 60670-1 and IEC 60670-24



RB20V0

- za vgradnjo v votle stene
- for hollow wall mounting

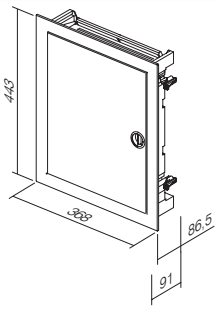
RAZVODNA OMARICA MO 24+4

RB21

- razvodna omarica MO dvoredna 24+4MU
- 400V~, razred zaščite II, IP40
- kovinska vratca in okvir, barva bela RAL 9016
- ozemljitvene in ničelne sponke priložene
- za vgradnjo v zid
- ustreza EN 60670-1 in IEC 60670-24

DISTRIBUTION BOX MO 24+4

- distribution box MO double row 24+4MU
- 400V~, Class II, IP40
- metal leveling frame and door, colour white RAL 9016
- neutral and earth conductor terminals enclosed
- for brick wall mounting
- in accordance with EN 60670-1 and IEC 60670-24



RB21V0

- za vgradnjo v votle stene
- for hollow wall mounting

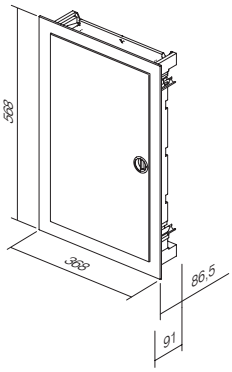
RAZVODNA OMARICA MO 36+6

RB22

- razvodna omarica MO triredna 36+6MU
- 400V~, razred zaščite II, IP40
- kovinska vratca in okvir, barva bela RAL 9016
- ozemljitvene in ničelne sponke priložene
- za vgradnjo v zid
- ustreza EN 60670-1 in IEC 60670-24

DISTRIBUTION BOX MO 36+6

- distribution box MO triple row 36+6 MU
- 400V~, Class II, IP40
- metal leveling frame and door, colour white RAL 9016
- neutral and earth conductor terminals enclosed
- for brick wall mounting
- in accordance with EN 60670-1 and IEC 60670-24



RB22V0

- za vgradnjo v votle stene
- for hollow wall mounting

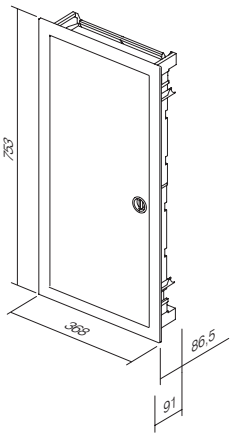
RAZVODNA OMARICA MO 48+8

RB23

- razvodna omarica MO štiriredna 48+8MU
- 400V~, razred zaščite II, IP40
- kovinska vratca in okvir, barva bela RAL 9016
- ozemljitvene in ničelne sponke priložene
- za vgradnjo v zid
- ustreza EN 60670-1 in IEC 60670-24

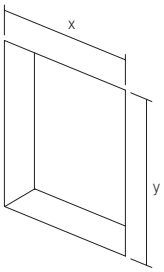
DISTRIBUTION BOX MO 48+8

- distribution box MO quad row 48+8 MU
- 400V~, Class II, IP40
- metal leveling frame and door, colour white RAL 9016
- neutral and earth conductor terminals enclosed
- for brick wall mounting
- in accordance with EN 60670-1 and IEC 60670-24



RB23V0

- za vgradnjo v votle stene
- for hollow wall mounting



	RB20 RB20VO	RB21 RB21VO	RB22 RB22VO	RB23 RB23VO
x	314	314	314	314
y	314	414	539	724

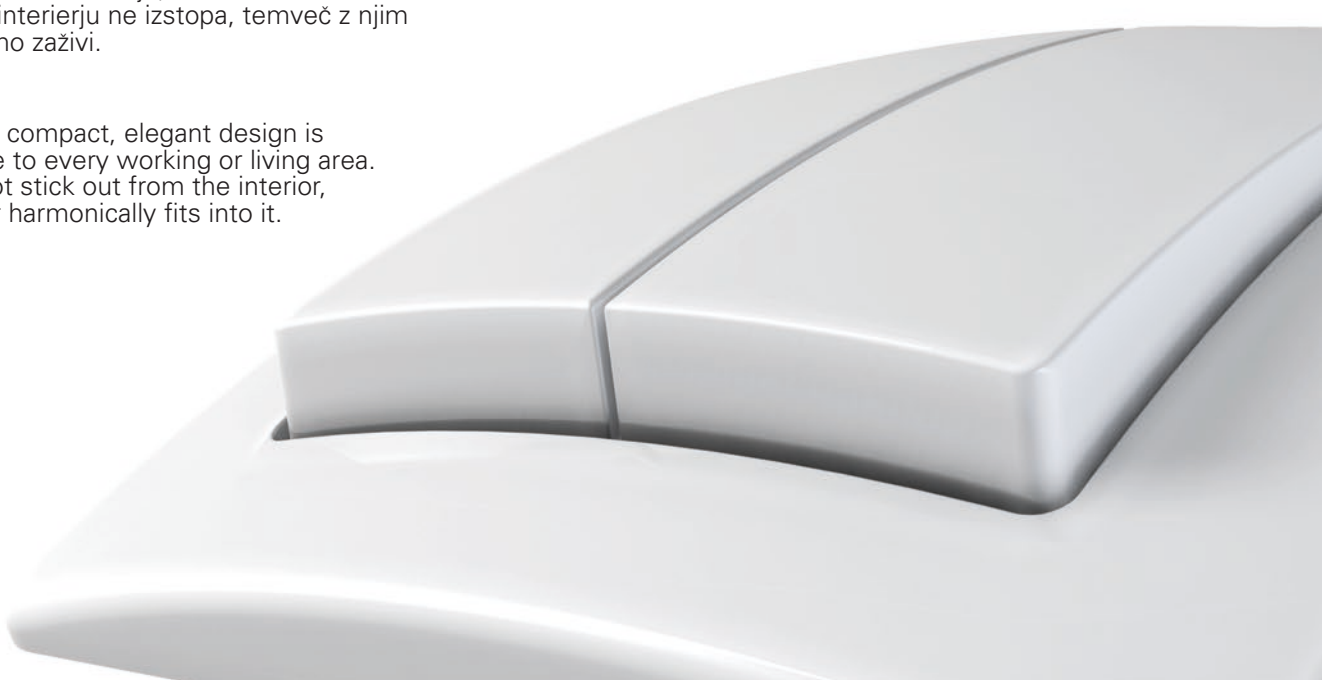
ekonomik®

Planned for excellence
Style is essential

ERGO METAL SOFT

Nevtralen, kompakten, eleganten dizajn se prilagodi v vsako okolje, v katerem bivate ali delate. V interierju ne izstopa, temveč z njim harmonično zaživi.

A neutral, compact, elegant design is adjustable to every working or living area. It does not stick out from the interior, but rather harmonically fits into it.



ekonomik®

Načrtovano za odličnost
Bistven je slog

Čista linija ekonomik je nežno zaobljena, premišljena ergonomija posebej za vas.

A pure line is slightly curved - well considered ergonomics especially for you.

Izbirate lahko med sijajno refleksnimi površinami in sodobnim kovinskim izgledom.

You can choose between shiny reflective surfaces and modern metallic look.

Mehkost oblike bo našla prostor v modernih in klasičnih interierjih.

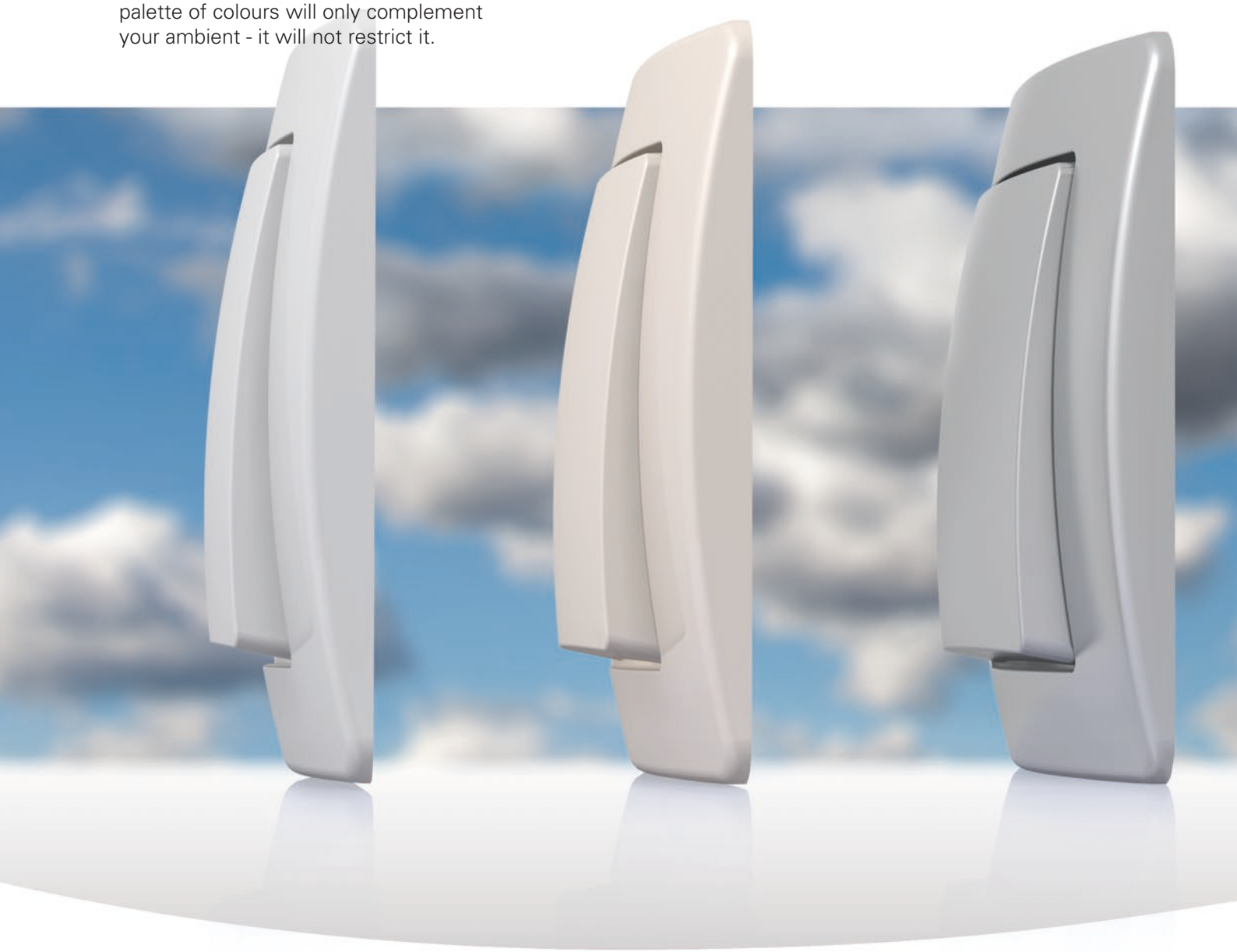
The softness of the form will find its place in modern as well as in classic interiors.

HARMONY REFLEX UV PROTECT

Želje so različne. Zato smo za vas pozorno izbrali možnosti, ki vam nudijo pravi odgovor. Nevtralna paleta barv bo le dopolnila vaš ambient - ne bo vas omejevala.

Desires can be very different. Therefore we have carefully selected possibilities for you, which can offer you the right answer. A neutral palette of colours will only complement your ambient - it will not restrict it.

Press and the world will spring to life
Colourful landscape between walls



Refleksne občutke vam nudijo sijajni polimerni materiali v beli in biserno beli (beige) barvi.

Shiny polymer materials in white and beige colours enable reflective mood.

Moderen in nevtralen je tudi izbrani dekorativni kovinski nanos.

Selected decorative metallic coat is at the same time modern and neutral.

ekonomik®

Pritisnite in svet bo zaživel
Barvita pokrajina med stenami

Za vse vas, ki se želite igrati s pastelnimi barvami, je rešitev Ekonomik Color.

For those who want to play with pastel colours Ekonomik Color represents a perfect solution.

Robustnost in visoka odpornost na zunanje vplive (UV) sta zagotovljeni z duroplastičnim materialom (Color).

Robustness and high resistance to external effects (UV) are secured by duroplastic materials (Color line).

VERTICAL HORIZONTAL SAVE SPACE

S sestavljanjem prihranite prostor na steni. Ko imate malo prostora, je navpično prava odločitev.

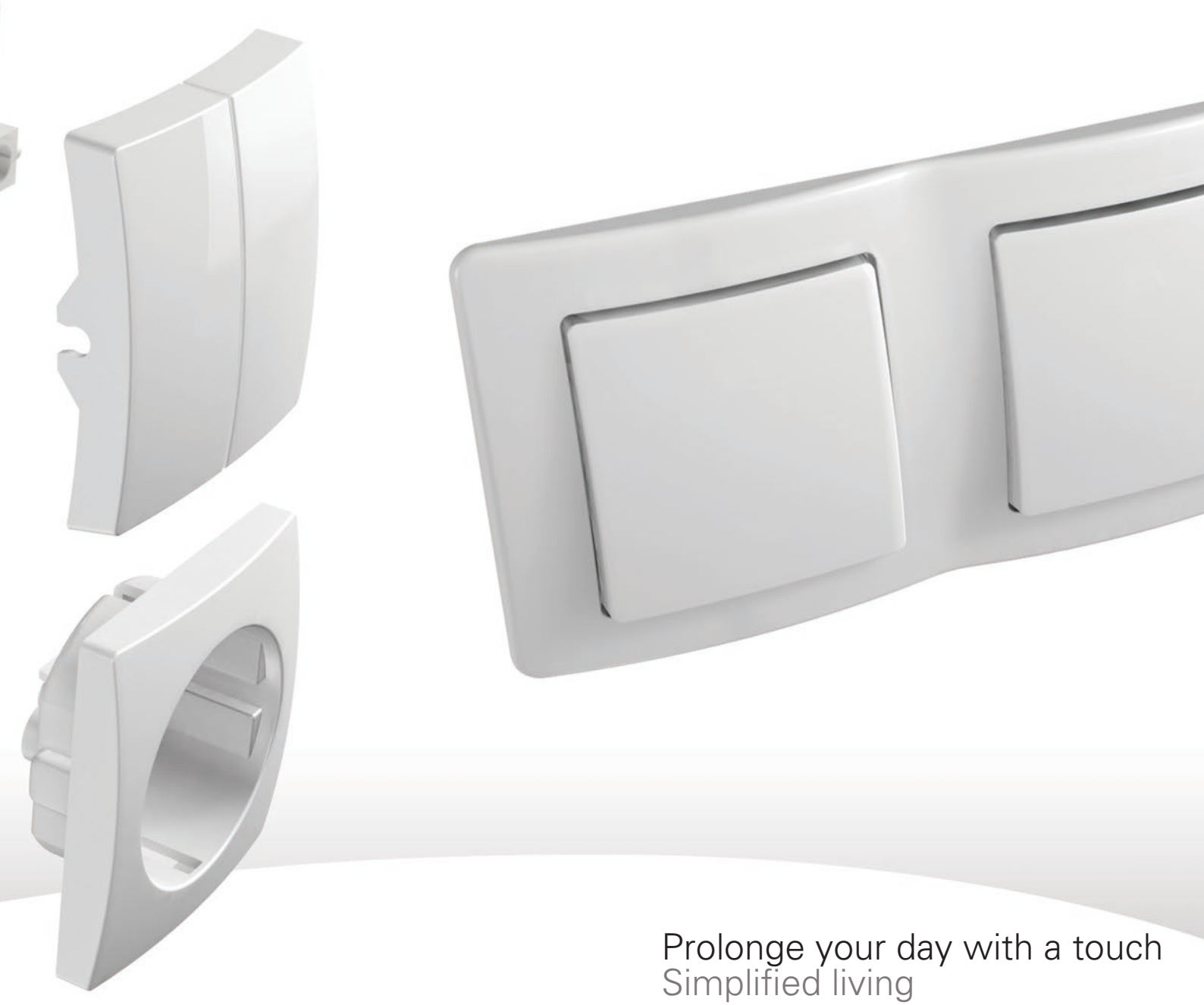
With combining you save space on the wall. When faced with a limited space, »vertically« is the right decision.

Kombinirajte kot sami želite.

Combine as you please.

Vidni elementi se enostavno demontirajo. Hvaležni vam bodo tudi pleskarski mojstri.

Visible elements can be easily taken apart. Painters will be grateful to you.



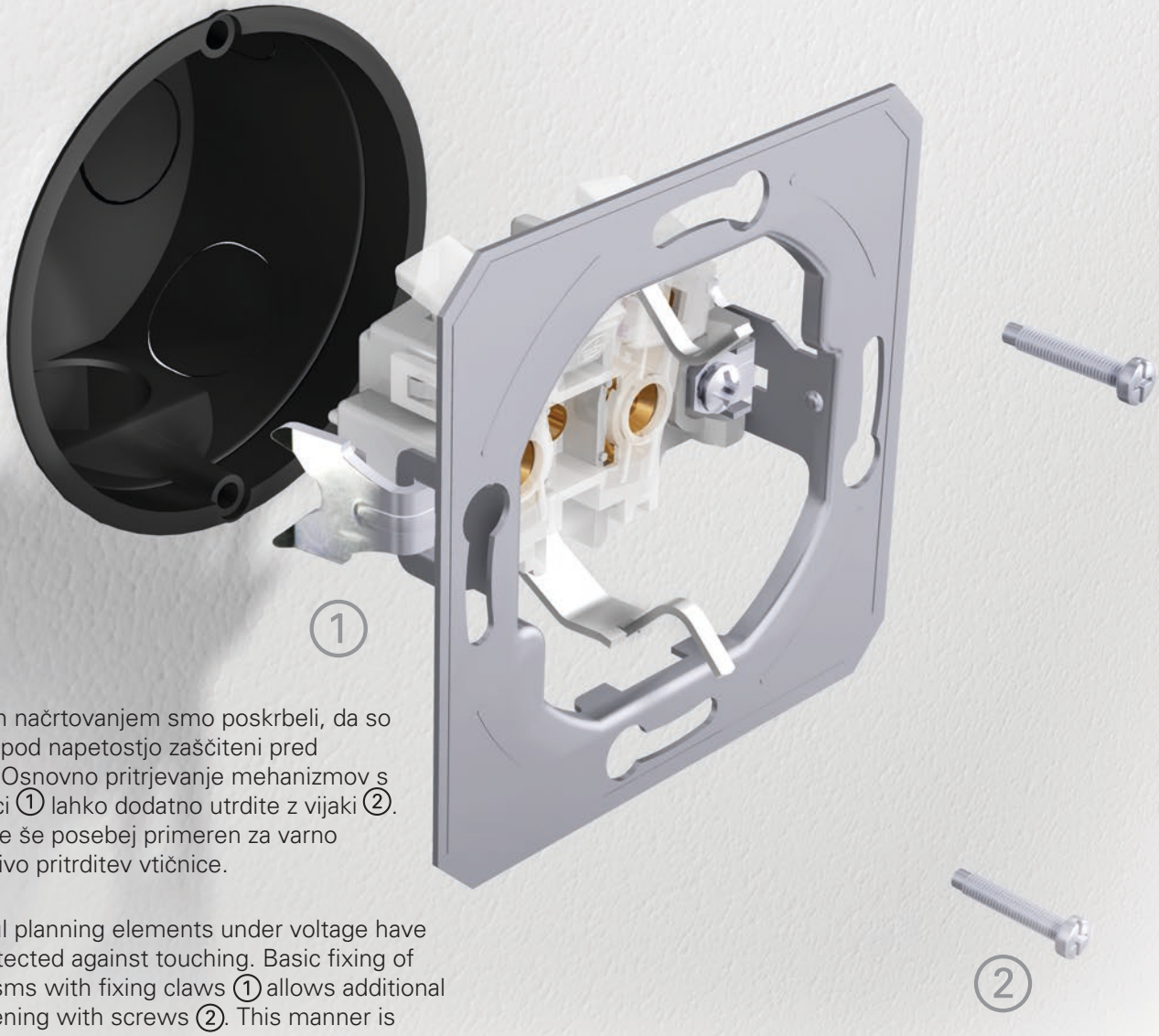
Prolonge your day with a touch
Simplified living

Z dotikom si podaljšamo dan
Poenostavljeno bivanje

Ekonomik je rešitev za sistem standardnih okroglih doz. Z njim lahko načrtujete tako enostavne kot tudi zahtevnejše inštalacije, novogradnje in adaptacije. Sistem odlikujejo brezvijačni kontakti, ki vam prihranijo čas pri vgradnji elementov.

Ekonomik is a solution for the system of standardized round installations boxes. It can be used for simple as well as more demanding installations, new buildings and adaptations. The system is characterised by plug-in contacts which save time during installation of elements.

Dobro počutje v varnem zavetju
Popolno zaupanje v dobro konstrukcijo



S skrbnim načrtovanjem smo poskrbeli, da so elementi pod napetostjo zaščiteni pred dotikom. Osnovno pritrjevanje mehanizmov s krempeljci ① lahko dodatno utrdite z vijaki ②. Ta način je še posebej primeren za varno in zanesljivo pritrditev vtičnice.

By careful planning elements under voltage have been protected against touching. Basic fixing of mechanisms with fixing claws ① allows additional strengthening with screws ②. This manner is especially appropriate for safe and reliable fixing of sockets.

SIMPLE FAST FLEX

Dobro premišljena konstrukcija stikala omogoča enostavno osvetlitev tudi naknadno.

A well-planned switch construction makes easy illumination possible also subsequently.

Brezvijačni kontakti omogočajo hitro in zanesljivo priključitev vodnikov. Na isti kontakt lahko pritrdite dva vodnika različnih premerov.

Plug-in contacts enable quick and reliable attachment of wires. Two wires of different diameters can be attached to the same contact.

Sestavljive doze vam bodo olajšale delo. Prave razdalje so vam zagotovljene.

Easy-fitting installation boxes will make your work easier. Proper lengths are guaranteed.

Stikala so preizkušena po mednarodnih standardnih, ki zagotavljajo varnost in dolgo življenjsko dobo.

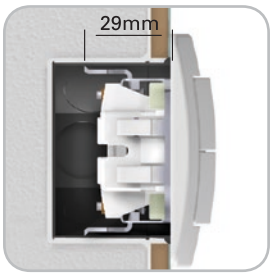
Switches were tested according to international standards which guarantee safety and long life span.

Za zanesljivost preklopa skrbijo kontakti iz srebrne zlitine (AgNi).

Contacts made of silver alloy (Ag-Ni) guarantee safe switching.

Feeling well in a safe shelter
Total confidence in a good construction

SAFE THRUST CERTIFIED



Krempeljci omogočajo globljo pritrditev (tudi preko keramičnih ploščic ipd.).

Fixing claws enable deeper fixing (also through ceramic tiles, etc.)

Vsa stikala imajo jasno identifikacijo z zadnje strani.

All switches have a clear identification in the back.

TEM

KATALOG /
CATALOGUE

ekonomik

STIKALA SE
SWITCHES SE 188

TIPKE TE
BUTTONS TE 192

INDIKACIJA IA
ILLUMINATION IA 193

VTIČNICE VE
SOCKETS VE 196

KOMUNIKACIJE KE
COMMUNICATIONS KE 199

POKROVI PE
COVERS PE 204

ELEKTRONIKA EE
ELECTRONICS EE 205

PRIBOR AE
ACCESSORIES AE 210

OKVIRJI OE
SURROUNDS OE 212

SE11 PW IN 50

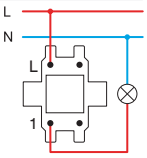
tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*	opcijski opis 1 *optional data 1*	opcijski opis 2 *optional data 2*
SE10	STIKALO ENOPOLNO *SWITCH 1WAY*	10AX 250V~	PW bela-sijaj *polar white*	NT nevtral *neutral*	50
SE11	TIPKALO ENOPOLNO *PUSH BUTTON 1WAY*	10A 250V~	IW bež-sijaj *ivory white*	IN indikator *indicator*	51
SE22	STIKALO DVOPOLNO *SWITCH 2POLE*	16AX 250V~	ES srebrna-mat *elox silver*		03
.	.	.	CO beli duroplast *white thermoset*		04
.	.	.	NB črna-sijaj *night black*		.
.	.	.			.

STIKALO ENOPOLNO 10AX 250V~

SE10

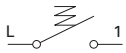
- 10AX 250V~, tip SE10
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 1WAY 10AX 250V~
- *10AX 250V~, type SE10*
- *in accordance with EN 60669-1*
- *plug-in contacts 1.5-2.5mm²*



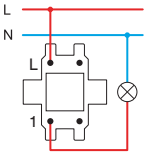
TIPKALO ENOPOLNO 10A 250V~

SE11



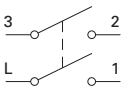
- 10A 250V~, tip SE11
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 1WAY 10A 250V~
- *10A 250V~, type SE11*
- *in accordance with EN 60669-1*
- *plug-in contacts 1.5-2.5mm²*



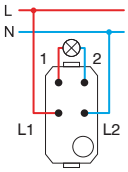
STIKALO DVOPOLNO 16AX 250V~

SE22



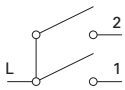
- 16AX 250V~, tip SE22
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²
- samo v kombinaciji s tipko TE10__NT03

SWITCH 2POLE 16AX 250V~
- *16AX 250V~, type SE22*
- *in accordance with EN 60669-1*
- *screw contacts 1.5-2.5mm²*
- *only in combination with button TE10__NT03*



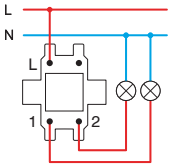
STIKALO SERIJSKO 10AX 250V~

SE50



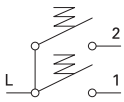
- 10AX 250V~, tip SE50
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2GANG-1WAY 10AX 250V~
- *10AX 250V~, type SE50*
- *in accordance with EN 60669-1*
- *plug-in contacts 1.5-2.5mm²*



TIPKALO SERIJSKO 10A 250V~

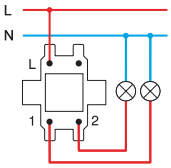
SE51



- 10A 250V~, tip SE51
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

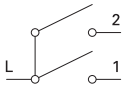
PUSH BUTTON 2GANG-1WAY 10A 250V~

- 10A 250V~, type SE51
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²



STIKALO ŽALUZIJSKO 10AX 250V~

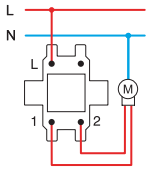
SE52



- 10AX 250V~, tip SE52
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²
- z mehansko blokado hkratnega vklopa

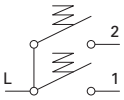
SWITCH SHUTTERS 10AX 250V~

- 10AX 250V~, type SE52
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²
- with mechanical interblock



TIPKALO ŽALUZIJSKO 10A 250V~

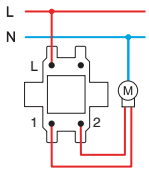
SE53



- 10A 250V~, tip SE53
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²
- z mehansko blokado hkratnega vklopa

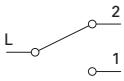
PUSH BUTTON SHUTTERS 10A 250V~

- 10A 250V~, type SE53
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²
- with mechanical interblock



STIKALO MENJALNO 10AX 250V~

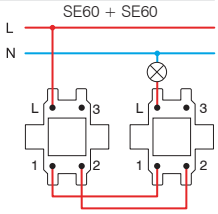
SE60



- 10AX 250V~, tip SE60
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

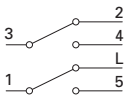
SWITCH 2WAY 10AX 250V~

- 10AX 250V~, type SE60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²



STIKALO DVOJNO MENJALNO 10AX 250V~

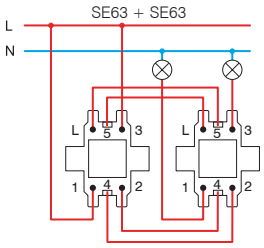
SE63



- 10AX 250V~, tip SE63
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

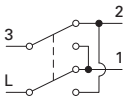
SWITCH DOUBLE 2WAY 10AX 250V~

- 10AX 250V~, type SE63
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²



STIKALO KRIŽNO 10AX 250V~

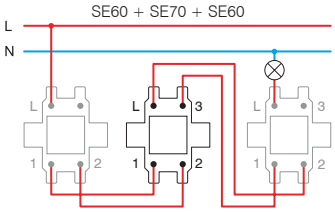
SE70



- 10AX 250V~, tip SE70
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH INTERMEDIATE 10AX 250V~

- 10AX 250V~, type SE70
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²



STIKALO ENOPOLNO 10AX 250V~

- SE10PW
- SE10IW
- SE10ES
- SE10CO
- SE10NB

- 10AX 250V~, tip SE10
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 1WAY 10AX 250V~
- 10AX 250V~, type SE10
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO ENOPOLNO 10AX 250V~ __ IN

- SE10PWIN
- SE10IWIN
- SE10ESIN
- SE10COIN
- SE10NBIN

- IN indikator
- 10AX 250V~, tip SE10
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 1WAY 10AX 250V~ __ IN
- IN indicator
- 10AX 250V~, type SE10
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

TIPKALO ENOPOLNO 10A 250V~

- SE11PW
- SE11IW
- SE11ES
- SE11CO
- SE11NB

- 10A 250V~, tip SE11
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 1WAY 10A 250V~
- 10A 250V~, type SE11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

TIPKALO ENOPOLNO 10A 250V~ __ TI 50

- SE11PWTI50
- SE11IWTI50
- SE11ESTI50
- SE11COTI50
- SE11NBTI50

- TI 50 indikator zvonec+tlivka
- 10A 250V~, tip SE11
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 1WAY 10A 250V~ __ TI 50
- TI 50 indicator bell+neon lamp
- 10A 250V~, type SE11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

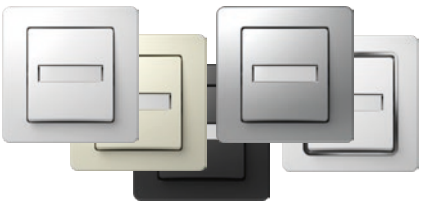
TIPKALO ENOPOLNO 10A 250V~ __ TI 51

- SE11PWTI51
- SE11IWTI51
- SE11ESTI51
- SE11COTI51
- SE11NBTI51

- TI 51 indikator luč+tlivka
- 10A 250V~, tip SE11
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 1WAY 10A 250V~ __ TI 51
- TI 51 indicator light+neon lamp
- 10A 250V~, type SE11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

TIPKALO ENOPOLNO 10A 250V~ __ IL



- SE11PWIL
- SE11IWIL
- SE11ESIL
- SE11COIL
- SE11NBIL

- IL napisna ploščica
- 10A 250V~, tip SE11
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 1WAY 10A 250V~ __ IL
- IL inscription plate
- 10A 250V~, type SE11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO DVOPOLNO 16AX 250V~ __ IN 03

- SE22PWIN03
- SE22IWIN03
- SE22ESIN03
- SE22NBIN03

- IN 03 nevtral 0-1
- 16AX 250V~, tip SE22
- ustreza EN 60669-1
- vijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2POLE 16AX 250V~ __ IN 03
- IN 03 neutral 0-1
- 16AX 250V~, type SE22
- in accordance with EN 60669-1
- screw contacts 1.5-2.5mm²

STIKALO SERIJSKO 10AX 250V~

- SE50PW
- SE50IW
- SE50ES
- SE50CO
- SE50NB

- 10AX 250V~, tip SE50
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2GANG-1WAY 10AX 250V~

- 10AX 250V~, type SE50
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

TIPKALO SERIJSKO 10A 250V~

- SE51PW
- SE51IW
- SE51ES
- SE51CO
- SE51NB

- 10A 250V~, tip SE51
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 2GANG-1WAY 10A 250V~

- 10A 250V~, type SE51
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO ŽALUZIJSKO 10AX 250V~ __ NT 09

- SE52PWNT09
- SE52IWNT09
- SE52ESNT09
- SE52CONT09
- SE52NBNT09

- NT 09 nevtral gor-dol
- 10AX 250V~, tip SE52
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²
- z mehansko blokado hkratnega vklopa

SWITCH SHUTTERS 10AX 250V~ __ NT 09

- NT 09 neutral up-down
- 10AX 250V~, type SE52
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²
- with mechanical interblock

TIPKALO ŽALUZIJSKO 10A 250V~ __NT 09

- SE53PWNT09
- SE53IWNT09
- SE53ESNT09
- SE53CONT09
- SE53NBNT09

- NT 09 nevtral gor-dol
- 10A 250V~, tip SE53
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²
- z mehansko blokado hkratnega vklopa

PUSH BUTTON SHUTTERS 10A 250V~ __ NT 09

- NT 09 neutral up-down
- 10A 250V~, type SE53
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²
- with mechanical interblock

STIKALO MENJALNO 10AX 250V~

- SE60PW
- SE60IW
- SE60ES
- SE60CO
- SE60NB

- 10AX 250V~, tip SE60
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2WAY 10AX 250V~

- 10AX 250V~, type SE60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO DVOJNO MENJALNO 10AX 250V~

- SE63PW
- SE63IW
- SE63ES
- SE63CO
- SE63NB

- 10AX 250V~, tip SE63
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH DOUBLE 2WAY 10AX 250V~

- 10AX 250V~, type SE63
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

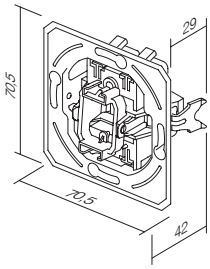
STIKALO KRIŽNO 10AX 250V~

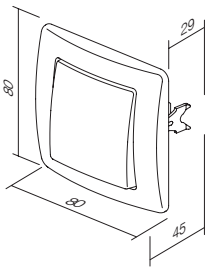
- SE70PW
- SE70IW
- SE70ES
- SE70CO
- SE70NB

- 10AX 250V~, tip SE70
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH INTERMEDIATE 10AX 250V~

- 10AX 250V~, type SE70
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²





TE11 PW NT 09

tip *type*	naziv *description*	barva *colour*	opcijski opis 1 *optional data 1*	opcijski opis 2 *optional data 2*
TE10	TIPKA NAVADNA *BUTTON 1GANG*	PW bela-sijaj *polar white*	NT nevtral *neutral*	50
TE11	TIPKA SERIJSKA *BUTTON 2GANG*	IW bež-sijaj *ivory white*	IN indikator *indicator*	51
.	.	ES srebrna-mat *elox silver*		03
.	.	CO beli duroplast *white thermoset*		04
.	.	NB črna-sijaj *night black*		.

TIPKA NAVADNA

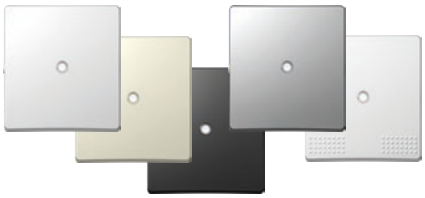
- TE10PW
- TE10IW
- TE10ES
- TE10CO
- TE10NB

- tipka skupaj z nosilcem

BUTTON 1GANG

- button together with carrier

TIPKA INDIKATOR



- TE10PWIN
- TE10IWIN
- TE10ESIN
- TE10COIN
- TE10NBIN

- tipka skupaj z nosilcem

BUTTON INDICATOR

- button together with carrier

TIPKA Z NAPISNO PLOŠČICO

- TE13PWIL
- TE13IWIL
- TE13ESIL
- TE13NBIL

- tipka skupaj z nosilcem, z napisno ploščico

BUTTON WITH INSCRIPTION PLATE

- button together with carrier, with inscription plate

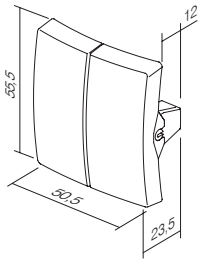
TIPKA SERIJSKA

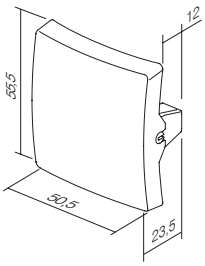
- TE11PW
- TE11IW
- TE11ES
- TE11CO
- TE11NB

- tipka serijska skupaj z nosilcem

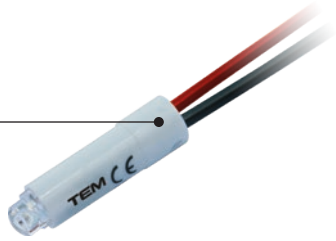
BUTTON 2GANG

- button 2gang together with carrier



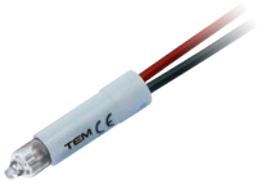


ekonomik



IA20 WH

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
IA10	TLIVKA *NEON LAMP*	230V~ 0,34W	WH bela *white*
IA20	SIJALKA LED *LED LAMP*	230V~ 0,40W	BL modra *blue*
IA21	SIJALKA LED *LED LAMP*	24V AC/DC 0,20W	RD rdeča *red*
. . .	. . .	. . .	GR zelena *green*
			OR oranžna *orange*



IA10OR

TLIVKA 230V~ 0,34W

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

NEON LAMP 230V~ 0,34W

- for indication, illumination or constant illumination of switch
- in combination with button with indicator

IA20WH
IA20GR
IA20RD
IA20BL

SIJALKA LED 230V AC/DC 0,40W

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

LED LAMP 230V AC/DC 0,40W

- for indication, illumination or constant illumination of switch
- in combination with button with indicator

IA21WH
IA21RD

SIJALKA LED 24V AC/DC 0,20W

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

LED LAMP 24V AC/DC 0,20W

- for indication, illumination or constant illumination of switch
- in combination with button with indicator

IA22WH
IA22RD

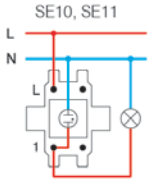
SIJALKA LED 12V AC/DC 0,10W

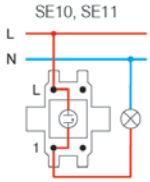
- za indikacijo, osvetlitev ali stalno osvetlitev stikala
- v kombinaciji s tipko z indikatorjem

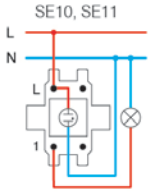
LED LAMP 12V AC/DC 0,10W

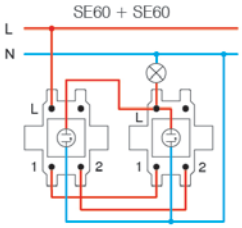
- for indication, illumination or constant illumination of switch
- in combination with button with indicator

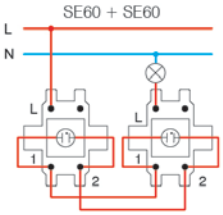
* Indikacija / *Indication*	Osvetlitev / *Illumination*	* Stalna osvetlitev / *Illumination always on*

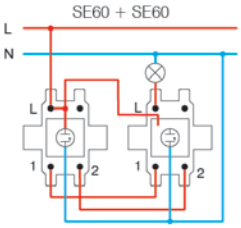


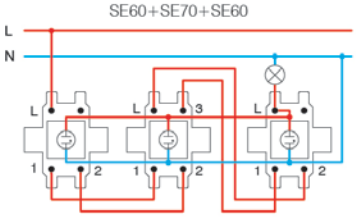


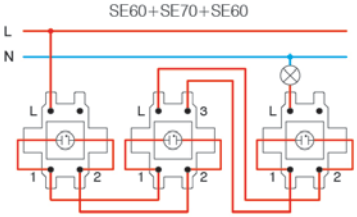


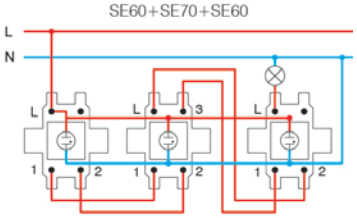


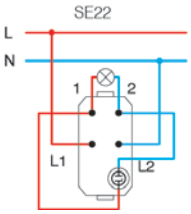


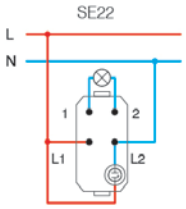




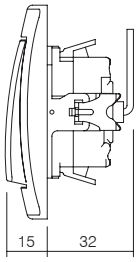








* vezave primerne za varčne (CFL, LED) sijalke /
wiring scheme for energy saving lamps (CFL, LED)



S O C K E T S V E

VE11 PT XO KS

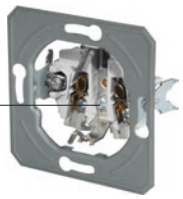
tip *type*	naziv *description*	tehnični opis *technical data*	opcijski opis 1 *optional data 1*	opcijski opis 2 *optional data 2*
VE10	VTIČNICA SCHUKO *SOCKET SCHUKO*	2P+E 16A 250V~	XO brez okvirja *without cover plate*	KS otroška zaščita *child protection*
VE11	VTIČNICA SCHUKO+POKROV *SOCKET SCHUKO+COVER*	2P+E 16A 250V~		
VE12	VTIČNICA SCHUKO *SOCKET SCHUKO*	2P+E 16A 250V~ BV	KS otroška zaščita *child protection*	
.	.	.		
.	.	.		
.	.	.		

barva
colour

PW	bela-sijaj *polar white*	PT	bela+prozorna *white+transparent*	PP	bela+bela *white+white*		
IW	bež-sijaj *ivory white*	IT	bež+prozorna *ivory+transparent*	II	bež+bež *ivory+ivory*		
ES	srebrna-mat *elox silver*	ST	srebrna+prozorna *silver+transparent*	SS	srebrna+srebrna *silver+silver*		
CO	beli duroplast *white thermoset*	CT	bela+prozorna *white+transparent*	BB	črna+črna *black+black*		
NB	črna-sijaj *night black*	BT	črna+prozorna *black+transparent*	RR	rdeča+rdeča *red+red*		
RD	rdeča *red*	RT	rdeča+prozorna *red+transparent*	GG	zelena+zelena *green+green*		
GR	zelena *green*	GT	zelena+prozorna *green+transparent*	OO	oranžna+oranžna *orange+orange*		
OR	oranžna *orange*	OT	oranžna+prozorna *orange+transparent*				

schuko - ustreza EN 60884-1, CEE7 (list III)

schuko - in accordace with EN 60884-1, CEE7 (standard sheet III)

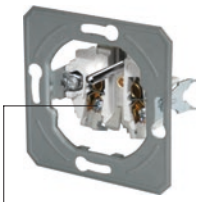


vijačna pritrditev vodnikov
screw contacts

BV brezvijačna pritrditev vodnikov
BV plug-in contacts

francoska - ustreza NF C 61-314 (list V)

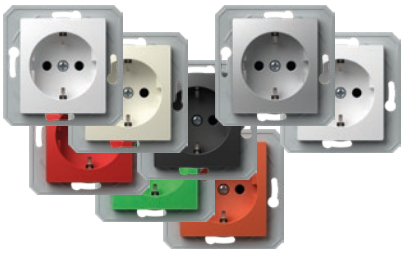
French - in accordace with NF C 61-314 (standard sheet V)



vijačna pritrditev vodnikov
screw contacts

BV brezvijačna pritrditev vodnikov
BV plug-in contacts

VTIČNICA SCHUKO 2P+E 16A 250V~ __ XO



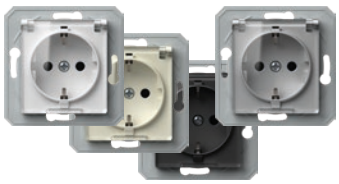
- VE10PWXO
- VE10IWXO
- VE10ESXO
- VE10COXO
- VE10NBXO
- VE10RDXO
- VE10GRXO
- VE10ORXO

- vijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E schuko
- 16A 250V~, tip VE10

SOCKET SCHUKO 2P+E 16A 250V~ __ XO

- screw contacts 1.5-2.5mm²
- XO without surround
- 2P+E schuko
- 16A 250V~, type VE10

VTIČNICA SCHUKO+POKROV 2P+E 16A 250V~ __ XO



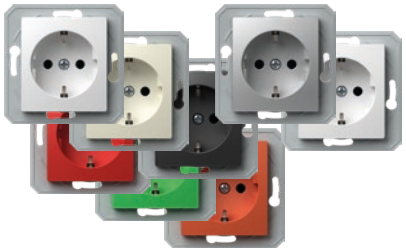
- VE11PTXO
- VE11ITXO
- VE11STXO
- VE11BTXO

- vijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E schuko+pokrov
- 16A 250V~, tip VE11

SOCKET SCHUKO+COVER 2P+E 16A 250V~ __ XO

- screw contacts 1.5-2.5mm²
- XO without surround
- 2P+E schuko+cover
- 16A 250V~, type VE11

VTIČNICA SCHUKO 2P+E 16A 250V~ BV __ XO



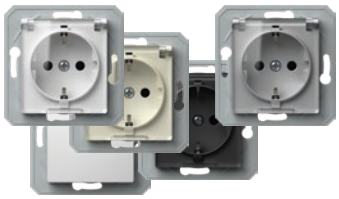
- VE12PWXO
- VE12IWXO
- VE12ESXO
- VE12COXO
- VE12NBXO
- VE12RDXO
- VE12GRXO
- VE12ORXO

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E schuko
- 16A 250V~, tip VE12

SOCKET SCHUKO 2P+E 16A 250V~ BV __ XO

- BV plug-in contacts 1.5-2.5mm²
- XO without surround
- 2P+E schuko
- 16A 250V~, type VE12

VTIČNICA SCHUKO+POKROV 2P+E 16A 250V~ BV __ XO



- VE13PTXO
- VE13ITXO
- VE13STXO
- VE13BTXO
- VE13PPXO

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E schuko+pokrov
- 16A 250V~, tip VE13

SOCKET SCHUKO+COVER 2P+E 16A 250V~ BV __ XO

- BV plug-in contacts 1.5-2.5mm²
- XO without surround
- 2P+E schuko+cover
- 16A 250V~, type VE13

VTIČNICA SCHUKO 2P+E 16A 250V~

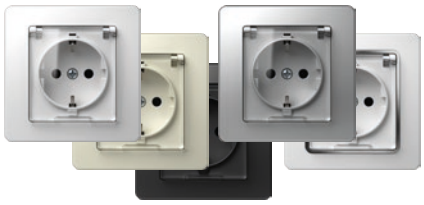
- VE10PW
- VE10IW
- VE10ES
- VE10CO
- VE10NB

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko
- 16A 250V~, tip VE10

SOCKET SCHUKO 2P+E 16A 250V~

- screw contacts 1.5-2.5mm²
- 2P+E schuko
- 16A 250V~, type VE10

VTIČNICA SCHUKO+POKROV 2P+E 16A 250V~



- VE11PT
- VE11IT
- VE11ST
- VE11CT
- VE11BT

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov
- 16A 250V~, tip VE11

SOCKET SCHUKO+COVER 2P+E 16A 250V~

- screw contacts 1.5-2.5mm²
- 2P+E schuko+cover
- 16A 250V~, type VE11

VTIČNICA SCHUKO 2P+E 16A 250V~ BV

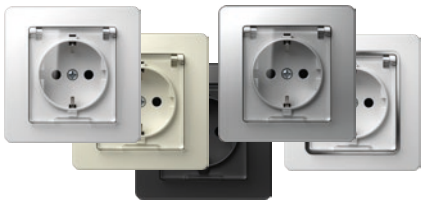
- VE12PW
- VE12IW
- VE12ES
- VE12CO
- VE12NB

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko
- 16A 250V~, tip VE12

SOCKET SCHUKO 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2P+E schuko
- 16A 250V~, type VE12

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



- VE13PT
- VE13IT
- VE13ST
- VE13CT
- VE13BT

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov
- 16A 250V~, tip VE13

SOCKET SCHUKO+COVER 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2P+E schuko+cover
- 16A 250V~, type VE13

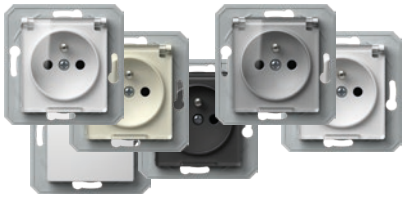
VTIČNICA FRANCOSKA 2P+E 16A 250V~ __ XO

VE40PWXO
VE40IWXO
VE40ESXO
VE40COXO
VE40NBXO
VE40RDXO
VE40GRXO
VE40ORXO

- vijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E francoska
- 16A 250V~, tip VE40

SOCKET FRENCH 2P+E 16A 250V~ __ XO
- screw contacts 1.5-2.5mm²
- XO without surround
- 2P+E French
- 16A 250V~, type VE40

VTIČNICA FRANCOSKA+POKROV 2P+E 16A 250V~ __ XO



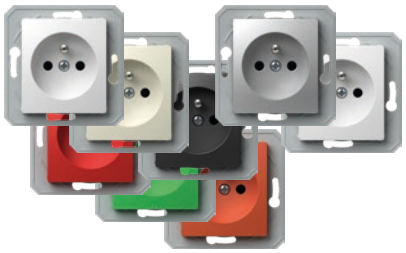
VE41PTXO
VE41ITXO
VE41STXO
VE41PTXO
VE41BTXO

VE41PPXO

- vijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E francoska+pokrov
- 16A 250V~, tip VE41

SOCKET FRENCH+COVER 2P+E 16A 250V~ __ XO
- screw contacts 1.5-2.5mm²
- XO without surround
- 2P+E French+cover
- 16A 250V~, type VE41

VTIČNICA FRANCOSKA 2P+E 16A 250V~ BV __ XO

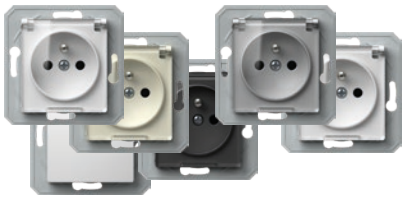


VE42PWXO
VE42IWXO
VE42ESXO
VE42COXO
VE42NBXO
VE42RDXO
VE42GRXO
VE42ORXO

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E francoska
- 16A 250V~, tip VE42

SOCKET FRENCH 2P+E 16A 250V~ BV __ XO
- BV plug-in contacts 1.5-2.5mm²
- XO without surround
- 2P+E French
- 16A 250V~, type VE42

VTIČNICA FRANCOSKA+POKROV 2P+E 16A 250V~ BV __ XO



VE43PTXO
VE43ITXO
VE43STXO
VE43PTXO
VE43BTXO

VE43PPXO

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- XO brez okvirja
- 2P+E francoska+pokrov
- 16A 250V~, tip VE43

SOCKET FRENCH+COVER 2P+E 16A 250V~ BV __ XO
- BV plug-in contacts 1.5-2.5mm²
- XO without surround
- 2P+E French+cover
- 16A 250V~, type VE43

VTIČNICA FRANCOSKA 2P+E 16A 250V~

VE40PW
VE40IW
VE40ES
VE40CO
VE40NB

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E francoska
- 16A 250V~, tip VE40

SOCKET FRENCH 2P+E 16A 250V~
- screw contacts 1.5-2.5mm²
- 2P+E French
- 16A 250V~, type VE40

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

VE41PT
VE41IT
VE41ST
VE41CT
VE41BT

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E francoska+pokrov
- 16A 250V~, tip VE41

SOCKET FRENCH+COVER 2P+E 16A 250V~
- screw contacts 1.5-2.5mm²
- 2P+E French+cover
- 16A 250V~, type VE41

VTIČNICA FRANCOSKA 2P+E 16A 250V~ BV

VE42PW
VE42IW
VE42ES
VE42CO
VE42NB

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E francoska
- 16A 250V~, tip VE42

SOCKET FRENCH 2P+E 16A 250V~ BV
- BV plug-in contacts 1.5-2.5mm²
- 2P+E French
- 16A 250V~, type VE42

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

VE43PT
VE43IT
VE43ST
VE43CT
VE43BT

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E francoska+pokrov
- 16A 250V~, tip VE43

SOCKET FRENCH+COVER 2P+E 16A 250V~ BV
- BV plug-in contacts 1.5-2.5mm²
- 2P+E French+cover
- 16A 250V~, type VE43

VTIČNICA SCHUKO DVOJNA 2P+E 16A 250V~

- VE16PWKS
- VE16IWKS
- VE16ESKS
- VE16NBKS

- 2P+E schuko dvojna
- 16A 250V~, tip VE16
- ustreza IEC 60884-1, CEE7
- vijačna pritrditev vodnikov 1.5-2.5 mm²
- KS vgrajena otroška zaščita pred dotikom kontaktov

SOCKET SCHUKO DOUBLE 2P+E 16A 250V~

- 2P+E schuko double
- 16A 250V~, type VE16
- in accordance with IEC 60884-1, CEE7
- screw contacts 1.5-2.5 mm²
- KS build-in child protection – shuttered live contacts

VTIČNICA FRANCOSKA DVOJNA 2P+E 16A 250V~

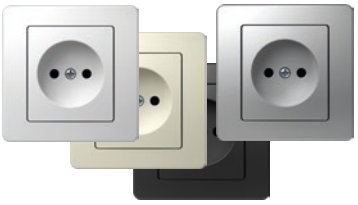
- VE46PWKS
- VE46IWKS
- VE46ESKS
- VE46NBKS

- 2P+E francoska dvojna
- 16A 250V~, tip VE46
- ustreza IEC 60884-1, CEE7; NF C 61-314, ČSN 33 2318; PN-E 93201
- vijačna pritrditev vodnikov 1,5-2,5 mm²
- KS vgrajena otroška zaščita pred dotikom kontaktov

SOCKET FRENCH DOUBLE 2P+E 16A 250V~

- 2P+E French double
- 16A 250V~, type VE46
- in accordance with IEC 60884-1, CEE7; NF C 61-314, ČSN 33 2318; PN-E 93201
- screw contacts 1,5-2,5 mm²
- KS build-in child protection – shuttered live contacts

VTIČNICA 2P 16A 250V~



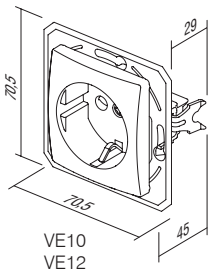
- VE30PW
- VE30IW
- VE30ES
- VE30NB

- 2P brez ozemljitvenega kontakta
- 16A 250V~
- ustreza EN 60884-1, CEE7 (list I)
- vijačna pritrditev vodnikov 1.5-2.5mm²

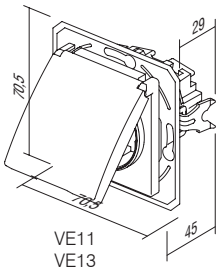
SOCKET 2P 16A 250V~

- 2P without earthing contact
- 16A 250V~
- in accordance with EN 60884-1, CEE7 (standard sheet I)
- screw contacts 1.5-2.5mm²

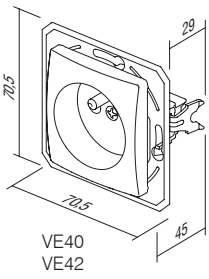
Ekonomik



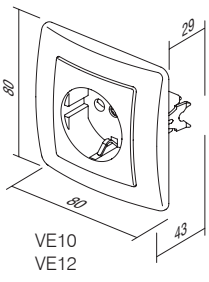
VE10
VE12



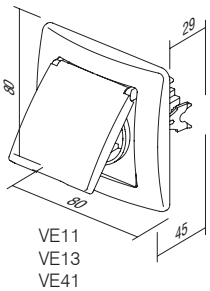
VE11
VE13
VE41
VE43



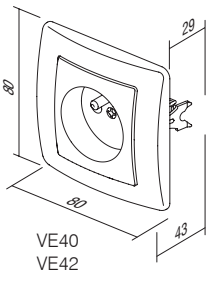
VE40
VE42



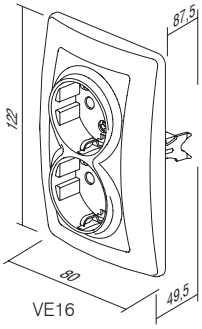
VE10
VE12



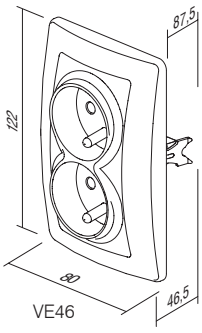
VE11
VE13
VE41
VE43



VE40
VE42



VE16



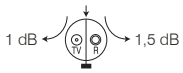
VE46

KE37 PW

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
KE11	VTIČNICA TV-R KONČNA *SOCKET TV-R END-LINE*	1dB	PW bela-sijaj *polar white*
KE12	VTIČNICA TV-R PREHODNA *SOCKET TV-R THROUGHPASS*	10dB	IW bež-sijaj *ivory white*
KE16	VTIČNICA SAT-TV-R KONČNA *SOCKET SAT-TV-R END-LINE*	3dB	ES srebrna-mat *elox silver*
.	.	.	CO beli duroplast *white thermoset*
.	.	.	NB črna-sijaj *night black*

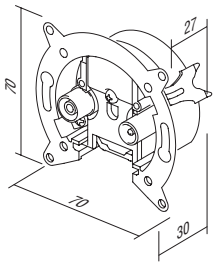
VTIČNICA TV-R KONČNA 1dB

KE11



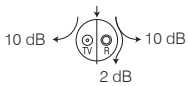
- TV-R končna
- frekvenčni pas 5÷862MHz
- dušenje: R-1.5dB, TV-1dB
- ustreza EN 50083-1
- vijačna priključitev

SOCKET TV-R END-LINE 1dB
- *TV-R end-line*
- *frequency range 5÷862MHz*
- *reduction: R-1.5dB, TV-1dB*
- *in accordace with EN 50083-1*
- *screw contacts*



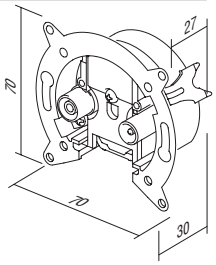
VTIČNICA TV-R PREHODNA 10dB

KE12



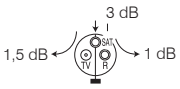
- TV-R prehodna vtičnica
- frekvenčni pas 5÷862MHz
- dušenje: R-10dB, TV-10dB, prehod-2dB
- ustreza EN 50083-1
- vijačna priključitev

SOCKET TV-R TROUGHPASS 10dB
- *TV-R troughpass*
- *frequency range 5÷862MHz*
- *reduction: R-10dB, TV-10dB, trough-2dB*
- *in accordace with EN 50083-1*
- *screw contacts*



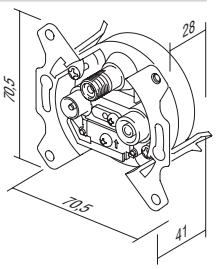
VTIČNICA SAT-TV-R KONČNA 3dB

KE16



- SAT-TV-R končna
- frekvenčni pas 5÷2400MHz
- dušenje: R-1dB, TV-1.5dB, SAT-3dB
- vgradnja v dozo Ø60 s krempeljci ali vijaki
- ustreza EN 50083-1
- vijačna pritrditev vodnikov

SOCKET SAT-TV-R END-LINE 3dB
- *SAT-TV-R end-line*
- *frequency range 5÷2400MHz*
- *reduction: R-1dB, TV-1.5dB, SAT-3dB*
- *for mounting in round box Ø60 with claws or screws*
- *in accordace with EN 50083-1*
- *screw contacts*

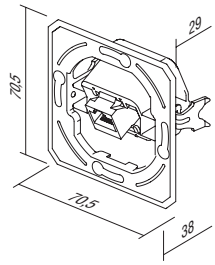


VTIČNICA TEL KS RJ11 6/4

KE36

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

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



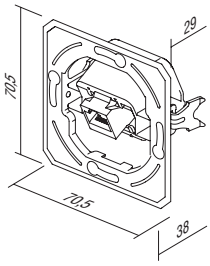
VTIČNICA CAT5e KS RJ45 8/8

KE37

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

SOCKET CAT5e KS RJ45 8/8

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



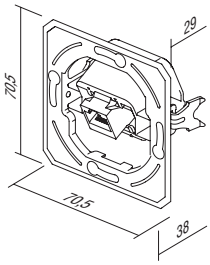
VTIČNICA CAT6 KS RJ45 8/8 SLIM

KE40

- KS keystone pritrditveni standard
- CAT6, RJ45 8/8
- ustreza IEC 60603-7

SOCKET CAT6 KS RJ45 8/8 SLIM

- KS keystone fixing standard
- CAT6, RJ45 8/8
- in accordance with IEC 60603-7



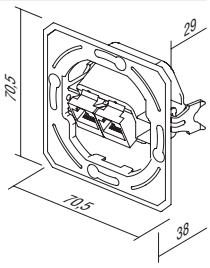
VTIČNICA TEL KS DVOJNA 2x RJ11 6/4

KE38

- KS keystone pritrditveni standard
- 2x RJ11 6/4
- ustreza IEC 60603-7

SOCKET TEL KS DOUBLE 2x RJ11 6/4

- KS keystone fixing standard
- 2x RJ11 6/4
- in accordance with IEC 60603-7



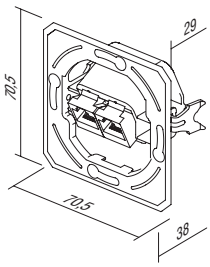
VTIČNICA CAT5e KS DVOJNA 2x RJ45 8/8

KE39

- KS keystone pritrditveni standard
- 2x CAT5e, RJ45 8/8
- ustreza IEC 60603-7

SOCKET CAT5e KS DOUBLE 2x RJ45 8/8

- KS keystone fixing standard
- 2x CAT5e, RJ45 8/8
- in accordance with IEC 60603-7



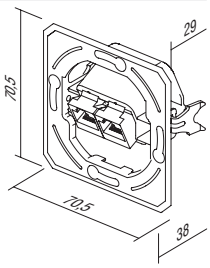
VTIČNICA CAT6 KS DVOJNA 2x RJ45 8/8 SLIM

KE41

- KS keystone pritrditveni standard
- 2x CAT6, RJ45 8/8
- ustreza IEC 60603-7

SOCKET CAT6 KS DOUBLE 2x RJ45 8/8 SLIM

- KS keystone fixing standard
- 2x CAT6, RJ45 8/8
- in accordance with IEC 60603-7



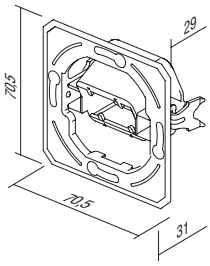
ADAPTER KS ENOJNI

KE45

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

ADAPTER KS SINGLE

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



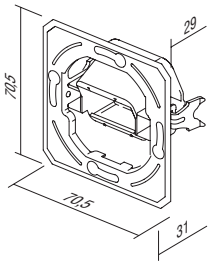
ADAPTER KS DVOJNI

KE46

- KS keystone pritrditveni standard - dvojni
- AMP, Tyco, ...
- komunikacijski modul ni vgrajen

ADAPTER KS DOUBLE

- KS keystone fixing standard - double
- AMP, Tyco, ...
- communication module not included



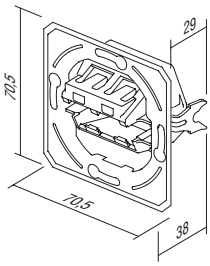
ADAPTER PD DVOJNI

KE47

- PD Panduit MiniCOM pritrditveni standard - dvojni
- komunikacijski modul ni vgrajen

ADAPTER PD DOUBLE

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



* Konektorji na strani 89 /
connectors on page 89

VTIČNICA TV OSNOVNA 0dB

- KE10PW
- KE10IW
- KE10ES
- KE10CO
- KE10NB

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

SOCKET TV BASIC 0dB

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

VTIČNICA TV-R KONČNA 2dB

- KE11PW
- KE11IW
- KE11ES
- KE11CO
- KE11NB

- TV-R končna
- frekvenčni pas 5÷862 MHz
- dušenje: R-7.5dB, TV-2dB
- ustreza EN 50083-1
- vijačna priključitev

SOCKET TV-R END-LINE 2dB

- TV-R end-line
- frequency range 5÷862 MHz
- reduction: R-7.5dB, TV-2dB
- in accordance with EN 50083-1
- screw contact

VTIČNICA TV-R PREHODNA 8,5dB

- KE12PW
- KE12IW
- KE12ES
- KE12CO
- KE12NB

- TV-R prehodna
- frekvenčni pas 5÷862 MHz
- dušenje: R-12.5dB, TV-8.5dB, prehod-2dB
- ustreza EN 50083-1
- vijačna priključitev

SOCKET TV-R TROUGHPASS 8,5dB

- TV-R troughpass
- frequency range 5÷862 MHz
- reduction: R-12.5dB, TV-8.5dB, trough-2dB
- in accordance with EN 50083-1
- screw contacts

VTIČNICA SAT-TV-R KONČNA 3dB

- KE16PW
- KE16IW
- KE16ES
- KE16CO
- KE16NB

- SAT-TV-R končna
- frekvenčni pas 5÷2400 MHz
- dušenje: R-1dB, TV-1.5dB, SAT-3dB
- ustreza EN 50083-1
- vijačna priključitev

SOCKET SAT-TV-R END-LINE 3dB

- SAT-TV-R end-line
- frequency range 5÷2400 MHz
- reduction: R-1dB, TV-1.5dB, SAT-3dB
- in accordance with EN 50083-1
- screw contacts

VTIČNICA AVDIO 2xRCA

- KE22PW
- KE22IW
- KE22ES
- KE22CO
- KE22NB

- avdio 2xRCA
- pritrditev vodnikov s spajkanjem

SOCKET AUDIO 2xRCA

- audio 2xRCA
- soldering connection of cable

VTIČNICA AVDIO ZVOČNIŠKA

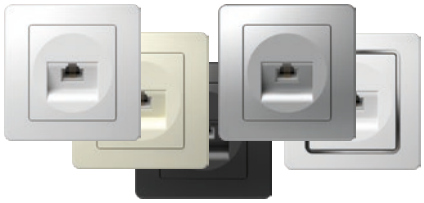
- KE23PW
- KE23IW
- KE23ES
- KE23CO
- KE23NB

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

SOCKET AUDIO LOUDSPEAKERS

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

VTIČNICA TEL KS RJ11 6/4



- KE36PW
- KE36IW
- KE36ES
- KE36CO
- KE36NB

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

SOCKET TEL KS RJ11 6/4

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

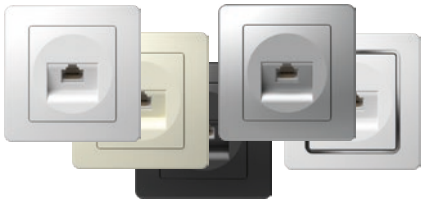
VTIČNICA CAT5e KS RJ45 8/8

- ☐ KE37PW
- ☐ KE37IW
- ☐ KE37ES
- ☐ KE37CO
- ■ KE37NB

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

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

VTIČNICA CAT6 KS RJ45 8/8 SLIM



- ☐ KE40PW
- ☐ KE40IW
- ☐ KE40ES
- ☐ KE40CO
- ■ KE40NB

- KS keystone pritrditveni standard
- CAT6, RJ45 8/8
- ustreza IEC 60603-7

SOCKET CAT6 KS RJ45 8/8 SLIM
- KS keystone fixing standard
- CAT6, RJ45 8/8
- in accordance with IEC 60603-7

VTIČNICA TEL KS DVOJNA 2x RJ11 6/4

- ☐ KE38PW
- ☐ KE38IW
- ☐ KE38ES
- ☐ KE38CO
- ■ KE38NB

- KS keystone pritrditveni standard
- 2x RJ11, 6/4
- ustreza IEC 60603-7

SOCKET TEL KS DOUBLE 2x RJ11 6/4
- KS keystone fixing standard
- 2x RJ11, 6/4
- in accordance with IEC 60603-7

VTIČNICA CAT5e KS DVOJNA 2x RJ45 8/8

- ☐ KE39PW
- ☐ KE39IW
- ☐ KE39ES
- ☐ KE39CO
- ■ KE39NB

- KS keystone pritrditveni standard
- 2x CAT5e, RJ45 8/8
- ustreza IEC 60603-7

SOCKET CAT5e KS DOUBLE 2x RJ45 8/8
- KS keystone fixing standard
- 2x CAT5e, RJ45 8/8
- in accordance with IEC 60603-7

VTIČNICA CAT6 KS DVOJNA 2x RJ45 8/8 SLIM

- ☐ KE41PW
- ☐ KE41IW
- ☐ KE41ES
- ☐ KE41CO
- ■ KE41NB

- KS keystone pritrditveni standard
- 2x CAT6, RJ45 8/8
- ustreza IEC 60603-7

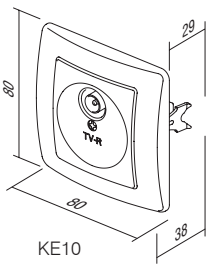
SOCKET CAT6 KS DOUBLE 2x RJ45 8/8 SLIM
- KS keystone fixing standard
- 2x CAT6, RJ45 8/8
- in accordance with IEC 60603-7

VTIČNICA TEL LT RJ11 6/4

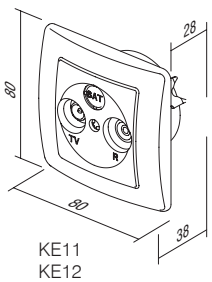
- ☐ KE35PW
- ☐ KE35IW
- ☐ KE35ES
- ☐ KE35CO
- ■ KE35NB

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

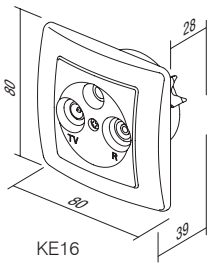
SOCKET TEL LT RJ11 6/4
- TEL LT screw
- screw contacts
- RJ11 6/4
- in accordance with IEC 60603-7



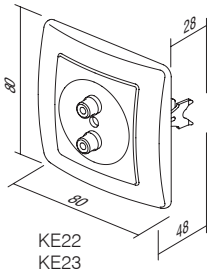
KE10



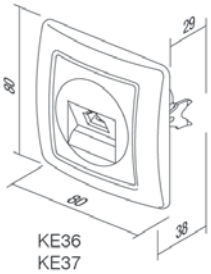
KE11
KE12



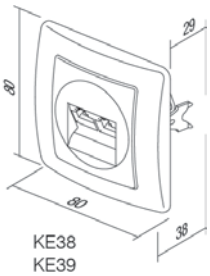
KE16



KE22
KE23

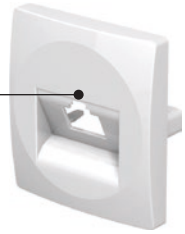


KE36
KE37
KE35
KE40



KE38
KE39
KE41

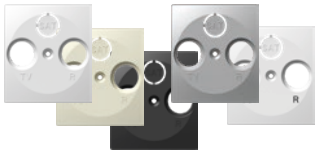
Ekonomik



PE20 PW

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
PE10	POKROV TV-R *COVER TV-R*	2P/3P	PW bela-sijaj *polar white*
PE20	POKROV KS ENOJNI *COVER KS SINGLE*		IW bež-sijaj *ivory white*
PE21	POKROV KS DVOJNI *COVER KS DOUBLE*		ES srebrna-mat *elox silver*
.	.	.	CO beli duroplast *white thermoset*
.	.	.	NB črna-sijaj *night black*
.	.	.	

POKROV TV-R 2P/3P



PE10PW
PE10IW
PE10ES
PE10CO
PE10NB

- TV-R pokrov, 2P ali 3P z vijakom

COVER TV-R 2P/3P

- TV-R cover, 2P or 3P with screw

POKROV KS ENOJNI

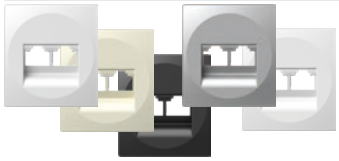
PE20PW
PE20IW
PE20ES
PE20CO
PE20NB

- KS pokrov enojni

COVER KS SINGLE

- KS cover single

POKROV KS DVOJNI



PE21PW
PE21IW
PE21ES
PE21NB

- KS pokrov dvojni

COVER KS DOUBLE

- KS cover double

POKROV TAE/TDO

PE30PW
PE30IW
PE30ES
PE30NB

- TAE ali TDO pokrov z vijakom

COVER TAE/TDO

- TAE or TDO cover with screw

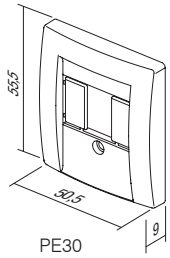
POKROV IR STIKALO

PE32PW
PE32IW
PE32ES
PE32NB

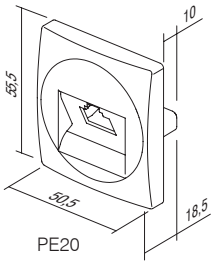
- pokrov IR stikalo

COVER IR SWITCH

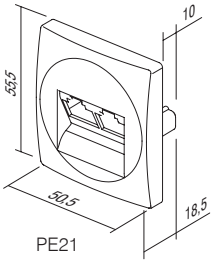
- cover IR switch



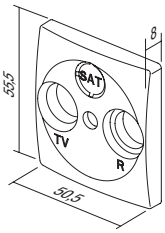
PE30



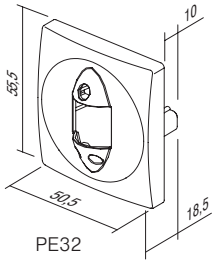
PE20



PE21



PE10



PE32

ekonomik

EE15 PW

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
EE15	ZATEMNILNIK ROTACIJSKI MEN *DIMMER ROTATIVE 2WAY*	RL 400W	PW bela-sijaj *polar white*
EE16	ZATEMNILNIK ROTACIJSKI MEN *DIMMER ROTATIVE 2WAY*	RLC 400W	IW bež-sijaj *ivory white*
EE19	ZATEMNILNIK ROTACIJSKI MEN *DIMMER ROTATIVE 2WAY*	LED 100W	ES srebrna-mat *elox silver*
. . .	. . .	. . .	CO beli duroplast *white thermoset*
			NB črna-sijaj *night black*

ZATEMNILNIK ROTACIJSKI MEN RL 400W

EE15

- rotacijski z menjalnim stikalom
- breme RL, 40W - 400W
- možna vezava z menjalnim stikalom
- vezava večih zatemnilnikov ni dovoljena
- ustreza EN 60669-1 in EN 60669-2-1
- brezvijačna pritrditev vodnikov 1.5mm^2
- napajanje 230V~ 50Hz
- premer nastavka gumba Ø6mm
- zamenljiva varovalka vključena

DIMMER ROTATIVE 2WAY RL 400W

- rotation control with 2-way switch
- load RL, 40W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm^2
- supply 230V~ 50Hz
- button inner diameter Ø6mm
- replaceable fuse included

ZATEMNILNIK ROTACIJSKI MEN RLC 400W

EE16

- rotacijski z menjalnim stikalom
- breme RLC, 20W - 400W
- možna vezava z menjalnim stikalom
- vezava večih zatemnilnikov ni dovoljena
- ustreza EN 60669-1 in EN 60669-2-1
- brezvijačna pritrditev vodnikov 1.5mm^2
- napajanje 230V~ 50Hz
- premer nastavka gumba Ø6mm
- elektronska varovalka

DIMMER ROTATIVE 2WAY RLC 400W

- rotation control with 2-way switch
- load RLC, 20W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm^2
- supply 230V~ 50Hz
- button inner diameter Ø6mm
- electronic fuse

ZATEMNILNIK ROTACIJSKI MEN LED 100W

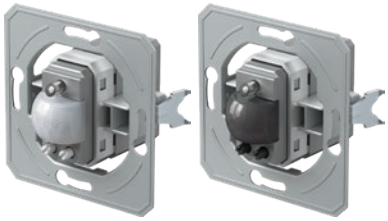
EE19

- rotacijski z menjalnim stikalom
- breme: LED, 0-100W (max. 10 LED sijalk)
  GLS, 10-250W
- možna vezava z menjalnim stikalom
- vezava več zatemnilnikov ni dovoljena
- ustreza EN 60669-1 in EN 60669-2-1
- brezvijačna pritrditev vodnikov 1,5 mm^2
- napajanje 230V~ 50 Hz
- zamenljiva varovalka vključena
- premer nastavka gumba Ø6mm

DIMMER ROTATIVE 2WAY LED 100W

- rotation control with 2-way switch
- load: LED, 0-100W (max. 10 LEDs)
GLS, 10-250W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm^2
- supply 230V~ 50Hz
- replaceable fuse included
- button inner diameter Ø6mm

IR STIKALO 5A 250V~



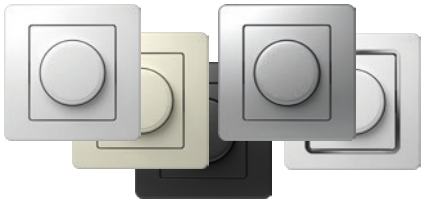
☐ EE32A1
■ EE32A2

- IR infrardeče stikalo
- napajanje: 230V~ ±10 % 50Hz
- rele: 5A / 250V~ izhod za omejen tok z visokim uporom za zero crossing
- stopnja varnosti: IP40
- presek žic pri stičniku: 0,75 - 2,5 mm^2
- 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
- samo za notranjo uporabo

IR SWITCH 5A 250V~

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

ZATEMNILNIK ROTACIJSKI MEN RL 400W



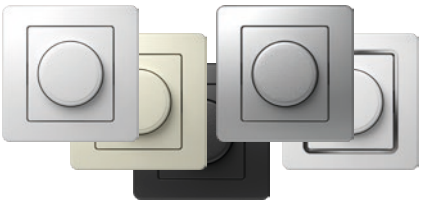
☐ EE15PW
■ EE15IW
■ EE15ES
☐ EE15CO
■ EE15NB

- rotacijski z menjalnim stikalom
- breme RL, 40W - 400W
- možna vezava z menjalnim stikalom
- vezava večih zatemnilnikov ni dovoljena
- ustreza EN 60669-1 in EN 60669-2-1
- brezvijačna pritrditev vodnikov 1.5mm^2
- napajanje 230V~ 50Hz
- zamenljiva varovalka vključena

DIMMER ROTATIVE 2WAY RL 400W

- rotation control with 2-way switch
- load RL, 40W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm^2
- supply 230V~ 50Hz
- replaceable fuse included

ZATEMNILNIK ROTACIJSKI MEN RLC 400W



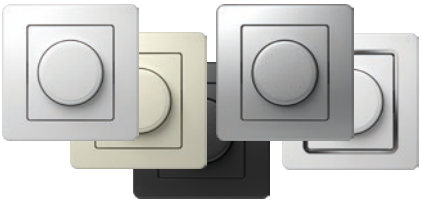
- EE16PW
- EE16IW
- EE16ES
- EE16CO
- EE16NB

- rotacijski z menjalnim stikalom
- breme RLC, 20W - 400W
- možna vezava z menjalnim stikalom
- vezava večih zatemnilnikov ni dovoljena
- ustreza EN 60669-1 in EN 60669-2-1
- brezvijačna pritrditev vodnikov 1.5mm²
- napajanje 230V~ 50Hz
- elektronska varovalka

DIMMER ROTATIVE 2WAY RLC 400W

- rotation control with 2-way switch
- load RLC, 20W - 400W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm²
- supply 230V~ 50Hz
- electronic fuse

ZATEMNILNIK ROTACIJSKI MEN LED 100W



- EE19PW
- EE19IW
- EE19ES
- EE19CO
- EE19NB

- rotacijski z menjalnim stikalom
- breme: LED, 0-100W (max. 10 LED sijalk)
  GLS, 10-250W
- možna vezava z menjalnim stikalom
- vezava več zatemnilnikov ni dovoljena
- ustreza EN 60669-1 in EN 60669-2-1
- brezvijačna pritrditev vodnikov 1,5 mm²
- napajanje 230V~ 50 Hz
- zamenljiva varovalka vključena

DIMMER ROTATIVE 2WAY LED 100W

- rotation control with 2-way switch
- load: LED, 0-100W (max. 10 LEDs)
GLS, 10-250W
- 2-way switch combination is possible
- more dimmers combination is not allowed
- in accordance with EN 60669-1 and EN 60669-2-1
- plug-in contacts 1.5mm²
- supply 230V~ 50Hz
- replaceable fuse included

IR STIKALO 5A 230V~

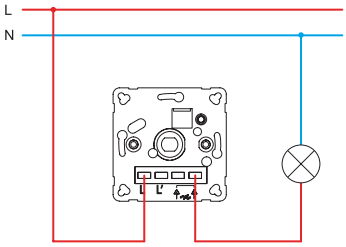
- EE32PW
- EE32IW
- EE32ES
- EE32CO
- EE32NB

- IR infrardeče stikalo
- napajanje: 230V~ ±10 % 50Hz
- rele: 5A / 250V~ izhod za omejen tok z visokim uporom za 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
- samo za notranjo uporabo

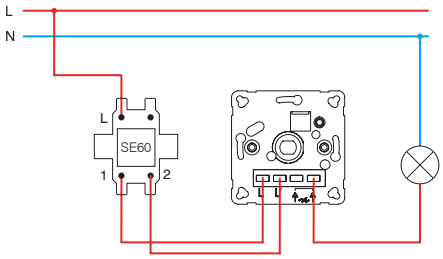
IR SWITCH 5A 230V~

- IR infrared switch
- supply voltage: 230V~ ±10 % 50Hz
- relay: 5A / 250V~ output for limited current with high resistance for zero crossing
- protection rating: IP40
- cross-section of wires at the contact terminal: 0.75 - 2.5 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
- only for indoor usage

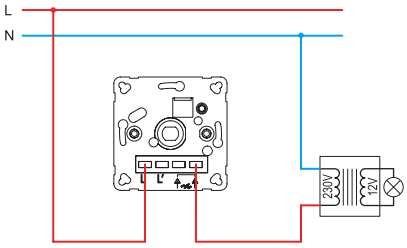
EE15, EE16, EE19



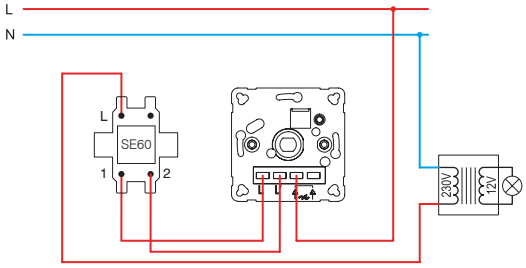
EE15, EE16, EE19



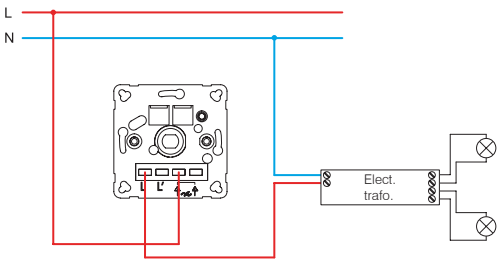
EE15, EE16, EE19



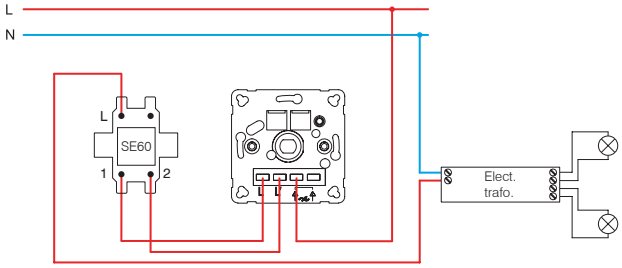
EE15, EE16, EE19



EE16, EE19

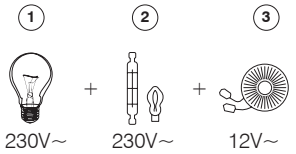


EE16, EE19

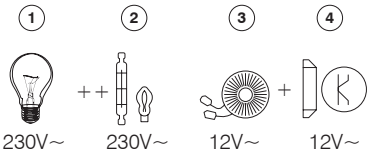


Ekonomik

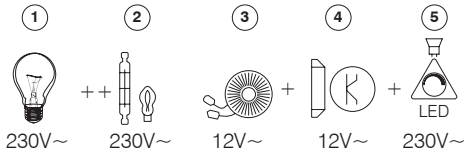
EE15 (40÷400W)



EE16 (20÷400W)



EE19 (GLS 10÷250W ; LED 0÷100W)



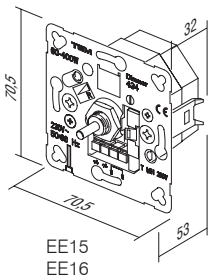
1 - žarnica z žarilno nitko / *incandescent lamp*

2 - halogenska žarnica / *halogen lamp*

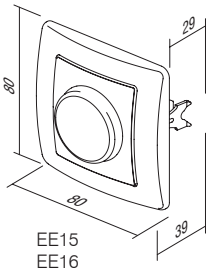
3 - klasični transformator / *classical transformer*

4 - elektronski transformator / *electronic transformer*

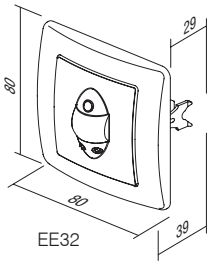
5 - zatemnilna LED sijalka / *dimmable LED lamp*



EE15
EE16
EE19



EE15
EE16
EE19



EE32

P O K R O V E L E K T R O N I K E P E

PE41 PW

tip *type*	naziv *description*	barva *colour*
PE41	POKROV ZATEMNILNO STIKALO *COVER DIMMER*	PW bela-sijaj *polar white* IW bež-sijaj *ivory white* ES srebrna-mat *elox silver* CO beli duroplast *white thermoset* NB črna-sijaj *night black*

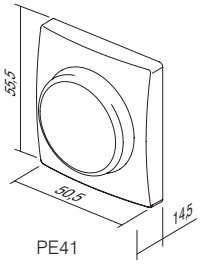
POKROV ZATEMNILNO STIKALO Ø6

PE41PW
PE41IW
PE41ES
PE41CO
PE41NB

- pokrov zatemnilno stikalo Ø6mm
- za EE15, EE16, EE19

COVER DIMMER Ø6

- cover dimmer Ø6mm
- for EE15, EE16, EE19



PE41

AE10 PW

tip *type*	naziv *description*	barva *colour*
AE10	POLNILO *BLANK*	PW bela-sijaj *polar white*
AE20	PRIKLJUČEK PETPOLNI STALNI 3P+N+E 5X4mm² *CONNECTION BOX 3P+N+E 5X4mm²*	IW bež-sijaj *ivory white*
AE30	OHIŠJE NO 1 *SURFACE MOUNT BOX*	ES srebrna-mat *elox silver*
. . .	. . .	CO beli duroplast *white thermoset*
		NB črna-sijaj *night black*

POLNILO

AE10PW
AE10IW
AE10ES
AE10CO
AE10NB

- za pokrivanje praznih odprtin

BLANK
- for filling up empty spaces

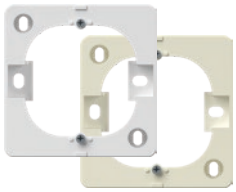
PRIKLJUČEK PETPOLNI STALNI 3P+N+E 5x4mm²

AE20PW
AE20IW

- 3P+N+E stalni priključek
- 16A 400V~
- ustreza VDE 0601-1:2000
- vijačna pritrditev vodnikov 1.5-4mm²

CONNECTION BOX 5POLE 3P+N+E 5x4mm²
- 3P+N+E connection box
- 16A 400V~
- in accordance with VDE 0606-1:2000
- screw contacts 1.5-4mm²

OHIŠJE NO 1

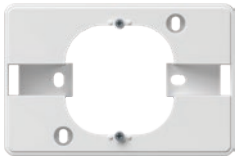


AE30PW
AE30IW

- nadometno ohišje

SURFACE MOUNT BOX 1
- surface mounting box

NADOMETNO OHIŠJE ZA DVOJNO VTIČNICO EKONOMIK



AE31PW

- nadometno ohišje

SURFACE MOUNT BOX FOR EKONOMIK DOUBLE SOCKET
- surface mounting box

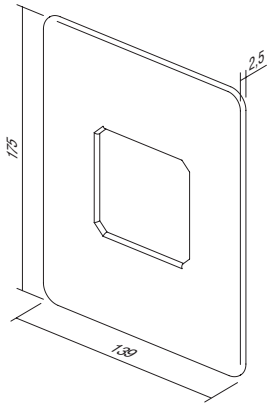
STENSKI ŠČITNIK

☐ AE50PW
☐ AE50TS

- ščitnik stene okoli stikala ali vtičnice

WALL PROTECTION

- protects surface around socket or switch



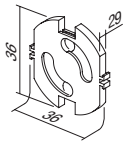
OTROŠKA ZAŠČITA KS

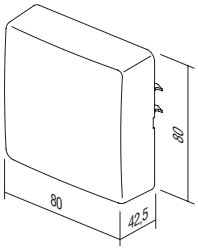
☐ AE51PW
☐ AE51IW

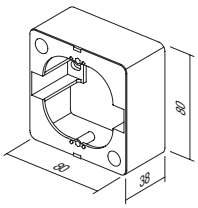
- KS otroška zaščita pred dotikom kontaktov

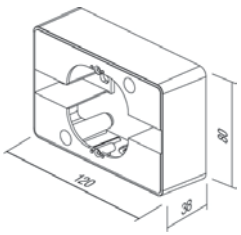
CHILD PROTECTION KS

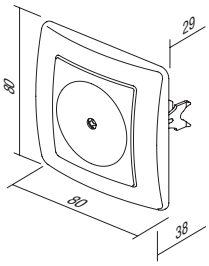
- KS additional child protection insert - shuttered live contacts

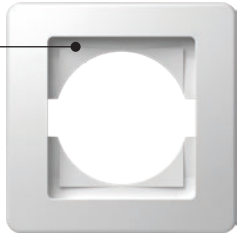












OE10 PW

tip *type*	naziv *description*	barva *colour*
OE10	OKVIR EKONOMIK 1 *SURROUND EKONOMIK 1*	PW bela-sijaj *polar white*
OE20	OKVIR EKONOMIK 2 HORIZONTALNI *SURROUND EKONOMIK 2 HORIZONTAL*	IW bež-sijaj *ivory white*
OE30	OKVIR EKONOMIK 3 HORIZONTALNI *SURROUND EKONOMIK 3 HORIZONTAL*	ES srebrna-mat *elox silver*
. . .	. . .	CO beli duroplast *white thermoset*
		NB črna-sijaj *night black*

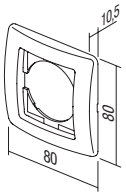
OKVIR EKONOMIK 1

OE10PW
OE10IW
OE10ES
OE10CO
OE10NB

- dekorativni enojni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 1

- decorative surround 1-gang
- in accordance with EN 60669-1



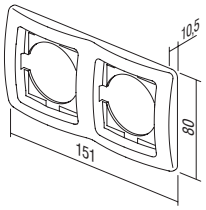
OKVIR EKONOMIK 2 HORIZONTALNI

OE20PW
OE20IW
OE20ES
OE20CO
OE20NB

- dekorativni dvojni horizontalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 2 HORIZONTAL

- decorative surround 2-gang horizontal
- in accordance with EN 60669-1



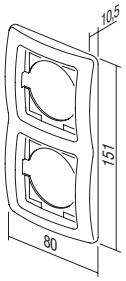
OKVIR EKONOMIK 2 VERTIKALNI

OE21PW
OE21IW
OE21ES
OE21CO
OE21NB

- dekorativni dvojni vertikalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 2 VERTICAL

- decorative surround 2-gang vertical
- in accordance with EN 60669-1



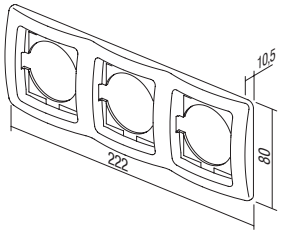
OKVIR EKONOMIK 3 HORIZONTALNI

OE30PW
OE30IW
OE30ES
OE30CO
OE30NB

- dekorativni trojni horizontalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 3 HORIZONTAL

- decorative surround 3-gang horizontal
- in accordance with EN 60669-1



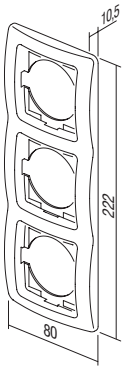
OKVIR EKONOMIK 3 VERTIKALNI

- OE31PW
- OE31IW
- OE31ES
- OE31CO
- OE31NB

- dekorativni trojni vertikalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 3 VERTICAL

- decorative surround 3-gang vertical
- in accordance with EN 60669-1



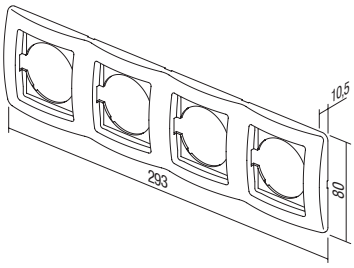
OKVIR EKONOMIK 4 HORIZONTALNI

- OE40PW
- OE40IW
- OE40ES
- OE40NB

- dekorativni četvorni horizontalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 4 HORIZONTAL

- decorative surround 4-gang horizontal
- in accordance with EN 60669-1



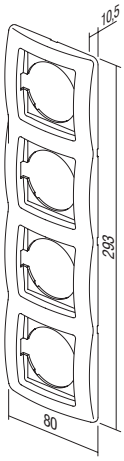
OKVIR EKONOMIK 4 VERTIKALNI

- OE41PW
- OE41IW
- OE41ES
- OE41NB

- dekorativni četvorni vertikalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 4 VERTICAL

- decorative surround 4-gang vertical
- in accordance with EN 60669-1



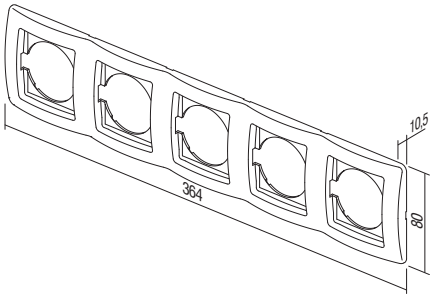
OKVIR EKONOMIK 5 HORIZONTALNI

- OE50PW
- OE50IW
- OE50ES
- OE50NB

- dekorativni 5-mestni horizontalni okvir
- ustreza EN 60669-1

SURROUND EKONOMIK 5 HORIZONTAL

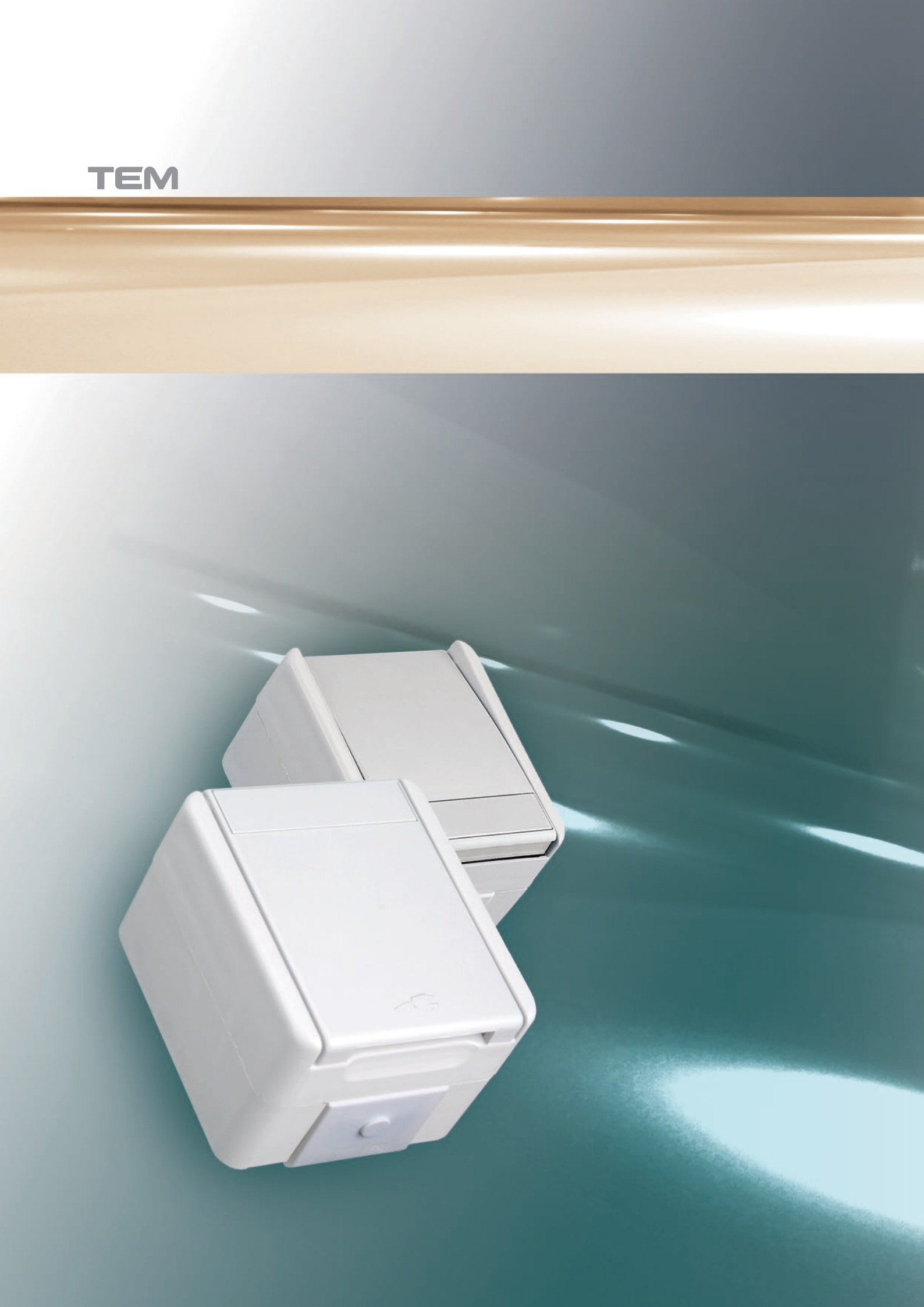
- decorative surround 5-gang horizontal
- in accordance with EN 60669-1



DEKORATIVNI OKVIRČKI COLOR
COLOR DECORATIVE FRAMES

OE90GR	ZELENA / *GREEN*	OE90YL	RUMENA / *YELLOW*	OE90MB	MET. MODRA / *MET. BLUE*
OE90BL	MODRA / *BLUE*	OE90WH	BELA / *WHITE*	OE90BZ	BRON / *BRONZE*
OE90VO	VIJOLA / *VIOLET*	OE90GY	SIVA / *GREY*	OE90CR	SREBRNA / *SILVER*
OE90PI	ROZA / *PINK*	OE90BK	ČRNA / *BLACK*	OE90GO	ZLATA / *GOLD*
OE90RD	RDEČA / *RED*				

TEM



KATALOG / *CATALOGUE*

fontana

STIKALA SF
SWITCHES SF 218

VTIČNICE VF
SOCKETS VF 220

SETI CF
SETS CF 221

PRIBOR AF
ACCESSORIES AF 223

SF10 PW TI

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*	opcijski opis 1 *optional data 1*
SF10	STIKALO ENOPOLNO *SWITCH 1WAY*	IP44 10AX 250V~	☐ PW bela-mat *white-mat*	TI tlivka+indikator *neon lamp+indication*
SF11	TIPKALO ENOPOLNO *PUSH BUTTON 1WAY*	IP44 10A 250V~	■ GY siva-mat *grey-mat*	
SF20	STIKALO DVOPOLNO *SWITCH 2POLE*	IP44 10AX 250V~		
. . .	. . .	. . .		

STIKALO ENOPOLNO IP44 10AX 250V~

☐ SF10PW
■ SF10GY

- 10AX 250V~, tip SF10
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 1WAY IP44 10AX 250V~
- 10AX 250V~, type SF10
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO ENOPOLNO IP44 10AX 250V~ __ TI

☐ SF10PWTI
■ SF10GYTI

- TI indikator+tlivka
- 10AX 250V~, tip SF10
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 1WAY IP44 10AX 250V~ __ TI
- TI indicator+neon lamp
- 10AX 250V~, type SF10
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

TIPKALO ENOPOLNO IP44 10A 250V~ __ TI

☐ SF11PWTI
■ SF11GYTI

- TI indikator+tlivka
- 10A 250V~, tip SF11
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 1WAY IP44 10A 250V~ __ TI
- TI indicator+neon lamp
- 10A 250V~, type SF11
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO DVOPOLNO IP44 10AX 250V~

☐ SF20PW
■ SF20GY

- 10AX 250V~, tip SF20
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2POLE IP44 10AX 250V~
- 10AX 250V~, type SF20
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO SERIJSKO IP44 10AX 250V~

☐ SF50PW
■ SF50GY

- 10AX 250V~, tip SF50
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2GANG-1WAY IP44 10AX 250V~

- 10AX 250V~, type SF50
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

TIPKALO SERIJSKO IP44 10A 250V~

☐ SF51PW
■ SF51GY

- 10A 250V~, tip SF51
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

PUSH BUTTON 2GANG-1WAY IP44 10A 250V~

- 10A 250V~, type SF51
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO MENJALNO IP44 10AX 250V~

☐ SF60PW
■ SF60GY

- 10AX 250V~, tip SF60
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2WAY IP44 10AX 250V~

- 10AX 250V~, type SF60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO MENJALNO IP44 10AX 250V~ __ TI

☐ SF60PWTI
■ SF60GYTI

- TI indikator+tlivka
- 10AX 250V~, tip SF60
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2WAY IP44 10AX 250V~ __ TI

- TI indicator+neon lamp
- 10AX 250V~, type SF60
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

STIKALO DVOJNO MENJALNO IP44 10AX 250V~

☐ SF63PW
■ SF63GY

- 10AX 250V~, tip SF63
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH 2WAY DOUBLE IP44 10AX 250V~

- 10AX 250V~, type SF63
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²

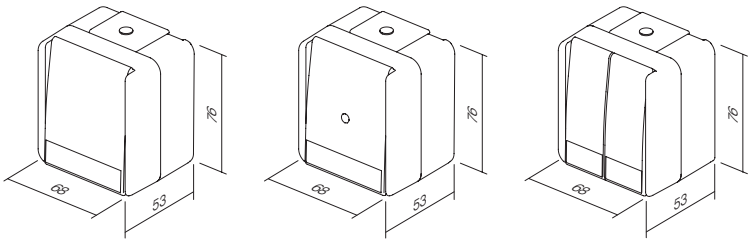
STIKALO KRIŽNO IP44 10AX 250V~

☐ SF70PW
■ SF70GY

- 10AX 250V~, tip SF70
- ustreza EN 60669-1
- brezvijačna pritrditev vodnikov 1.5-2.5mm²

SWITCH INTERMEDIATE IP44 10AX 250V~

- 10AX 250V~, type SF70
- in accordance with EN 60669-1
- plug-in contacts 1.5-2.5mm²



VF10 PW

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
VF10	VTIČNICA SCHUKO+POKROV *SOCKET SCHUKO+COVER*	IP44 2P+E 16A 250V~	☐ PW bela-mat *white-mat* ■ GY siva-mat *grey-mat*

VTIČNICA SCHUKO+POKROV IP44 2P+E 16A 250V~

☐ VF10PW
■ VF10GY

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov
- 16A 250V~, tip VF10
- ustreza EN 60884-1, CEE7

SOCKET SCHUKO+COVER IP44 2P+E 16A 250V~

- screw contacts 1.5-2.5mm²
- 2P+E schuko+cover
- 16A 250V~, type VF10
- in accordance with EN 60884-1, CEE7

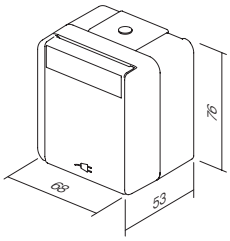
VTIČNICA SCHUKO+POKROV IP44 2P+E 16A 250V~ BV

☐ VF12PW
■ VF12GY

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov
- 16A 250V~, tip VF12
- ustreza EN 60884-1, CEE7

SOCKET SCHUKO+COVER IP44 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2P+E schuko+cover
- 16A 250V~, type VF12
- in accordance with EN 60884-1, CEE7



SF10
SF60

S E T S C F

CF11 PW

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*	
CF10	SET VTIČNICA SCHUKO DVOJNA HORIZ *SOCKET SET SCHUKO DOUBLE HORIZ*	2x 2P+E 16A 250V~ IP44	☐ PW	bela-mat *white-mat*
CF11	SET VTIČNICA SCHUKO DVOJNA VERT *SOCKET SET SCHUKO DOUBLE VERT*	2x 2P+E 16A 250V~ IP44	■ GY	siva-mat *grey-mat*
CF12	SET VTIČNICA SCH + STIKALO MEN HORIZ *SOCKET SCH+SWITCH 2WAY HORIZ*	16A + 10A 250V~ IP44		
. . .	. . .	. . .		

SET VTIČNICA SCHUKO DVOJNI HORIZONTALNI IP44 2x 2P+E 16A 250V~

☐ CF10PW
■ CF10GY

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2x 2P+E schuko+pokrov horizontalni
- 16A 250V~, tip CF10
- ustreza EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE HORIZONTAL IP44 2x 2P+E 16A 250V~

- screw contacts 1.5-2.5mm²
- 2x 2P+E schuko+cover horizontal
- 16A 250V~, type CF10
- in accordance with EN 60884-1, CEE7

SET VTIČNICA SCHUKO DVOJNI VERTIKALNI IP44 2x 2P+E 16A 250V~

☐ CF11PW
■ CF11GY

- vijačna pritrditev vodnikov 1.5-2.5mm²
- 2x 2P+E schuko+pokrov vertikalni
- 16A 250V~, tip CF11
- ustreza EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE VERTICAL IP44 2x 2P+E 16A 250V~

- screw contacts 1.5-2.5mm²
- 2x 2P+E schuko+cover vertical
- 16A 250V~, type CF11
- in accordance with EN 60884-1, CEE7

SET VTIČNICA SCH + STIKALO MEN HORIZINTALNI IP44 16A + 10AX 250V~

☐ CF12PW
■ CF12GY

- vijačna (vtičnica), brezvijačna (stikalo) pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov + stikalo menjalno horizontalni
- 16A + 10AX 250V~, tip CF12
- ustreza EN 60884-1, CEE7, EN 60669-1

SOCKET SCH+SWITCH SET 2WAY HORIZONTAL IP44 16A + 10AX 250V~

- screw (socket), plug-in (switch) contacts 1.5-2.5mm²
- 2P+E schuko+cover + switch 2-way horizontal
- 16A + 10AX 250V~, type CF12
- in accordance with EN 60884-1, CEE7, EN 60669-1

SET VTIČNICA SCH + STIKALO MEN VERTIKALNI IP44 16A + 10AX 250V~

☐ CF13PW
■ CF13GY

- vijačna (vtičnica), brezvijačna (stikalo) pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov + stikalo menjalno vertikalni
- 16A + 10AX 250V~, tip CF13
- ustreza EN 60884-1, CEE7, EN 60669-1

SOCKET SCH+SWITCH 2WAY SET VERTICAL IP44 16A + 10AX 250V~

- screw (socket), plug-in (switch) contacts 1.5-2.5mm²
- 2P+E schuko+cover + switch 2-way vertical
- 16A + 10AX 250V~, type CF13
- in accordance with EN 60884-1, CEE7, EN 60669-1

SET VTIČNICA SCHUKO DVOJNI HORIZONTALNI IP44 2x 2P+E 16A 250V~BV

☐ CF14PW
■ CF14GY

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2x 2P+E schuko+pokrov horizontalna
- 16A 250V~, tip CF14
- ustreza EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE HORIZONTAL IP44 2x 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2x 2P+E schuko+cover horizontal
- 16A 250V~, type CF14
- in accordance with EN 60884-1, CEE7

SET VTIČNICA SCHUKO DVOJNI VERTIKALNI IP44 2x 2P+E 16A 250V~ BV

☐ CF15PW
■ CF15GY

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2x 2P+E schuko+pokrov vertikalna
- 16A 250V~, tip CF15
- ustreza EN 60884-1, CEE7

SOCKET SET SCHUKO DOUBLE VERTICAL IP44 2x 2P+E 16A 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2x 2P+E schuko+cover vertical
- 16A 250V~, type CF15
- in accordance with EN 60884-1, CEE7

SET VTIČNICA SCH + STIKALO MEN HORIZINTALNI IP44 16A + 10AX 250V~ BV

☐ CF16PW
■ CF16GY

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov + stikalo menjalno horizontalni
- 16A + 10AX 250V~, tip CF16
- ustreza EN 60884-1, CEE7, EN 60669-1

SOCKET+SWITCH SET SCH+2WAY HORIZONTAL IP44 16A + 10AX 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2P+E schuko+cover + switch 2-way horizontal
- 16A + 10AX 250V~, type CF16
- in accordance with EN 60884-1, CEE7, EN 60669-1

SET VTIČNICA SCH+STIKALO MEN VERTIKALNI IP44 16A + 10AX 250V~ BV

☐ CF17PW
■ CF17GY

- BV brezvijačna pritrditev vodnikov 1.5-2.5mm²
- 2P+E schuko+pokrov + stikalo menjalno vertikalni
- 16A + 10AX 250V~, tip CF17
- ustreza EN 60884-1, CEE7, EN 60669-1

SOCKET SCH+SWITCH 2WAY SET VERTICAL IP44 16A + 10AX 250V~ BV

- BV plug-in contacts 1.5-2.5mm²
- 2P+E schuko+cover + switch 2-way vertical
- 16A + 10AX 250V~, type CF17
- in accordance with EN 60884-1, CEE7, EN 60669-1

P R I B O R A F
A C C E S S O R I E S

AF10 PW

tip *type*	naziv *description*	tehnični opis *technical data*	barva *colour*
AF10	RAZVODNICA *DISTRIBUTION BOX*	IP44 RN01	☐ PW bela-mat *white-mat*
AF20	RAZVODNICA *DISTRIBUTION BOX*	IP55 NDO1	■ GY siva-mat *grey-mat*

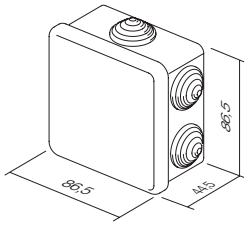
RAZVODNICA IP44 RN01

☐ AF10PW
■ AF10GY

- nadometna razvodnica IP44
- 16A 400V~
- ustreza IEC/EN 60670-1, IEC/EN 60670-22

DISTRIBUTION BOX IP44 RN01

- surface mounting distribution box IP44
- 16A 400V~
- in accordance with IEC/EN 60670-1, IEC/EN 60670-22



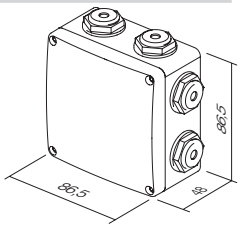
RAZVODNICA IP55 ND01

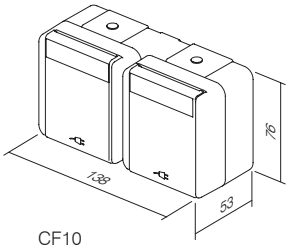
☐ AF20PW
■ AF20GY

- nadometna razvodnica IP55
- uvodnice priložene
- ustreza IEC/EN 60670-1, IEC/EN 60670-22

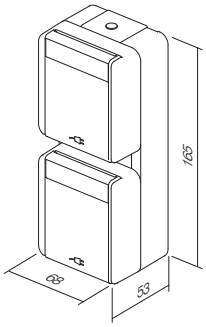
DISTRIBUTION BOX IP55 ND01

- surface mounting connection box IP55
- glands included
- in accordance with IEC/EN 60670-1, IEC/EN 60670-22

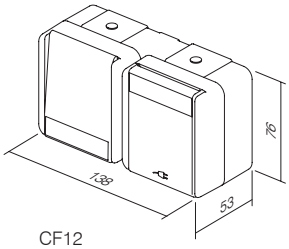




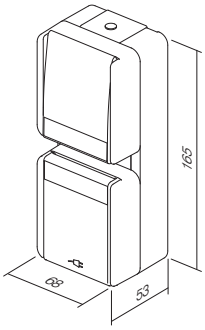
CF10
CF14



CF11
CF15



CF12
CF16



CF13
CF17

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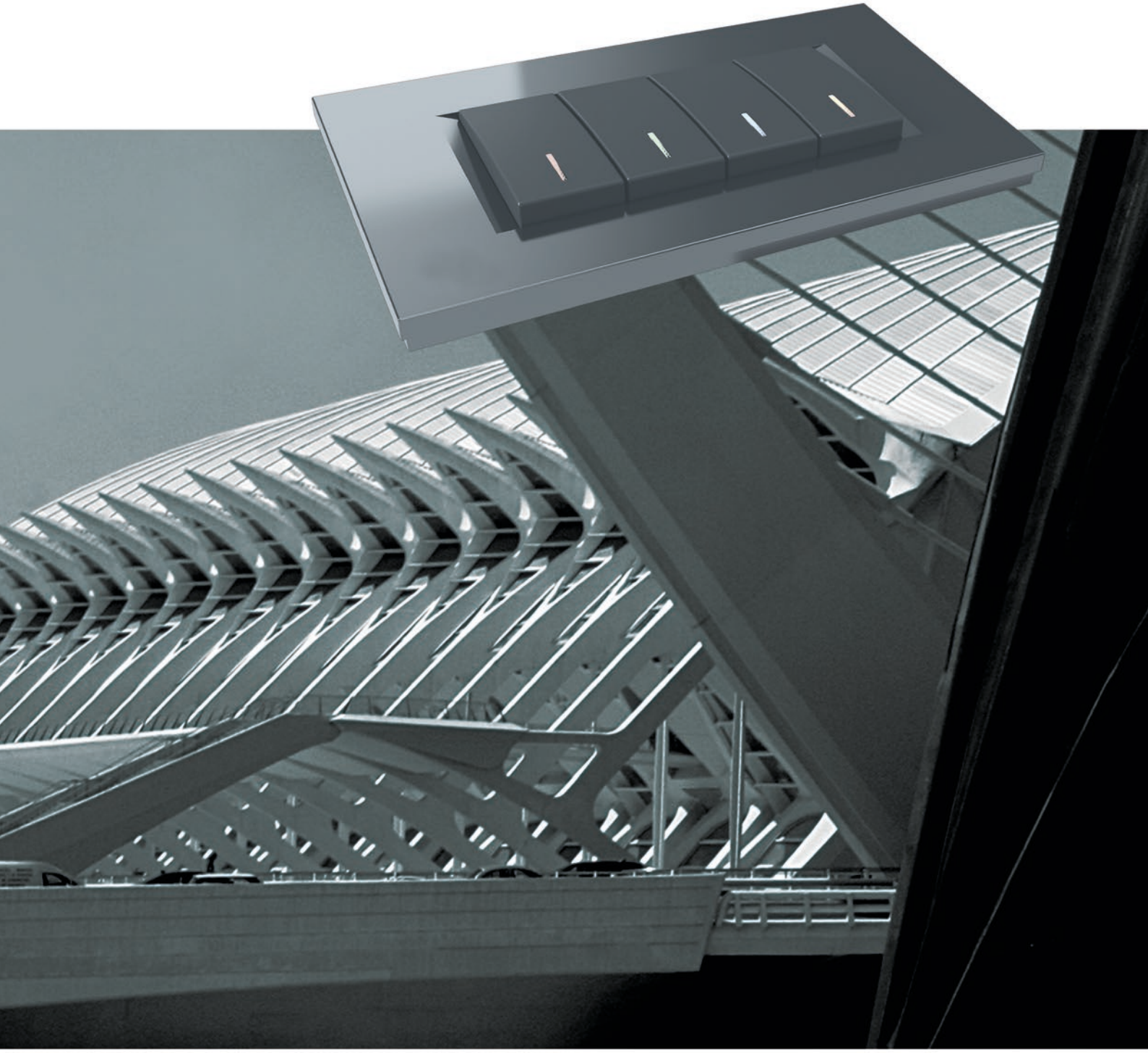

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