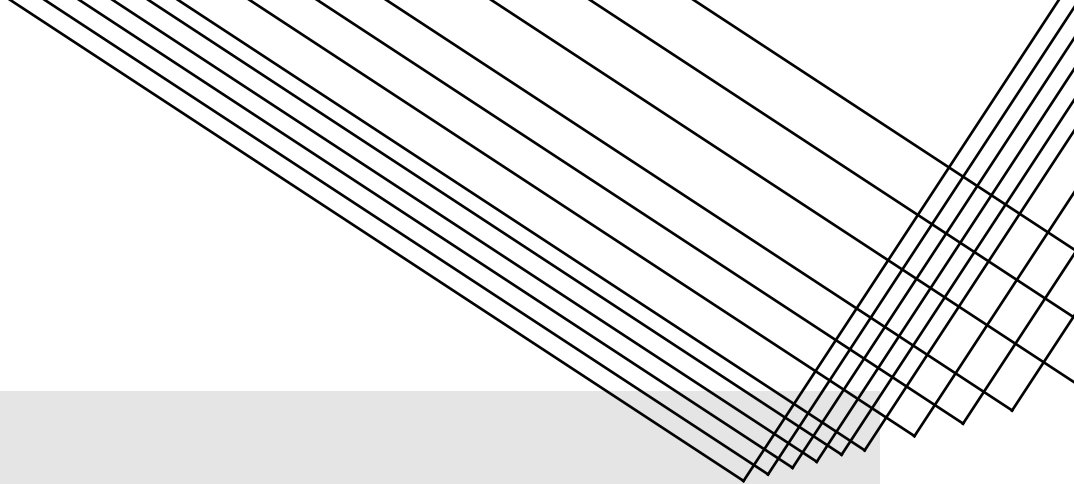
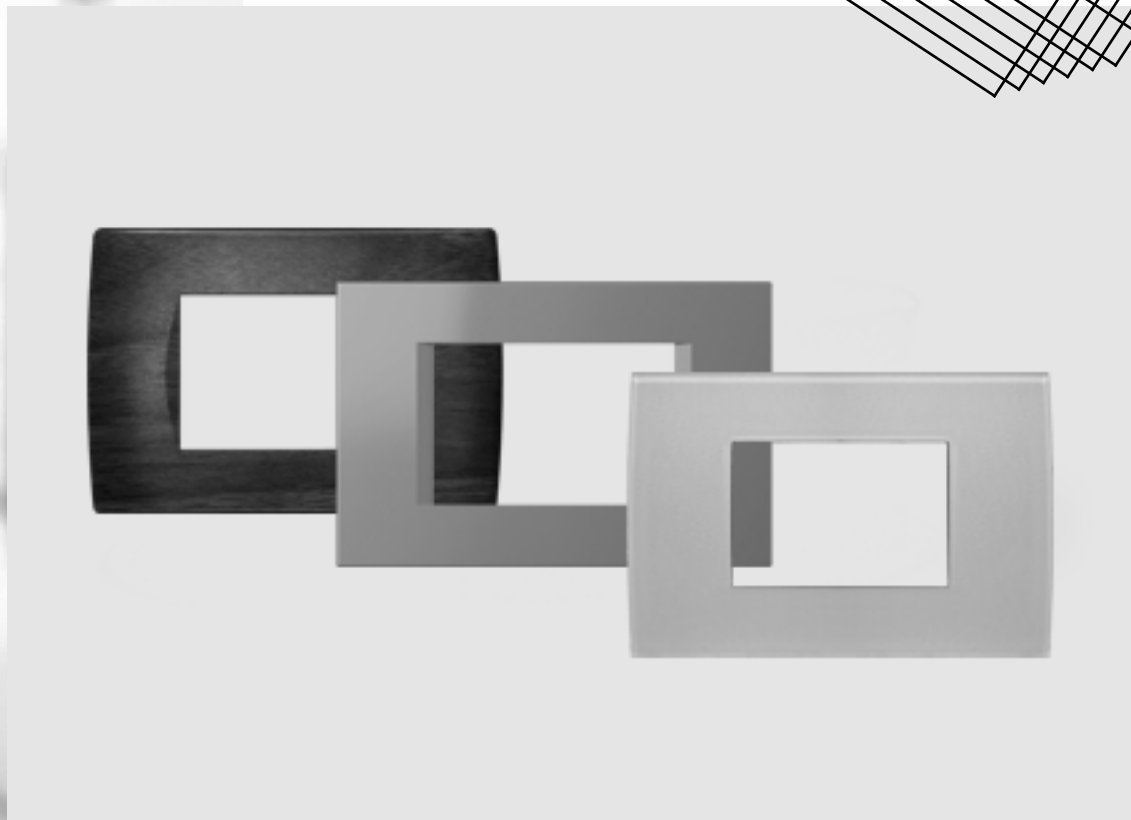




BLACK BOX

electric switches  
and sockets



# TEM

## MODUL

The MODUL family lines reflect a modern and sophisticated lifestyle. You can choose from three different lines:

PURE — line — soft

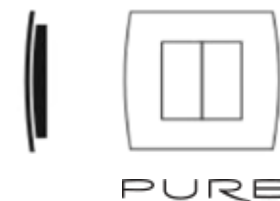
A wide selection of colours, patterns and shapes to alter the appearance of your switches and sockets so that they fit the desired atmosphere and mood.

## ekonomik

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.

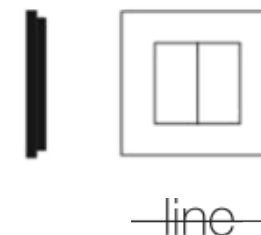
The system is characterised by plug-in contacts which save time during installation of elements. A neutral, compact, elegant design is adjustable to every working or living area.

## MODUL



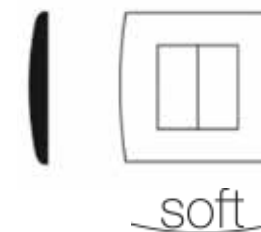
PURE

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

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



soft

The Soft switch line is characterised by its perfectly soft shapes rounded off by a subtle selection of colours and special coatings for a special touch..

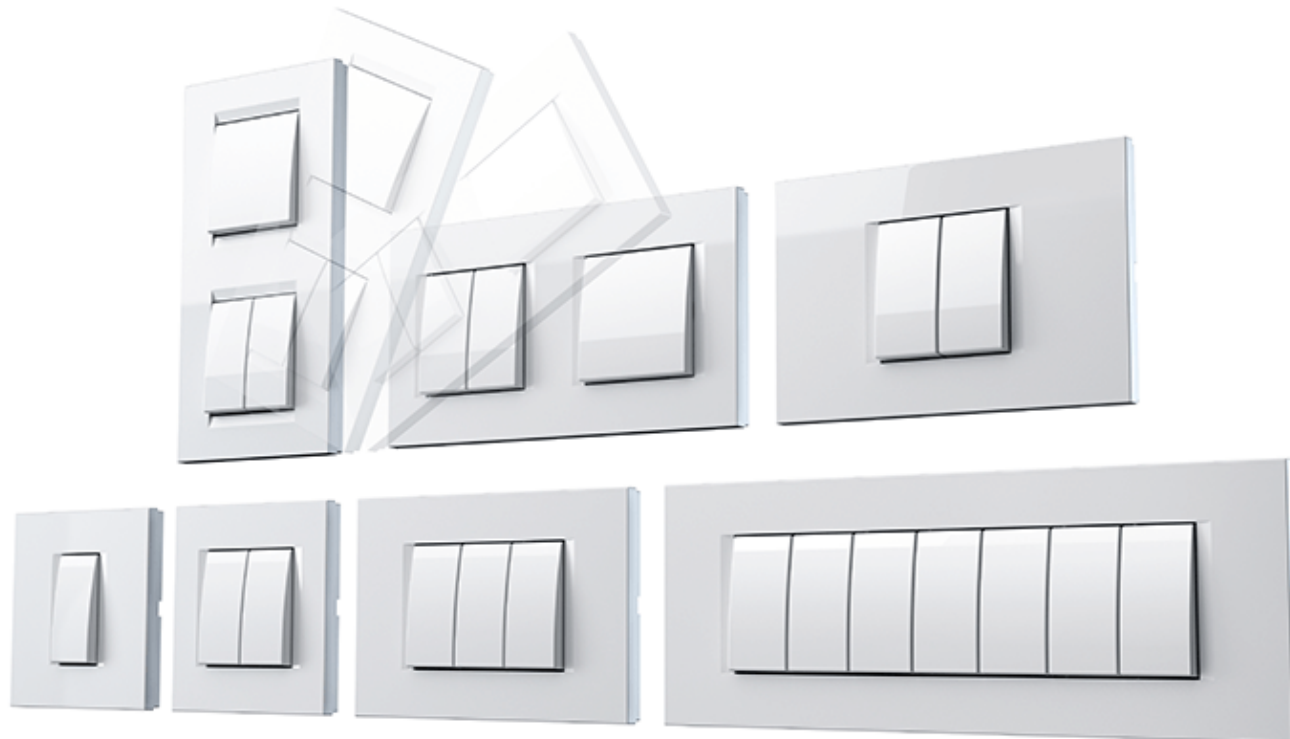


## Create any configuration you wish

TEM bring you 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, individually or in groups.

1M = 

2M =  = 



## Solutions for 4 switches

1/2M



2M



2M



1/3M



2/3M



2/3M



4M



2x2M



2x2M



4x2M



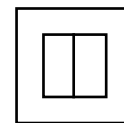
3x2M



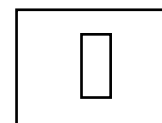
PURE



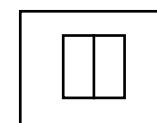
## PURE cover plate configurations



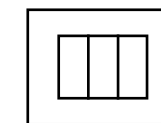
2M



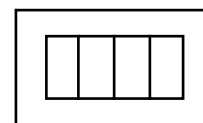
1/3M



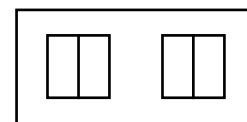
2/3M



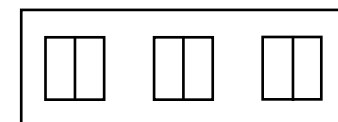
3M



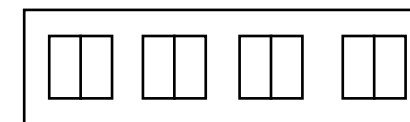
4M



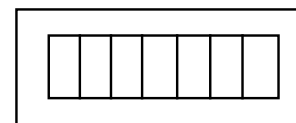
2x2M



3x2M

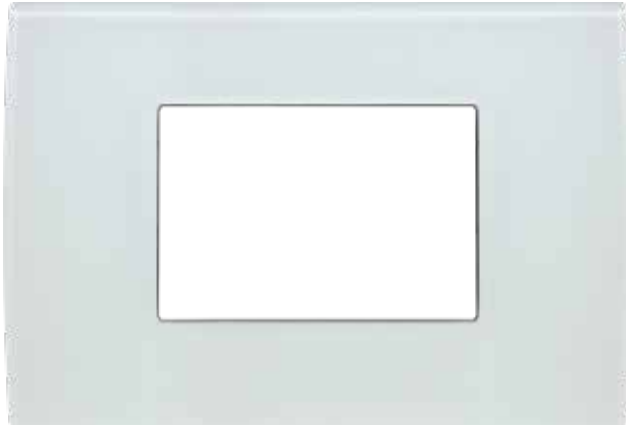


4x2M



7M

PURE  
glass



GW  
ice white



GG  
ice green



GY  
ice grey

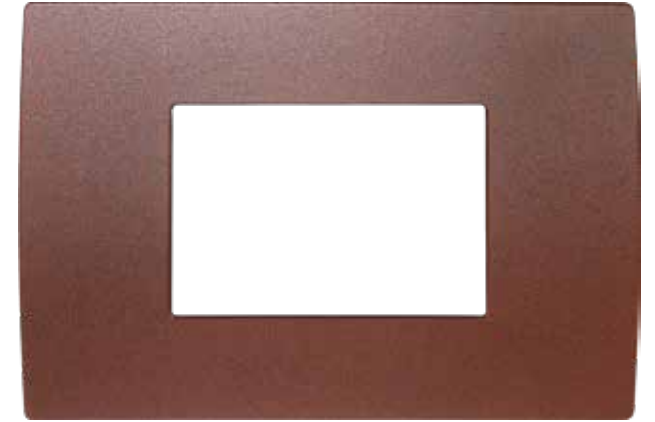


GB  
ice blue

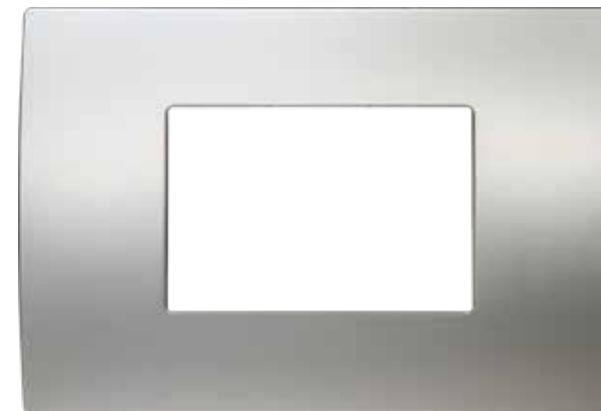
PURE  
metal



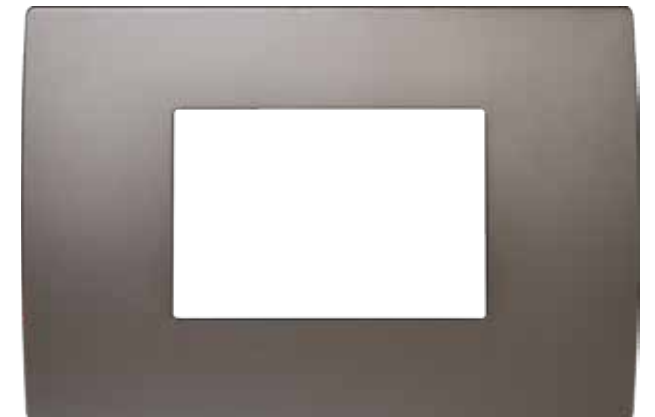
MH  
hammered steel



ME  
etched iron



MS  
satin silver



MN  
satin nickel



WB  
bamboo



WW  
walnut



WM  
maple



WE  
wenge



PURE 2M

|  |        |  |        |  |        |
|--|--------|--|--------|--|--------|
|  | OP20MH |  | OP20WB |  | OP20GW |
|  | OP20ME |  | OP20WW |  | OP20GG |
|  | OP20MS |  | OP20WM |  | OP20GY |
|  | OP20MN |  | OP20WE |  | OP20GB |

Mounting frame: NM24 or NM25 only



PURE 2x2M

|  |        |  |        |  |        |
|--|--------|--|--------|--|--------|
|  | OP24MH |  | OP24WB |  | OP24GW |
|  | OP24ME |  | OP24WW |  | OP24GG |
|  | OP24MS |  | OP24WM |  | OP24GY |
|  | OP24MN |  | OP24WE |  | OP24GB |

Mounting frame: NM24 or NM25 only



PURE 3x2M

|  |        |  |        |  |        |
|--|--------|--|--------|--|--------|
|  | OP26MH |  | OP26WB |  | OP26GW |
|  | OP26ME |  | OP26WW |  | OP26GG |
|  | OP26MS |  | OP26WM |  | OP26GY |
|  | OP26MN |  | OP26WE |  | OP26GB |

Mounting frame: NM24 or NM25 only



PURE 4x2M

|  |        |  |        |  |        |
|--|--------|--|--------|--|--------|
|  | OP26MH |  | OP26WB |  | OP26GW |
|  | OP26ME |  | OP26WW |  | OP26GG |
|  | OP26MS |  | OP26WM |  | OP26GY |
|  | OP26MN |  | OP26WE |  | OP26GB |

Mounting frame: NM24 or NM25 only



PURE 3M

|                                                                                          |                                                                                            |                                                                                            |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OP30MH |  OP30WB |  OP30GW |
|  OP30ME |  OP30WW |  OP30GG |
|  OP30MS |  OP30WM |  OP30GY |
|  OP30MN |  OP30WE |  OP30GB |



PURE 4M

|                                                                                          |                                                                                            |                                                                                            |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OP40MH |  OP40WB |  OP40GW |
|  OP40ME |  OP40WW |  OP40GG |
|  OP40MS |  OP40WM |  OP40GY |
|  OP40MN |  OP40WE |  OP40GB |



PURE 7M

|                                                                                            |                                                                                              |                                                                                              |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  OP70MH  |  OP70WB  |  OP70GW  |
|  OP70ME |  OP70WW |  OP70GG |
|  OP70MS |  OP70WM |  OP70GY |
|  OP70MN |  OP70WE |  OP70GB |



PURE 1/3M

|                                                                                            |                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OP13MH |  OP13WB |  OP13GW |
|  OP13ME |  OP13WW |  OP13GG |
|  OP13MS |  OP13WM |  OP13GY |
|  OP13MN |  OP13WE |  OP13GB |

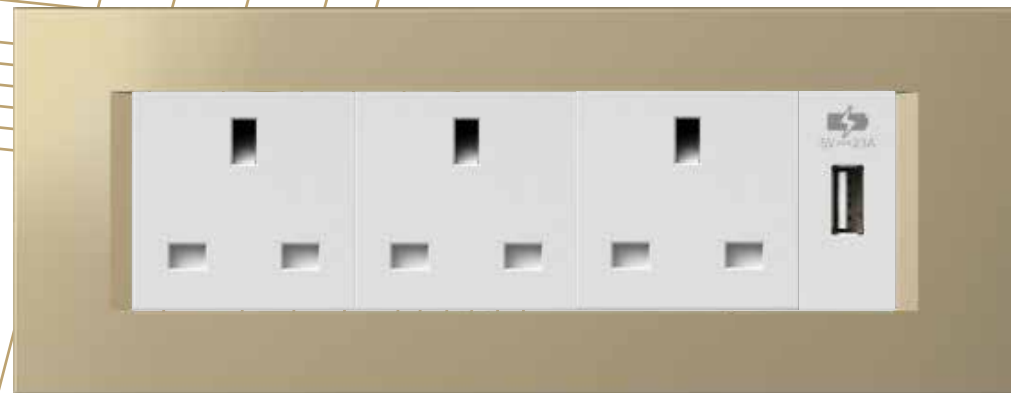


PURE 2/3M

|                                                                                            |                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OP23MH |  OP23WB |  OP23GW |
|  OP23ME |  OP23WW |  OP23GG |
|  OP23MS |  OP23WM |  OP23GY |
|  OP23MN |  OP23WE |  OP23GB |

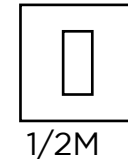


line

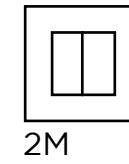


line

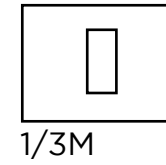
cover plate configurations



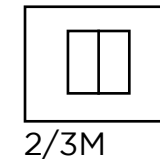
1/2M



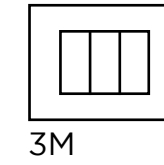
2M



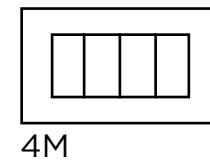
1/3M



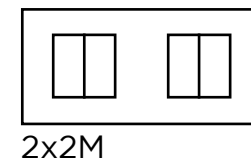
2/3M



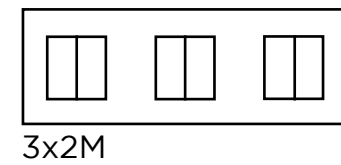
3M



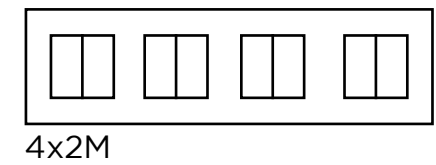
4M



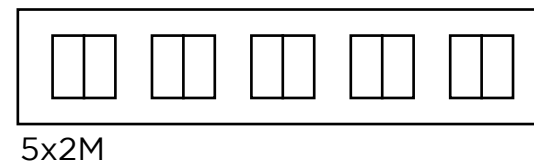
2x2M



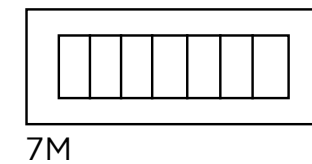
3x2M



4x2M

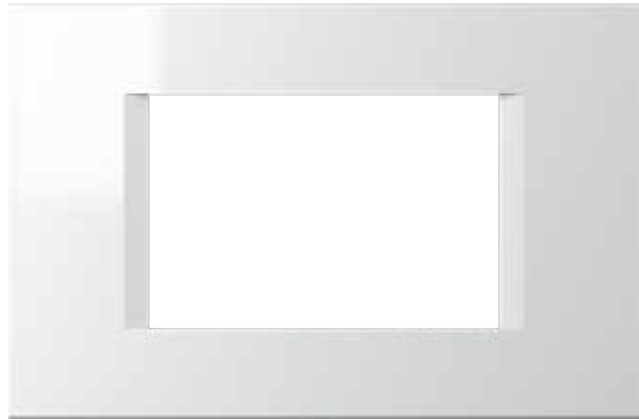


5x2M



7M

line  
basic



PW  
polar white



IW  
ivory white



ES  
elox silver



SB  
soft touch black

line  
decor



SG  
sand gold



NB  
night black



IB  
impulse blue



AT  
anthracite



TI  
titanium



SW  
stone white



LINE 2M

|  |        |  |        |
|--|--------|--|--------|
|  | OL20PW |  | OL20NB |
|  | OL20IW |  | OL20IB |
|  | OL20ES |  | OL20AT |
|  | OL20SB |  | OL20TI |
|  | OL20SG |  | OL20SW |



LINE 2x2M

Horizontal or vertical mounting

|  |        |  |        |
|--|--------|--|--------|
|  | OL24PW |  | OL24NB |
|  | OL24IW |  | OL24IB |
|  | OL24ES |  | OL24AT |
|  | OL24SB |  | OL24TI |
|  | OL24SG |  | OL24SW |



LINE 3x2M

Horizontal or vertical mounting

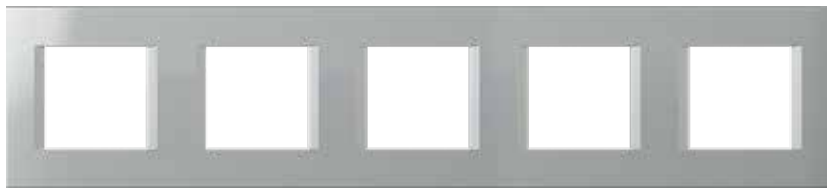
|  |        |  |        |
|--|--------|--|--------|
|  | OL26PW |  | OL26NB |
|  | OL26IW |  | OL26IB |
|  | OL26ES |  | OL26AT |
|  | OL26SB |  | OL26TI |
|  | OL26SG |  | OL26SW |



LINE 4x2M

Horizontal or vertical mounting

|  |        |  |        |
|--|--------|--|--------|
|  | OL28PW |  | OL28NB |
|  | OL28IW |  | OL28IB |
|  | OL28ES |  | OL28AT |
|  | OL28SB |  | OL28TI |
|  | OL28SG |  | OL28SW |



LINE 5x2M  
Horizontal or vertical mounting

- OL28PW
- OL28IW
- OL28ES
- OL28SB



LINE 3M

- OL30PW
- OL30IW
- OL30ES
- OL30SB
- OL30SG
- OL30NB
- OL30IB
- OL30AT
- OL30TI
- OL30SW



LINE 4M

- OL40PW
- OL40IW
- OL40ES
- OL40SB
- OL40SG
- OL40NB
- OL40IB
- OL40AT
- OL40TI
- OL40SW



LINE 7M

- OL70PW
- OL70IW
- OL70ES
- OL70SB
- OL70SG
- OL70NB
- OL70IB
- OL70AT
- OL70TI
- OL70SW



LINE 1/2M

- OL10PW
- OL10IW
- OL10ES
- OL10SB
- OL10SG
- OL10NB
- OL10IB
- OL10AT
- OL10TI
- OL10SW



LINE 1/3M

- OL13PW
- OL13IW
- OL13ES
- OL13SB
- OL13SG
- OL13NB
- OL13IB
- OL13AT
- OL13TI
- OL13SW



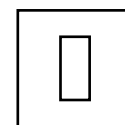
LINE 2/3M

- OL23PW
- OL23IW
- OL23ES
- OL23SB
- OL23SG
- OL23NB
- OL23IB
- OL23AT
- OL23TI
- OL23SW

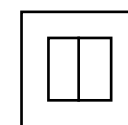


soft

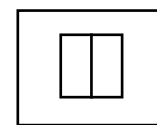
cover plate configurations



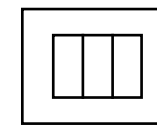
1/2M



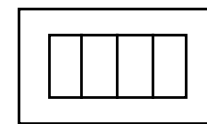
2M



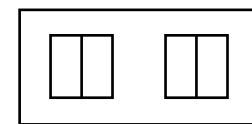
2/3M



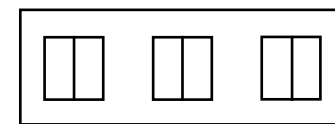
3M



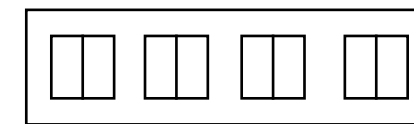
4M



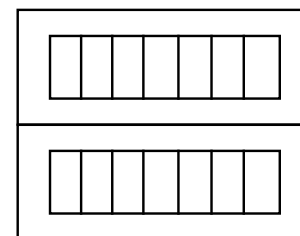
2x2M



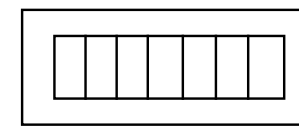
3x2M



4x2M



2x7M

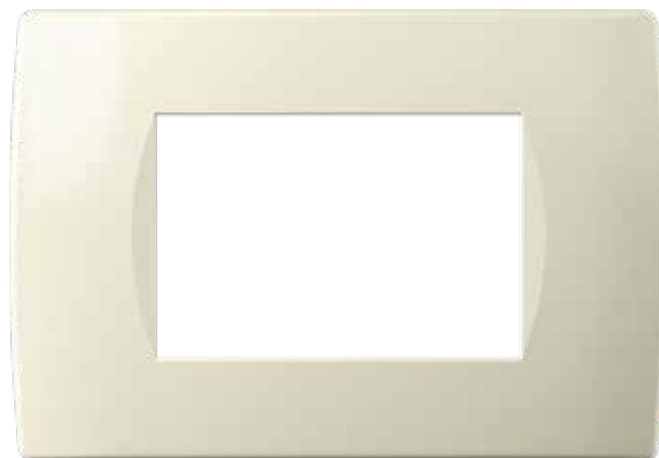


7M

soft  
basic



PW  
polar white



IW  
ivory white

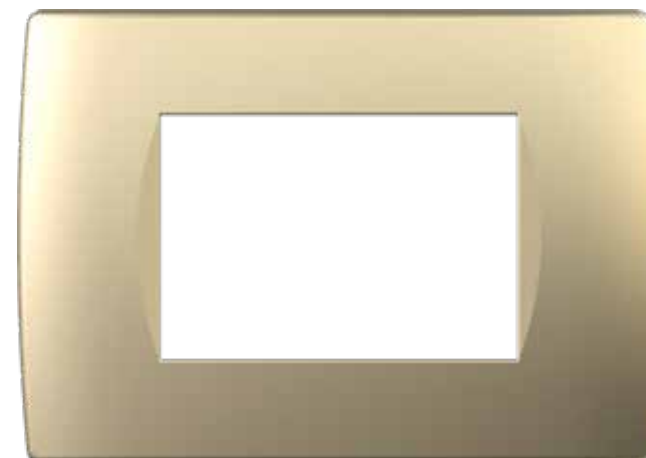


ES  
elox silver

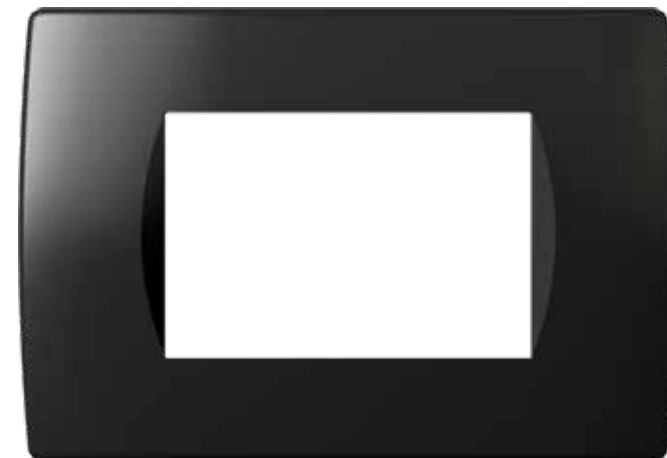


SB  
soft touch black

soft  
decor



SG  
sand gold



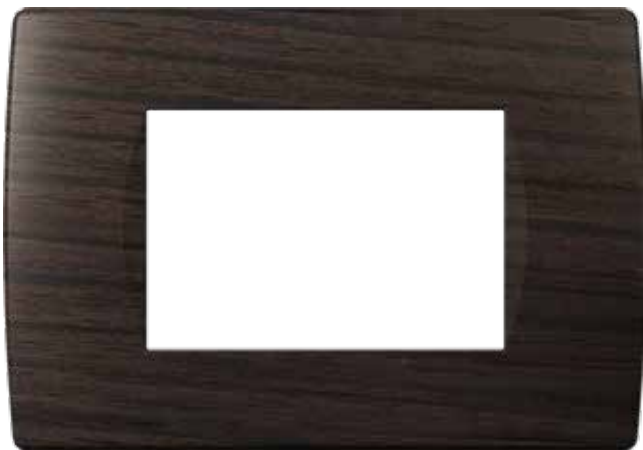
NB  
night black



AT  
anthracite



TI  
titanium



WE  
wenge



WW  
walnut



SOFT 2M

|                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OS20PW |  OS20NB |
|  OS20IW |  OS20AT |
|  OS20ES |  OS20TI |
|  OS20SB |  OS20WE |
|  OS20SG |  OS20WW |



SOFT 2x2M  
Horizontal or vertical mounting

|                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OS24PW |  OS24NB |
|  OS24IW |  OS24AT |
|  OS24ES |  OS24TI |
|  OS24SB |  OS24WE |
|  OS24SG |  OS24WW |



SOFT 3x2M  
Horizontal or vertical mounting

|                                                                                              |                                                                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  OS26PW   |  OS26NB   |
|  OS26IW   |  OS26AT   |
|  OS26ES  |  OS26TI  |
|  OS26SB |  OS26WE |
|  OS26SG |  OS26WW |



SOFT 4x2M  
Horizontal or vertical mounting

|                                                                                              |                                                                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  OS28PW |  OS28NB |
|  OS28IW |  OS28AT |
|  OS28ES |  OS28TI |
|  OS28SB |  OS28WE |
|  OS28SG |  OS28WW |



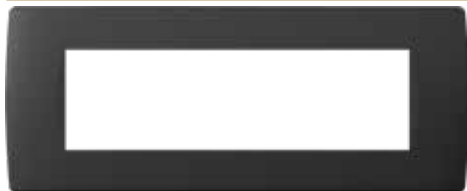
SOFT 3M

- |                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OS30PW |  OS30NB |
|  OS30IW |  OS30AT |
|  OS30ES |  OS30TI |
|  OS30SB |  OS30WE |
|  OS30SG |  OS30WW |



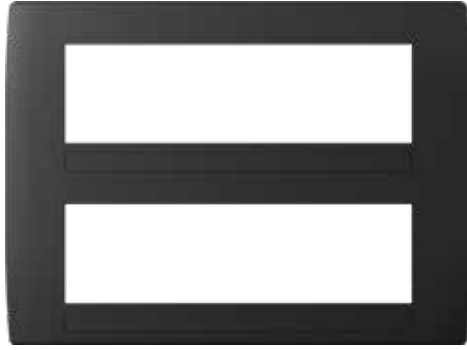
SOFT 4M

- |                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OS24PW |  OS24NB |
|  OS24IW |  OS24AT |
|  OS24ES |  OS24TI |
|  OS24SB |  OS24WE |
|  OS24SG |  OS24WW |



SOFT 7M

- |                                                                                              |                                                                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  OS26PW   |  OS26NB   |
|  OS26IW   |  OS26AT   |
|  OS26ES   |  OS26TI   |
|  OS26SB   |  OS26WE   |
|  OS26SG |  OS26WW |



SOFT 2x7M

- |                                                                                              |
|----------------------------------------------------------------------------------------------|
|  OS72PW |
|  OS72IW |
|  OS72ES |
|  OS72SB |



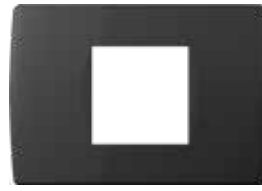
SOFT 1/2M

- |                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OS10PW |  OS10NB |
|  OS10IW |  OS10AT |
|  OS10ES |  OS10TI |
|  OS10SB |  OS10WE |
|  OS10SG |  OS10WW |



SOFT 1/3M

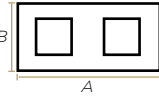
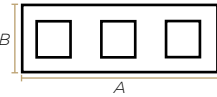
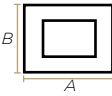
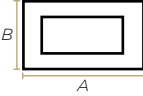
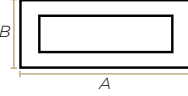
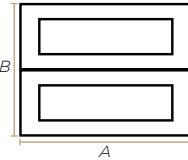
- |                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  OS13PW |  OS13NB |
|  OS13IW |  OS13AT |
|  OS13ES |  OS13TI |
|  OS13SB |  OS13WE |
|  OS13SG |  OS13WW |

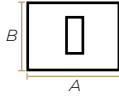
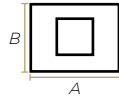


SOFT 2/3M

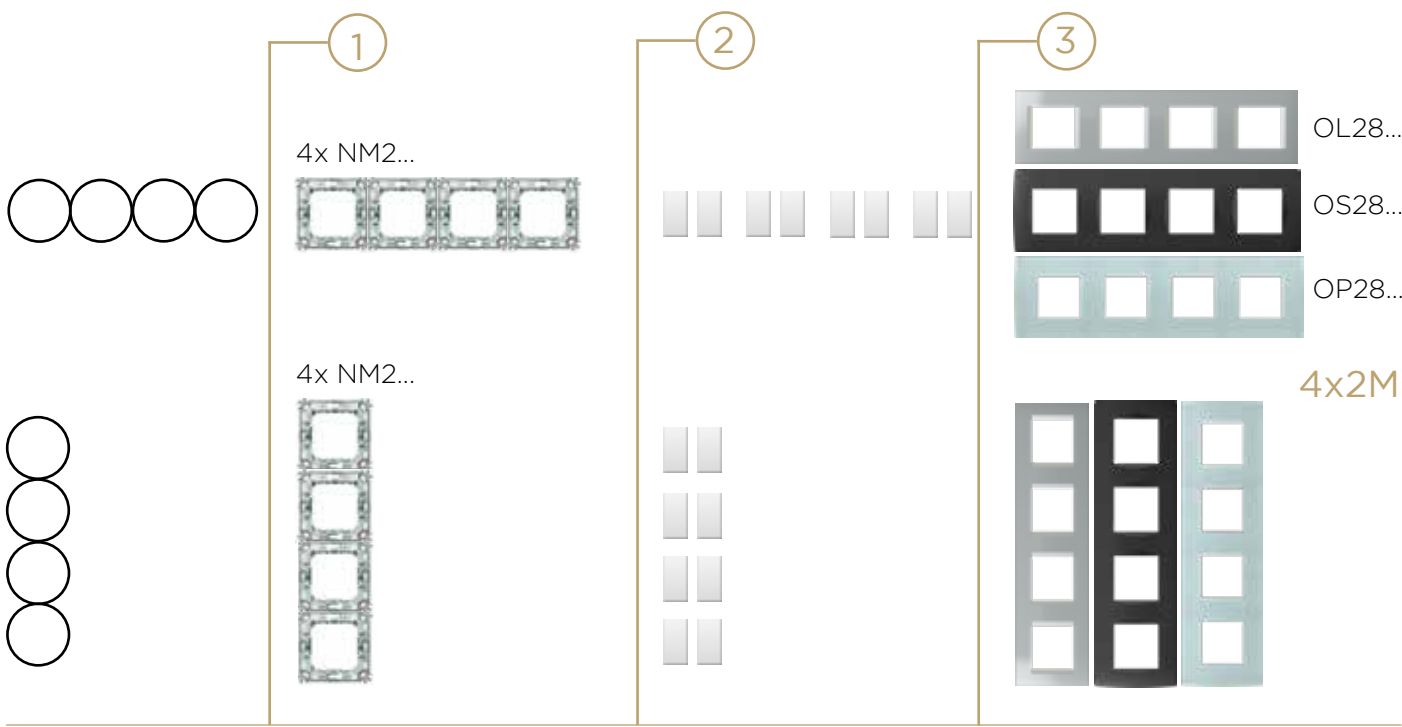
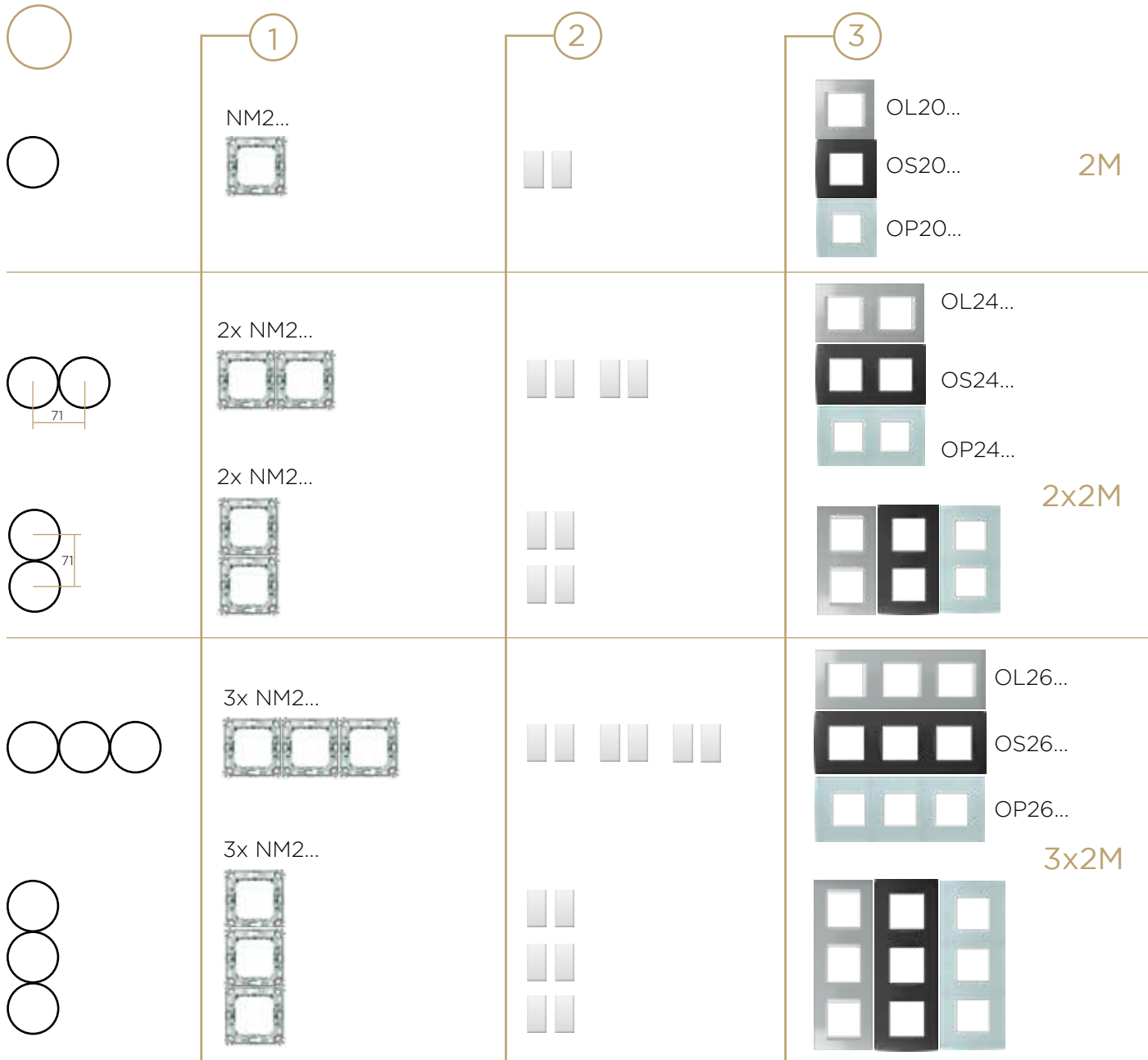
- |                                                                                              |                                                                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  OS23PW   |  OS23NB   |
|  OS23IW   |  OS23AT   |
|  OS23ES   |  OS23TI   |
|  OS23SB   |  OS23WE   |
|  OS23SG |  OS23WW |

Frame dimensions

|  |                                                                                     | <br>line<br>A x B | <br>soft<br>A x B | <br>PURE<br>A x B |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 2M                                                                               |    | 80 x 80 mm                                                                                         | 84 x 84 mm                                                                                           | 93 x 90 mm                                                                                           |
| 2x2M                                                                             |    | 151 x 80 mm                                                                                        | 154 x 84 mm                                                                                          | 164 x 90 mm                                                                                          |
| 3x2M                                                                             |    | 222 x 80 mm                                                                                        | 226 x 84 mm                                                                                          | 235 x 90 mm                                                                                          |
| 4x2M                                                                             |    | 239 x 80 mm                                                                                        | 297 x 84 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                                                                                          |
| 7x2M                                                                             |  |                                                                                                    | 212 x 158 mm                                                                                         |                                                                                                      |

|  |                                                                                     | <br>line<br>A x B | <br>soft<br>A x B | <br>PURE<br>A x B |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 2M                                                                                  |  | 80 x 80 mm                                                                                           | 84 x 84 mm                                                                                           | 93 x 90 mm                                                                                           |
| 2x2M                                                                                |  | 151 x 80 mm                                                                                          | 154 x 84 mm                                                                                          | 164 x 90 mm                                                                                          |
| 3x2M                                                                                |  | 222 x 80 mm                                                                                          | 226 x 84 mm                                                                                          | 235 x 90 mm                                                                                          |

# Mounting Frames Combinations



# Mounting Frames Combinations

|                                                                                  |                                                                                                                |                                                                                                |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div>①</div> <div>NM30</div>  | <div>②</div>  | <div>③</div> <div> OL30...</div> <div> OS30...</div> <div> OP30...</div> |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

3M

|                                                                                                                                                                                      |                                                                                                                    |                                                                                                  |                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div> / </div> | <div>①</div> <div>NM1...</div>  | <div>②</div>  | <div>③</div> <div> OL10...</div> <div> OS10...</div> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

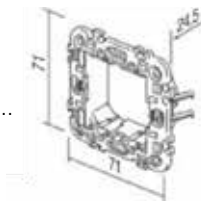
1/2M

# Mounting Frames



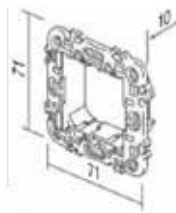
NM20

- Mounting Frame with claws - 2M
- For mounting on boxes Ø60 (DE...) with claws
- Possible horizontal or vertical combinations 2x2M, 3x2M, 4x2M...
- Suitable for assembling with cover plates LINE and SOFT



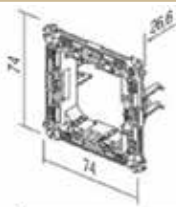
NM21

- Mounting Frame without screws and claws - 2M
- For mounting on boxes Ø60 (HE..., BE...) with screws
- Possible horizontal or vertical combinations 2x2M, 3x2M, 4x2M...
- Suitable for assembling with cover plates LINE and SOFT



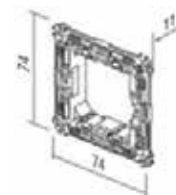
NM24

- Mounting Frame with claws (stiff version) - 2M
- For mounting on boxes Ø60 (DE...) with claws
- Possible horizontal or vertical combinations 2x2M, 3x2M, 4x2M...
- Suitable for assembling with cover plates PURE, LINE and SOFT



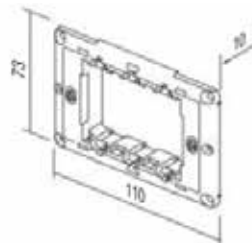
NM25

- Mounting Frame without screws and claws (stiff version) - 2M
- For mounting on boxes Ø60 (HE..., BE...) with claws
- Possible horizontal or vertical combinations 2x2M, 3x2M, 4x2M...
- Suitable for assembling with cover plates PURE, LINE and SOFT



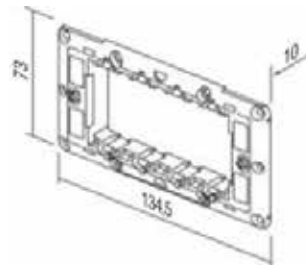
NM30

- Mounting Frame with screws - 3M
- For mounting on rectangular boxes 3M
- Suitable for assembling with cover plates PURE, LINE and SOFT



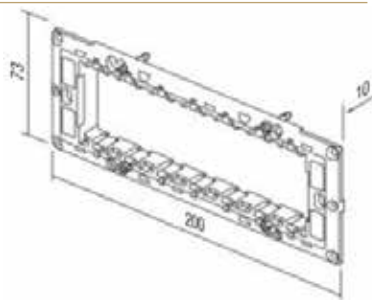
NM40

- Mounting Frame with screws - 4M
- For mounting on rectangular boxes 4M
- Suitable for assembling with cover plates PURE, LINE and SOFT



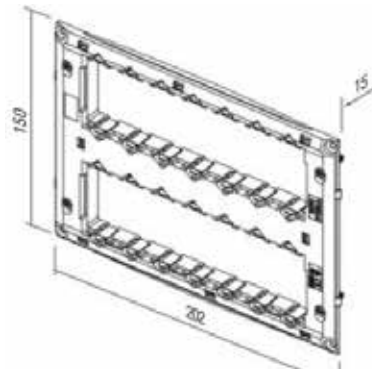
NM70

- Mounting Frame with screws - 7M
- For mounting on rectangular boxes 7M
- Suitable for assembling with cover plates PURE, LINE and SOFT



NM72

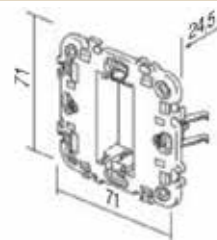
- Mounting Frame with screws - 2x7M
- For mounting on rectangular boxes 2x7M
- Suitable for assembling with cover plate SOFT OS72





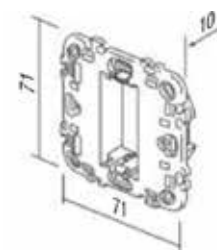
NM10

- Mounting Frame with claws - 1/2M
- For mounting on boxes Ø60 (DE...) with claws
- Suitable for assembling with cover plates LINE and SOFT



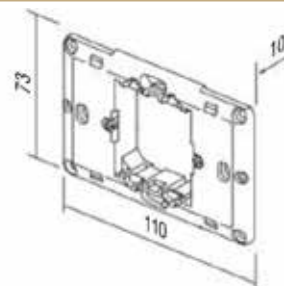
NM11

- Mounting Frame without screws and claws - 1/2M
- For mounting on boxes Ø60 (HE..., BE...) with screws
- Suitable for assembling with cover plates LINE and SOFT



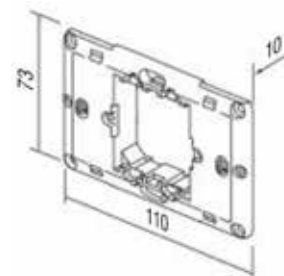
NM23

- Mounting Frame with claws - 2/3M
- For mounting on boxes Ø60 (DE...) with claws
- Suitable for assembling with cover plates PURE, LINE and SOFT



NM32

- Mounting Frame with screws - 2/3M
- For mounting on rectangular boxes 3M
- Suitable for assembling with cover plates PURE, LINE and SOFT



## Back Boxes

The MODUL back boxes are easy to install and enable you to combine rectangular or round boxes at according to the selected modular elements.

Brick



Hollow wall



Concrete



Function elements

Switches

|      |                   | SM11           |      | PW              |                                                                                                                  | IN |                                                                                              | O1 |  |
|------|-------------------|----------------|------|-----------------|------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------|----|--|
| type | description       | technical data | size | colour          | optional data 1                                                                                                  |    | optional data 2                                                                              |    |  |
| SM11 | Push Button 1 Way | 16A 250V~      | 1M   | PW: Polar White |  IN: Indicator<br>NT: Neutral |    |  O1 O2 O3 |    |  |

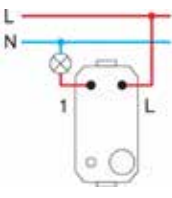
Switch 1 Way 16AX 250V~ 1M



SM10



- Switch without button
- 16AX 250V~, type SM10
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1



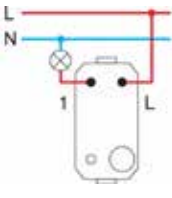
Push Button 1 Way 16AX 250V~ 1M



SM11



- Push Button without button
- 16A 250V~, type SM11
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1



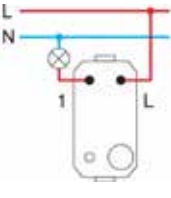
Switch 1 Way 20A 250V~ 1M



SM12



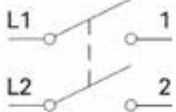
- Switch without button
- 20A 250V~, type SM12
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1



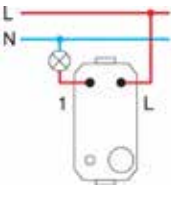
Switch 2 Pole 16AX 250V~ 1M



SM20



- Switch without button
- 16AX 250V~, type SM20
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Only in combination with button TM15



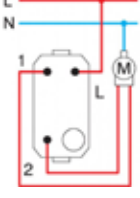
Switch Shutters 1-O-2 16AX 250V~ 1M



SM40



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



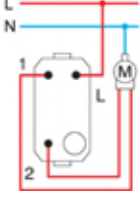
Push Button Shutters 1-O-2 16AX 250V~ 1M



SM41



- Push Button without button
- 16A 250V~, type SM41
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1



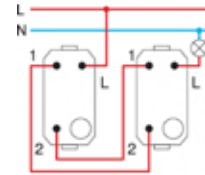
### Switch 2 Way 16AX 250V~ 1M



SM60



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



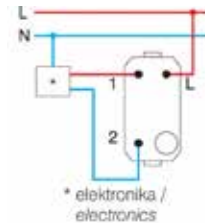
### Push Button 2 Way 16A 250V~ 1M



SM61



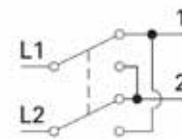
- Push Button without button
- 16A 250V~, type SM61
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1



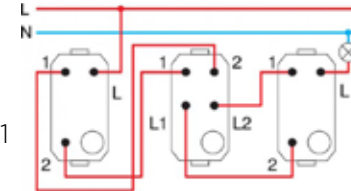
### Switch Intermediate 16AX 250V~ 1M



SM70



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



## Function elements

## Switches with button



PW  
Polar white



SB  
Soft touch black



ES  
Elox silver



IW  
Ivory white

### Switch 1 Way 16AX 250V~ 1M



SM10PW  
SM10SB  
SM10ES  
SM10IW

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



### Switch 1 Way 16AX 250V~ 1M\_IN



SM10PW\_IN  
SM10SB\_IN  
SM10ES\_IN  
SM10IW\_IN

- Button with indicator
- 16AX 250V~, type SM10
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Lamp is not included
- Replaceable button





SM11PW

SM11SB

SM11ES

SM11IW

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



Push button 1 Way 16A 250V~ 1M



SM11PWIN01

SM11SBIN01

SM11ESIN01

SM11IWIN01

- Indicator | Bell
- 16AX 250V~, type SM11
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Lamp is not included
- Replaceable button



Push button 1 Way 16A 250V~ 1M\_IN 01



SM11PWIN02

SM11SBIN02

SM11ESIN02

SM11IWIN02

- Indicator | Light
- 16A 250V~, type SM11
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Lamp is not included
- Replaceable button



Push button 1 Way 16A 250V~ 1M\_IN 02



SM20PWNT03

SM20SBNT03

SM20ESNT03

SM20IWNT03

- NT 03 Neutral 0-1
- 16AX 250V~, type SM20
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Replaceable button



Switch 2 Pole 16AX 250V~ 1M\_NT 03



SM20PWIN

SM20SBIN

SM20ESIN

SM20IWIN

- Indicator
- 16AX 250V~, type SM20
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Lamp is not included
- Replaceable button



Switch 2 Pole 16AX 250V~ 1M\_IN



SM40PWNT10

SM40SBNT10

SM40ESNT10

SM40IWNT10

- Neutral 1-0-2
- 16A 250V~, type SM41
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Replaceable button



Switch Shutters 1-0-2 16AX 250V~ 1M\_NT 10



SM41PWNT10

SM41SBNT10

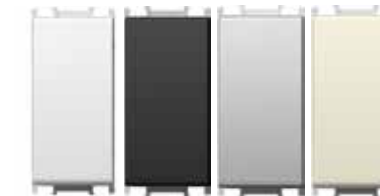
SM41ESNT10

SM41IWNT10

- Indicator | Light
- 16A 250V~, type SM11
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with EN 60669-1
- Lamp is not included
- Replaceable button



Push button Shutters 1-0-2 16A 250V~ 1M\_NT 10



SM60PW

SM60SB

SM60ES

SM60IW

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



Switch 2 Way 16AX 250V~ 1M

SM61PW

SM61SB

SM61ES

SM61IW

— 16A 250V~, type SM61Screw contacts 1.5-2.5mm<sup>2</sup>

— In accordance with EN 60669-1

— Replaceable button

### Push button 2 Way with cord 16A 250V~ 1M\_CD

SM62PWCD

SM62SBCD

SM62ESCD

SM62IWCD

— Indicator + Cord

— Cord length 1.5m

— 16A 250V~, type SM62

— Screw contacts 1.5-2.5mm<sup>2</sup>

— In accordance with EN 60669-1

### Switch Intermediate 16AX 250V~ 1M

SM70PW

SM70SB

SM70ES

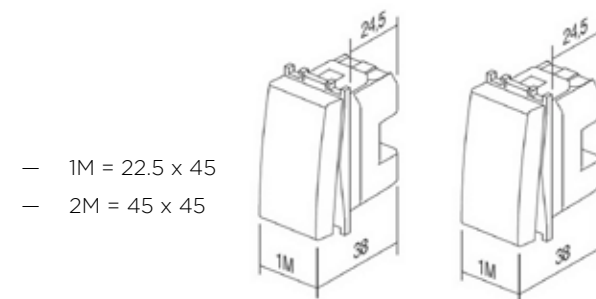
SM70IW

— 16AX 250V~, type SM70

— Screw contacts 1.5-2.5mm<sup>2</sup>

— In accordance with EN 60669-1

— Replaceable button



## Function elements Buttons

| TM11 |             |      | PW              | NT                           | 03              |
|------|-------------|------|-----------------|------------------------------|-----------------|
| type | description | size | colour          | optional data 1              | optional data 2 |
| TM11 | Button      | 1M   | PW: Polar White | IN: Indicator<br>NT: Neutral | 01<br>02<br>03  |
| TM12 | Button      | 2M   |                 |                              |                 |
| TM21 | Blank       | 1M   |                 |                              |                 |

TM11PW

TM11SB

TM11ES

TM11IW

— Replaceable button 1M

— In accordance with EN 60669-1

### Button 1M Indicator

TM11PWIN

TM11SBIN

TM11ESIN

TM11IWIN

— Replaceable button

— In accordance with EN 60669-1



TM12PW

TM12SB

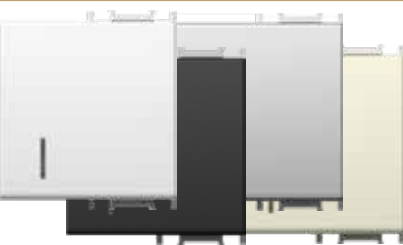
TM12ES

TM12IW

- Replaceable button 2M with button carrier
- To upgrade switch or push button from size 1M to size 2M
- In accordance with EN 60669-1



### Button 2M



TM12PWIN

TM12SBIN

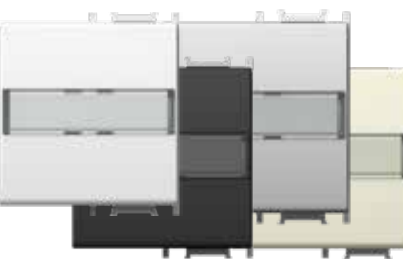
TM12ESIN

TM12IWIN

- Replaceable button 2M with button carrier
- To upgrade switch or push button from size 1M to size 2M
- In accordance with EN 60669-1



### Button 2M Indicator



TM13PWIL

TM13DBIL

TM13ESIL

TM13IWIL

- Replaceable button 2M with button carrier
- To upgrade switch or push button from size 1M to size 2M
- In accordance with EN 60669-1



### Button 2M with Inscription Plate



TM15PW

TM15SB

TM15ES

TM15IW

- Replaceable button 1M
- Only in combination with mechanism SM20
- In accordance with EN 60669-1



### Button 1M 2 Pole



TM21PW

TM21SB

TM21ES

TM21IW

- Blank modul to fill up empty spaces
- In accordance with EN 60669-1



### Blank 1M



TM22PWIN

TM22SBIN

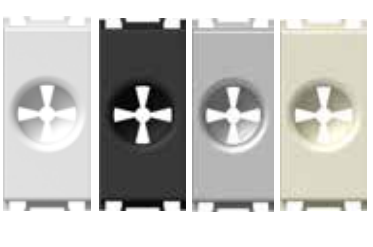
TM22ESIN

TM22IWIN

- Blank modul to fill up empty spaces
- In accordance with EN 60669-1



### Button 2M Indicator



TM31PW

TM31DB

TM31ES

TM31IW

- Outlet for cable
- In accordance with EN 60669-1



### Cable Outlet 1M

# Create your personalisation!

Give your switches a twist of fun with your own personalisation!

Available only on request and for LINE and SOFT cover plates.

Neon/LED Lamps are available for indication, illumination, or constant illumination of switches. Lamps should be in combination with Indicator buttons.



## Laser print on buttons

- Standard Symbols: 01 to 12
- Symbols 20 to 48 are made on request

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 20 | 21 | 22 | 23 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |    |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

## Function elements

### Sockets



| VM10 |      | PW               | PT                         | PP                    |
|------|------|------------------|----------------------------|-----------------------|
| type | size | colour           | colour + transparent cover | colour + colour cover |
| VM10 | 2M   | Polar White      | PW + transparent           | PW + PW               |
| VM11 | 2M   | Soft Touch Black | SB + transparent           | SB + SB               |
| VM20 | 2M   | Elox Silver      | ES + transparent           | ES + ES               |
|      |      | Ivory White      | IW + transparent           | IW + IW               |



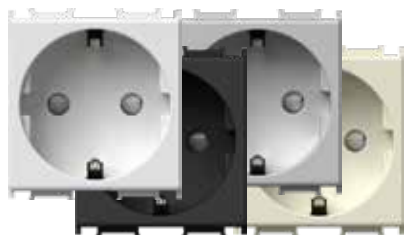
- VM10PW
- VM10SB
- VM10ES
- VM10IW

### Socket Schuko + KS 2P+E 16A 250V~ 2M

- 16A 250V~, type VM10
- Screw contacts 1.5-2.5mm<sup>2</sup>
- In accordance with IEC 60884-1, CEE7
- KS build-in child protection - shuttered live contacts



**Socket Schuko + KS 2P+E 16A 250V~ 2M**



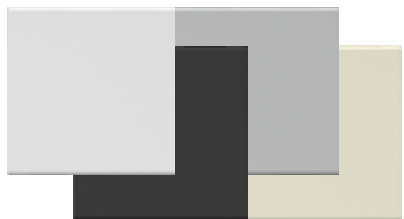
|        |                                                          |                                                                                     |
|--------|----------------------------------------------------------|-------------------------------------------------------------------------------------|
| VM10PW | — 16A 250V~, type VM10                                   |  |
| VM10SB | — Screw contacts 1.5-2.5mm <sup>2</sup>                  |                                                                                     |
| VM10ES | — In accordance with IEC 60884-1, CEE7                   |                                                                                     |
| VM10IW | — KS build-in child protection - shuttered live contacts |                                                                                     |

**Socket Schuko + KS + Cover 2P+E 16A 250V~ 2M**



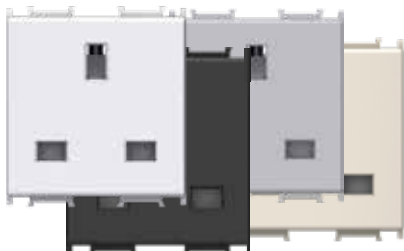
|        |                                                          |                                                                                     |
|--------|----------------------------------------------------------|-------------------------------------------------------------------------------------|
| VM11PT | — 16A 250V~, type VM11                                   |  |
| VM11BT | — Screw contacts 1.5-2.5mm <sup>2</sup>                  |                                                                                     |
| VM11ST | — In accordance with IEC 60884-1, CEE7                   |                                                                                     |
| VM11IT | — KS build-in child protection - shuttered live contacts |                                                                                     |

**Socket Schuko + KS + Cover 2P+E 16A 250V~ 2M**



|        |                                                          |                                                                                      |
|--------|----------------------------------------------------------|--------------------------------------------------------------------------------------|
| VM11PP | — 16A 250V~, type VM11                                   |  |
| VM11BB | — Screw contacts 1.5-2.5mm <sup>2</sup>                  |                                                                                      |
| VM11SS | — In accordance with IEC 60884-1, CEE7                   |                                                                                      |
| VM11II | — KS build-in child protection - shuttered live contacts |                                                                                      |

**Socket British BS 1363-2+ KS 2P+E 13A 250V~ 2M**



|        |                                                          |                                                                                       |
|--------|----------------------------------------------------------|---------------------------------------------------------------------------------------|
| VM52PW | — 13A 250V~, type VM52                                   |  |
| VM52SB | — Screw contacts 1.5-4mm <sup>2</sup>                    |                                                                                       |
| VM52ES | — In accordance with BS 1363-2                           |                                                                                       |
| VM52IW | — KS build-in child protection - shuttered live contacts |                                                                                       |

## Function elements

## Communications

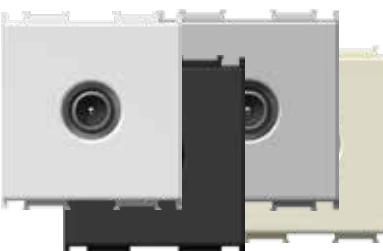


**Socket TV Basic 0dB 1M**



|        |                               |                                                                                      |
|--------|-------------------------------|--------------------------------------------------------------------------------------|
| KM10PW | — TV basic                    |  |
| KM10SB | — Reduction 0dB               |                                                                                      |
| KM10ES | — Back connector - F standard |                                                                                      |
| KM10IW |                               |                                                                                      |

**Socket TV Basic 0dB 2M**



|        |                               |                                                                                       |
|--------|-------------------------------|---------------------------------------------------------------------------------------|
| KM20PW | — TV basic                    |  |
| KM20SB | — Reduction 0dB               |                                                                                       |
| KM20ES | — Back connector - F standard |                                                                                       |
| KM20IW |                               |                                                                                       |

### Socket TV End-line 1dB 1M

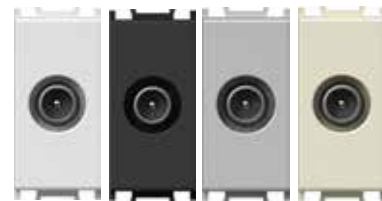


KM11PW  
 KM11SB  
 KM11ES  
 KM11IW

- TV end-line
- Frequency range 5 ÷ 2400 MHz
- Reduction < 1 dB
- In accordance with EN 50083-1
- Screw contacts



### Socket TV troughpass 10dB 1M



KM12PW  
 KM12SB  
 KM12ES  
 KM12IW

- TV troughpass
- Frequency range 5 ÷ 2400 MHz
- Reduction < 10 dB
- In accordance with EN 50083-1
- Screw contacts



### Socket SAT Basic 0dB 1M

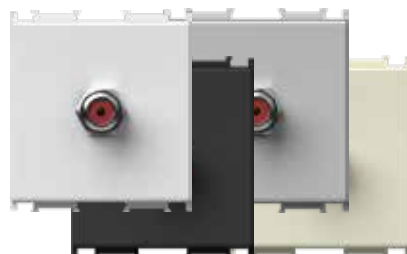


KM15PW  
 KM15SB  
 KM15ES  
 KM15IW

- SAT basic
- Reduction 0dB
- Back connector - F standard



### Socket SAT Basic 0dB 2M

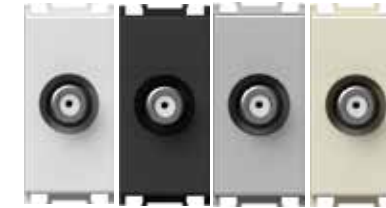


KM24PW  
 KM24SB  
 KM24ES  
 KM24IW

- SAT basic
- Reduction 0dB
- Back connector - F standard



### Socket SAT End-line 1dB 1M

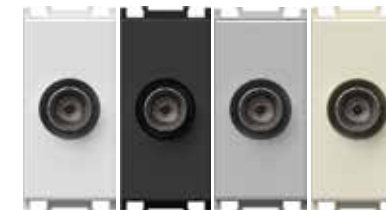


KM16PW  
 KM16SB  
 KM16ES  
 KM16IW

- SAT end-line
- Frequency range 5 ÷ 2400 MHz
- Reduction < 1 dB
- In accordance with EN 50083-1
- Screw contacts



### Socket R Basic 0dB 1M

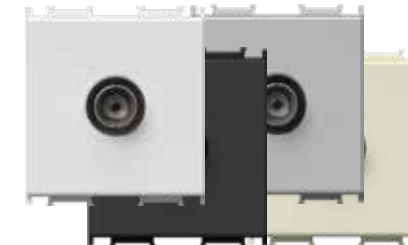


KM19PW  
 KM19SB  
 KM19ES  
 KM19IW

- R basic
- Reduction 0 dB
- Back connector - F standard



### Socket R Basic 0dB 2M

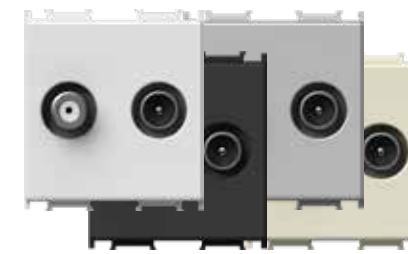


KM29PW  
 KM29SB  
 KM29ES  
 KM29IW

- R basic
- Reduction 0 dB
- Back connector - F standard



### Socket SAT-TV End-line 1dB 2M



KM25PW  
 KM25SB  
 KM25ES  
 KM25IW

- Frequency range 5 ÷ 2400 MHz
- Reduction < 1dB
- In accordance with EN 50083-1
- Screw contacts



Socket Audio 2xRCA 1M



- KM22PW
- KM22SB
- KM22ES
- KM22IW

- Audio 2x RCA
- Soldering connection of cable at the back side



Socket Audio Loudspeakers 1M



- KM23PW
- KM23SB
- KM23ES
- KM23IW

- Audio 2x Ø4mm
- To accommodate speaker wire, banana plug Ø4mm or spades
- Soldering connection of cable at the back side



Socket Audio Loudspeakers 2M

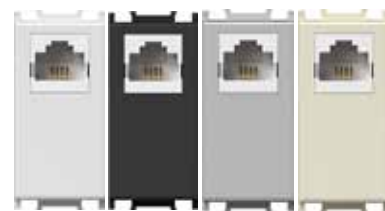


- KM26PW
- KM26SB
- KM26ES
- KM26IW

- Audio 2x Ø4mm
- To accommodate speaker wire, banana plug Ø4mm or spades
- Soldering connection of cable at the back side



Socket TEL LT RJ11 6/4 1M



- KM30PW
- KM30SB
- KM30ES
- KM30IW

- TEL LT Screw
- RJ11 6/4
- In accordance with IEC 60603-7
- Screw contacts



Socket CAT5e KS RJ45 8/8 1M



- KM37PW
- KM37SB
- KM37ES
- KM37IW

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



Socket USB Type A 1M



- KM51PW
- KM51SB
- KM51ES
- KM51IW

- USB 2.0 socket Type A
- Screw contacts, raster 5mm, 1.5mm², 1x2P + 1x3P
- In accordance with directive 2011/95/EU (RoHS2)



More connectors and communication accessories are available. Kindly enquire for more information.

## Rotative dimmer / 2Way RL 300W with integrated LED indication 1M



- EM12PW — Rotation control with 2-way switch
- EM12SB — Load RL, 40W-300W
- EM12ES — Supply voltage 230V ~ 50Hz
- EM12IW — 2-way switch combination is possible
- Screw contacts 1.5-2.5mm<sup>2</sup>



## Rotative dimmer / 2Way LED 60W 1M



- EM13PW — Rotation control with 2-way switch
- EM13SB — Loads: LED 0-60W (max 6 dimmable LED lamps) / GLS 0-60W
- EM13ES — Supply voltage 230V ~ 50Hz
- EM13IW — 2-way switch combination is possible
- Screw contacts 1.5-2.5mm<sup>2</sup>



## Rotative dimmer / 2Way LED 180W 1M



- EM14PW — Rotation control with 2-way switch
- EM14SB — Loads: LED 0-180W (max 20 dimmable LED lamps) / GLS 0-180W
- EM14ES — Supply voltage 230V ~ 50Hz
- EM14IW — 2-way switch combination is possible
- Screw contacts 1.5-2.5mm<sup>2</sup>

**Additional information:**

- 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

## Thermostat Basic with ECO functions 6A 230V~ 2M



- EM37PW
- EM37SB
- EM37ES
- EM37IW

- Electronic thermostat (to regulate temperature)
- Heating or cooling modes
- Safety functions against overheating and freezing
- Not suitable for electrical floor heating
- Screw contacts max. 2.5mm<sup>2</sup>



## Energy Saver Card Switch 3A 250V~ 3M



- EM40PW
- EM40SB
- EM40ES
- EM40IW

- Basic card switch
- Any ISO card
- Supply voltage 230V ~ 50Hz
- Output 3A 250V~ for switching contactor
- Switch off delay 15-20s
- Card is not included
- Not for access control



## Card ISO



EM47

- ISO Card
- For combination with card switch EM40
- Size: 85x54mm

## Socket Shaver 230V~ 3M



- EM60PW
- EM60SB
- EM60ES
- EM60IW

- Shaver supply unit with isolating transformer 20VA
- Supply: 230V~ 50-60Hz
- Output: 230V~ for 2P 2.5A
- In accordance with EN 61558-2-5





EM65PW

EM65SB

EM65ES

EM65IW

- For charging of electronic devices via a standard USB port
- Enables charging of two devices simultaneously
- Power supply: 230V~ 50Hz
- Stand-by power consumption: 50mW at 230V~
- Indoor use only





EM66PW

EM66SB

EM66ES

EM66IW

- For charging of electronic devices via a standard USB port
- Power supply: 100-230V~ 50/60Hz
- Stand-by power consumption: 30mW at 230V~
- Indoor use only





EM70PW

EM70SB

EM70ES

EM70IW

- Fingerprint switch with included internal relay unit
- For unlocking electrical locks
- Capacity: 1000 fingerprints
- Easy programming with two buttons
- Thermal biometric sensor
- Internal relay unit supply 110-230V~ 50-60Hz
- Output relay 2x3A 12V DC
- First 3 fingerprints enrolled are assigned administrative rights





EM95PW

EM95SB

EM95ES

EM95IW

- Volume control (attenuator) for 100V audio systems
- Power rating 35W (max. 45W), 6 steps volume control
- Suitable for boxes min. 60mm deep
- For indoor use only





EM96PW

EM96SB

EM96ES

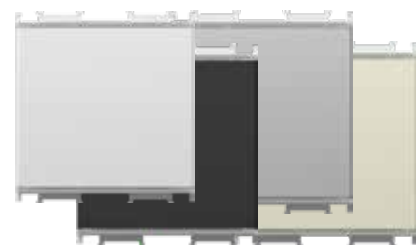
EM96IW

- Volume control (attenuator) for low voltage outputs 4-8 ohms, 35W
- Power rating 35W, 6 steps volume control
- Suitable for boxes min. 60mm deep
- For indoor use only



More electronic accessories are available.  
Kindly enquire for more information.

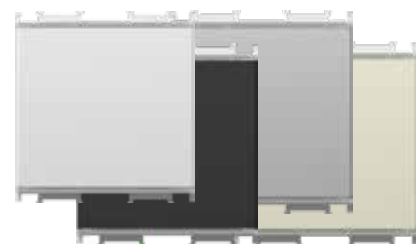
## TOUCH Switch / Dimmer Universal RLC 0-300W 2M



- EM25PW — Electronic dimmer for ON/OFF switching and dimming
- EM25SB — Automatic detection of lamp type and adjustment of operating mode
- EM25ES — Memorization of dimming level after switching off
- EM25IW — Can connect up to 5 additional controllers (EM26)
- Connection with 2-way switch is not possible



## Push button control unit 2M



- EM26PW — Connected to universal dimmer EM25 allows controlling of lamps with same functionality as EM25
- EM26SB — Supply voltage 230V ~ 50Hz
- EM26ES — Screw contacts 1.5mm<sup>2</sup> (max tightening torque 0.4Nm)
- EM26IW —



Adjustable light intensity

Different switch illumination colours



Kindly enquire for more information

# TOUCHLESS

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.



## TOUCHLESS Switch 10A 240V~



EM80GW

- Touchless switch for turning on/off
- Power supply: 240V~ 50Hz
- Adjustable range from 2 to 10cm
- Installation into a standard round Ø60mm box
- Connection with up to 5 EM81 control switches is possible
- Simple installation of decorative covers by means of magnets
- Only for indoor use



## TOUCHLESS Switch Control Unit



EM81GW

- Control switch
- Works only when connected with EM80 switch
- Simple installation of decorative covers by means of magnets
- Only for indoor use



## Antibacterial program

Switches and sockets are touched daily by many people, thus being a common place for the development and spread of bacteria.

Special antibacterial silver ions additive provides long-term and effective protection against the development and spread of bacteria, viruses, microbes, and fungi.

Antibacterial buttons, cover plates, and sockets are combined with classic mounting frames and switches.

The TEM Antibacterial protection series ensures hygiene, cleanliness, and health, thus making it suitable for use in environments with strict hygiene conditions, including:

- Hospitals
- Health centres
- Pharmaceutical facilities
- Nursing homes
- Laboratories
- Restaurants
- Hotels
- Child care centres
- Schools
- Other public spaces



hygiene  
cleanliness  
health

ekonomik®

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. A neutral, compact, elegant design is adjustable to every working or living area.



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

Visible elements can be easily taken apart to paint around.

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

Function elements

Switches with button

SE11

| type | description       | technical data |
|------|-------------------|----------------|
| SE11 | Push Button 1 Way | 10A 250V~      |

PW

| colour |
|--------|
| PW     |
| IW     |
| ES     |
| NB     |
| CO     |

IN

| optional data 1              |
|------------------------------|
| IN: Indicator<br>NT: Neutral |

50

| optional data 2 |
|-----------------|
| 50 51 03 04     |

Switch 1Way 10AX 250V~

|        |                                         |
|--------|-----------------------------------------|
| SE10PW | 10AX 250V~, type SE10                   |
| SE10IW | In accordance with EN 60669-1           |
| SE10ES | Plug-in contacts 1.5-2.5mm <sup>2</sup> |
| SE10NB |                                         |
| SE10CO |                                         |

Switch 1Way 10AX 250V~ IN

|          |                                         |
|----------|-----------------------------------------|
| SE10PWIN | IN Indicator                            |
| SE10IWIN | 10AX 250V~, type SE10                   |
| SE10ESIN | In accordance with EN 60669-1           |
| SE10NBIN | Plug-in contacts 1.5-2.5mm <sup>2</sup> |
| SE10COIN |                                         |

Push Button 1Way 10A 250V~

|        |                                         |
|--------|-----------------------------------------|
| SE11PW | 10A 250V~, type SE11                    |
| SE11IW | In accordance with EN 60669-1           |
| SE11ES | Plug-in contacts 1.5-2.5mm <sup>2</sup> |
| SE11NB |                                         |
| SE11CO |                                         |

Push Button 1Way 10A 250V~ TI 50

|            |                                         |
|------------|-----------------------------------------|
| SE11PWTI50 | TI 50 indicator bell + neon lamp        |
| SE11IWTI50 | 10A 250V~, type SE11                    |
| SE11ESTI50 | In accordance with EN 60669-1           |
| SE11NBTI50 | Plug-in contacts 1.5-2.5mm <sup>2</sup> |
| SE11COTI50 |                                         |

Push Button 1Way 10A 250V~ TI 51

|            |                                         |
|------------|-----------------------------------------|
| SE11PWTI51 | TI 51 indicator light + neon lamp       |
| SE11IWTI51 | 10A 250V~, type SE11                    |
| SE11ESTI51 | In accordance with EN 60669-1           |
| SE11NBTI51 | Plug-in contacts 1.5-2.5mm <sup>2</sup> |
| SE11COTI51 |                                         |

Push Button 1Way 10A 250V~ IL

|          |                                         |
|----------|-----------------------------------------|
| SE11PWIL | IL inscription plate                    |
| SE11IWIL | 10A 250V~, type SE11                    |
| SE11ESIL | In accordance with EN 60669-1           |
| SE11NBIL | Plug-in contacts 1.5-2.5mm <sup>2</sup> |
| SE11COIL |                                         |

### Switch 2Gang 1Way 10AX 250V~



SE50PW  
SE50IW  
SE50ES  
SE50NB  
SE50CO

- 10AX 250V~, type SE50
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>



### Push Button 2Gang 1Way 10A 250V~



SE51PW  
SE51IW  
SE51ES  
SE51NB  
SE51CO

- 10A 250V~, type SE51
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>



### Switch Shutters 10AX 250V~ NT 09



SE52PWNT09  
SE52IWNT09  
SE52ESNT09  
SE52NBNT09  
SE52CONT09

- NT 09 neutral up-down
- 10AX 250V~, type SE52
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>
- With mechanical interblock



### Push Button Shutters 10A 250V~ NT 09



SE53PWNT09  
SE53IWNT09  
SE53ESNT09  
SE53NBNT09  
SE53CONT09

- NT 09 neutral up-down
- 10A 250V~, type SE53
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>
- With mechanical interblock



### Switch 2Way 10AX 250V~



SE60PW  
SE60IW  
SE60ES  
SE60NB  
SE60CO

- 10AX 250V~, type SE60
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>



### Switch Double 2Way 10AX 250V~



SE63PW  
SE63IW  
SE63ES  
SE63NB  
SE63CO

- 10AX 250V~, type SE63
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>

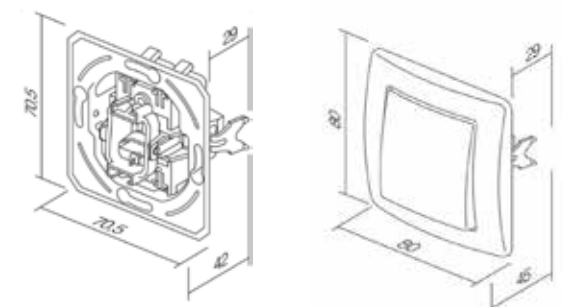


### Switch Intermediate 10AX 250V~



SE70PW  
SE70IW  
SE70ES  
SE70NB  
SE70CO

- 10AX 250V~, type SE70
- In accordance with EN 60669-1
- Plug-in contacts 1.5-2.5mm<sup>2</sup>



# Function elements

## Sockets



VE11

PW

PT

PP

type

colour

colour + transparent cover

colour + colour cover

VE10 Schuko  
VE11 Schuko + Cover

Polar White  
Soft Touch Black  
Elox Silver  
Ivory White

PW + transparent  
SB + transparent  
ES + transparent  
IW + transparent

PW + PW  
SB + SB  
ES + ES  
IW + IW

### Socket Schuko 2P+E 16A 250V~



VE10PW  
VE10IW  
VE10ES  
VE10NB  
VE10CO

- 16A 250V~, type VE10
- 2P+E Schuko
- Screw contacts 1.5-2.5mm<sup>2</sup>



### Socket Schuko + Cover 2P+E 16A 250V~



VE11PT  
VE11IT  
VE11ST  
VE11BT  
VE11CT

- 16A 250V~, type VE11
- 2P+E Schuko + cover
- Screw contacts 1.5-2.5mm<sup>2</sup>



### Socket Schuko Double 2P+E 16A 250V~

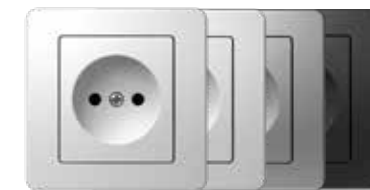


VE16PWKS  
VE16IWKS  
VE16ESKS  
VE16NBKS

- 16A 250V~, type VE16
- 2P+E Schuko double
- In accordance with IEC 60884-1, CEE7
- Screw contacts 1.5-2.5mm<sup>2</sup>
- KS build-in child protection - shuttered live contacts



### Socket 2P 16A 250V~



VE30PW  
VE30IW  
VE30ES  
VE30NB

- 16A 250V~
- 2P without earthing contact
- In accordance with EN 60884-1, CEE7
- Screw contacts 1.5-2.5mm<sup>2</sup>



## Function elements

## Communications

### Socket TV basic OdB



KE10PW  
KE10IW  
KE10ES  
KE10NB  
KE10CO

- TV basic
- Reduction OdB
- Back connector - F standard



### Socket Audio 2xRCA



KE22PW  
KE22IW  
KE22ES  
KE22NB  
KE22CO

- Audio 2xRCA
- Soldering connection of cable



### Socket Audio Loudspeakers



KE23PW  
KE23IW  
KE23ES  
KE23NB  
KE23CO

- Audio 2x Ø4mm
- To accommodate speaker wire, banana plug Ø4mm or spades
- Soldering connection of cable at the back side



More connection accessories are available.

## Function elements

## Electronics

### Rotative Dimmer 2Way RL 400W



EE15PW  
EE15IW  
EE15ES  
EE15NB  
EE15CO

- Load RL, 40W-400W
- 2-way switch combination is possible
- More dimmers combination is not allowed
- Plug-in contacts 1.5mm<sup>2</sup>
- Supply 230V~ 50Hz
- Replaceable fuse included



### Rotative Dimmer 2Way RLC 400W



EE16PW  
EE16IW  
EE16ES  
EE16NB  
EE16CO

- Load RLC, 20W-400W
- 2-way switch combination is possible
- More dimmers combination is not allowed
- Plug-in contacts 1.5mm<sup>2</sup>
- Supply 230V~ 50Hz
- Electronic fuse



### Rotative Dimmer 2Way LED 100W



EE19PW  
EE19IW  
EE19ES  
EE19NB  
EE19CO

- Load: LED, 0-100W (max. 10 LEDs)
- Load: GLS, 10-250W
- 2-way switch combination is possible
- More dimmers combination not allowed
- Plug-in contacts 1.5mm<sup>2</sup>
- Supply 230V~ 50Hz
- Replaceable fuse included



More electronics accessories are available.

Surround Ekonomik 1-gang



- |        |        |
|--------|--------|
| OE10PW | OE10ES |
| OE10IW | OE10NB |
|        | OE10CO |

Surround Ekonomik 2-gang Horizontal



- |        |        |
|--------|--------|
| OE20PW | OE20ES |
| OE20IW | OE20NB |
|        | OE20CO |

Surround Ekonomik 3-gang Horizontal



- |        |        |
|--------|--------|
| OE30PW | OE30ES |
| OE30IW | OE30NB |
|        | OE30CO |

Surround Ekonomik 4-gang Horizontal



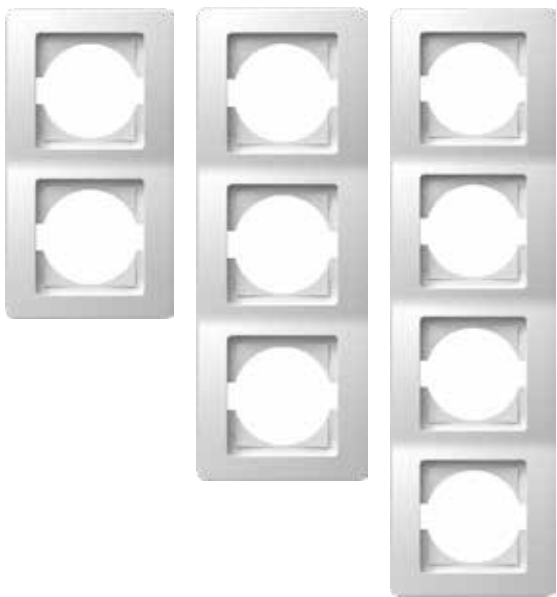
- |        |        |
|--------|--------|
| OE40PW | OE40ES |
| OE40IW | OE40NB |

Surround Ekonomik 5-gang Horizontal



- |        |        |
|--------|--------|
| OE50PW | OE50ES |
| OE50IW | OE50NB |

Surround Ekonomik 2-gang Vertical



- |        |        |
|--------|--------|
| OE21PW | OE21ES |
| OE21IW | OE21NB |
|        | OE21CO |

Surround Ekonomik 3-gang Vertical

- |        |        |
|--------|--------|
| OE31PW | OE31ES |
| OE31IW | OE31NB |
|        | OE31CO |

Surround Ekonomik 4-gang Vertical

- |        |        |
|--------|--------|
| OE41PW | OE41ES |
| OE41IW | OE41NB |

Colour Decorative Frames



- |        |        |        |           |
|--------|--------|--------|-----------|
| OE90GR | Green  | OE90GY | Grey      |
| OE90BL | Blue   | OE90BK | Black     |
| OE90VO | Violet | OE90BR | Brown     |
| OE90PI | Pink   | OE90MB | Met. Blue |
| OE90RD | Red    | OE90BZ | Bronze    |
| OE90YL | Yellow | OE90CR | Silver    |
| OE90WH | White  | OE90GO | Gold      |

