

Beauty is in details...



2016



METALKA
MAJUR

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The company Metalka Majur was founded in 1986. For almost three decades of work it has developed from a small craft workshop into modern European company which employs 150 workers with constant tendency of growth and development.

Running a successful business, continuous quality improvement of both products and working processes, extension of product range and introduction of new products into market, as well as innovative and modern product design make Metalka Majur recognizable on the market.

Metalka Majur is a market leader in production of electrical installation material in four markets of South-East Europe. Products from Metalka Majur product range are present on many European markets (Russia, Kazakhstan, Latvia, Sweden, Island, France, Slovakia, Czech Republic, Greece, Hungary, Bulgaria, Romania, Croatia, Slovenia, Bosnia and Herzegovina, Macedonia, and Montenegro). Furthermore, we are continuously striving to win some new markets as well, which is one of the most important strategic goals in further growth and development of the company.

Production range of Metalka Majur can be divided in several groups:

-Switches and socket-outlets for flush assembling (Status, Premijer plus, Royal, Emporio, Royal Exclusive, Happy)

-Switches and socket-outlets for surface assembling (Set Q OG, mini OG)

-Modular program of switches and socket-outlets (Kombo)

- Modular LED lighting (KOMBO LED)

- Distribution panels for MCBs

- Junction boxes

- Portable socket outlets

- Electrical accessories

Metalka Majur's vision is to be the most important regional company in South-East Europe, operationally exceptional, long-lasting, profitable and recognizable with respect to its superb design and European quality standards. Mission of Metalka Majur is contained in the quality and beauty of detail which serve to the customer to trigger his sources of energy, heat and light.

Beauty is in details...

Standards represent technical language which is used in business for production of goods, providing services and creation of system. Economical cooperation with European Union is possible only with acceptance of technical requirements of its internal market. Technical regulations, directives and European standards dictate the requirements concerning safety aspects of products and impose their fulfillment on the producer. Concept of "Quality" has become a general concern of European Union. The goal is to make producers offer only high quality products and services on the European Union market.

By applying European standards in complete process of making products, Metalka Majur has obtained a good starting position for competing on the European market. As the confirmation of quality, there are many quality certificates issued by European certification bodies: GOST (Russia), Croatia (Koncar Institute and ZIK) and Serbia (Institute for Nuclear Sciences Vinca).

Quality, stability and reliability of products which meet the adequate European standards have created the base for making profit and visions of long term business success. Metalka Majuris management is determined in applying strategy and quality policy which are orientated towards continuous increase of customers' satisfaction, improvement of product quality, launching new products, introduction of new technologies and professional training and education of the employees. Although we live in environment where the relation between quantitative and qualitative requirements has been out of balance, position of Metalka Majur on market has proved that this strategy has been applied on a high level, which makes both customers and company's employees satisfied.



Results of putting development of Metalka Majur in function of creating high quality products are signs of quality:



Serbian mark of conformity;

Quality mark confirmed the institute "Rostest", Russia;

Quality mark confirmed in the Department of quality testing ZIK and Electrical Engineering Institute Kon ar, Croatia;

CE mark on a product means that the product meets requirements of EU directives and that it undergoes procedures of compliance controls.

Quality system certificates (YUQS, IQNet) confirm the repeatability of quality.



ISO 9001



One of the results of our dedication to quality is the award The best from Serbia which Metalka Majur received in 2005 and 2008, which promotes the best Serbian brands based on financial and market results, business growth and consumers' perception. Metalka Majur has acquired the right to promote its products all over the world through the slogan The best from Serbia, which makes a special honor for us, but also obligation to keep our excellence in the future, as well.



PREMIJER PLUS



- Recognizable design of rounded lines
- Easily fits into different types of interior
- Protection level: IP 20
- Economical solution- best relationship of quality and price
- Complete range of products
- Long tradition
- Quality mechanism guarantees a long operating life
- Switches are made with screw and screwless connection

Production program Premijer Plus has been present on the market for 15 years. It has become the most sold program of electrical installation material in Balkan region. In the same time Premijer Plus has made Metalka Majur famous producer in this field and contributed to fast growth of the company.

The recognizable round design of the button has found its application primarily for the first mounting, as the best combination of quality, product range and design which nicely and easily fits into different premises – from the ordinary to the luxurious ones. Since 2004 Premijer Plus has new subassemblies which has considerably improved the quality.

However, the design has remained unchanged and it still successfully lasts.





Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.050 (ceramic body)
11.01.051 (polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.052 (polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection, red
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.12.052 (polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection, green
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.14.052 (polycarbonate body)

Pack:
20 pcs.



Two-circuit switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.004 (screwless connection)
11.01.024 (connection with screws)
16AX/250V
11.01.624 (connection with screws)

Pack:
20 pcs.



Two-circuit switch
with pilot lights
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.019 (screwless connection)
11.01.039 (connection with screws)
16AX/250V
11.01.639 (connection with screws)

Pack:
20 pcs.



Two-way switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.005 (screwless connection)
11.01.025 (connection with screws)
16AX/250V
11.01.625 (connection with screws)

Pack:
20 pcs.



Intermediate switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.006 (screwless connection)
11.01.026 (connection with screws)
16AX/250V
11.01.626 (connection with screws)

Pack:
20 pcs.



Two-pole socket-outlet
with protection, orange
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.04.052 (polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with cover
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.058 (ceramic body)
11.01.053 (polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with cover and protection
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.054 (polycarbonate body)

Pack:
20 pcs.



Double two-pole
Socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.057 (ceramic body)
11.01.055 (polycarbonate body)

Pack:
12 pcs.



Double-pole switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.002 (screwless connection)
11.01.022 (connection with screws)
16AX/250V
11.01.622 (connection with screws)

Pack:
20 pcs.



Three-pole switch
IEC 60669-1, IP 20

Article No.:
10A/250V
11.01.003 (screwless connection)
11.01.023 (connection with screws)
16A/250V
11.01.623 (connection with screws)

Pack:
20 pcs.



Two-way double-pole
switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.008 (screwless connection)
11.01.028 (connection with screws)
16AX/250V
11.01.628 (connection with screws)

Pack:
20 pcs.



Double two-way switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.009 (screwless connection)
11.01.029 (connection with screws)
16AX/250V
11.01.629 (connection with screws)

Pack:
20 pcs..



Double two-pole
socket-outlet with protection
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.056 (polycarbonate body)

Pack:
12 pcs.



Three-pole socket-outlet
IEC 60884-1, CEE7
16A/440V; IP 20

Article No.:
11.01.059 (ceramic body)

Pack:
16 pcs.



Single-pole switch
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.001 (screwless connection)
11.01.021 (connection with screws)
16AX/250V
11.01.621 (connection with screws)

Pack:
20 pcs.



Single-pole switch
With pilot light
IEC 60669-1, IP 20

Article No.:
10AX/250V
11.01.007 (screwless connection)
11.01.027 (connection with screws)
16AX/250V
11.01.627 (connection with screws)

Pack:
20 pcs.



Light push-button
IEC 60669-1, IP 20

Article No.:
10A/250V
11.01.011 (screwless connection)
11.01.031 (connection with screws)
16A/250V
11.01.631 (connection with screws)

Pack:
20 pcs.



Light push-button
with pilot light
IEC 60669-1, IP 20

Article No.:
10A/250V
11.01.013 (screwless connection)
11.01.033 (connection with screws)
16A/250V
11.01.633 (connection with screws)

Pack:
20 pcs.



Bell push-button
IEC 60669-1, IP 20

Article No.:
10A/250V
11.01.010 (screwless connection)
11.01.030 (connection with screws)
16A/250V
11.01.630 (connection with screws)

Pack:
20 pcs.



Bell push-button
with pilot light
IEC 60669-1, IP 20

Article No.:
10A/250V
11.01.012 (screwless connection)
11.01.032 (connection with screws)
16A/250V
11.01.632 (connection with screws)

Pack:
20 pcs.



Push-button with illuminated label IEC 60669-1, IP 20

Article No.: 10A/250V 11.01.017 (screwless connection) 11.01.037 (connection with screws) 16A/250V 11.01.637 (connection with screws)
Pack: 20 pcs.



SOS push-button with pilot light IEC 60669-1, IP 20

Article No.: 10A/250V 11.01.015 (screwless connection) 11.01.035 (connection with screws) 16A/250V 11.01.635 (connection with screws)
Pack: 20 pcs.



Blind control button IEC 60669-1, IP 20

Article No.: 10A/250V 11.01.018 (screwless connection) 11.01.038 (connection with screws) 16A/250V 11.01.638 (connection with screws)
Pack: 20 pcs.



Telephone socket RJ12 6/4 with one module 623K IP 20

Article No.: 11.01.071
Pack: 24 pcs.



SOS push-button cord operated IEC 60669-1; IP 20

Article No.: 10A/250V 11.01.020 (screwless connection) 11.01.040 (connection with screws)
Pack: 20 pcs.



Telephone socket RJ12 6/4 with two modules 623K IP 20

Article No.: 11.01.072
Pack: 24 pcs.



Communication socket RJ45 8/8 with one module Cat6 IP 20

Article No.: 11.01.077
Pack: 24 pcs.



Communication socket RJ45 8/8 with two modules Cat6 IP 20

Article No.: 11.01.078
Pack: 24 pcs.



Radio / TV / SAT aerial socket with electronic subassembly IEC 169-2; CEI EN 50083-1,-2,-4; Connection: aerial connector IP 20

Article No.: 11.01.084 (terminal)
Pack: 24 pcs.



Horizontal bathroom switch IEC 60669-1; IP 20 16AX/250V

Article No.: 11.01.095 Pack: 7 pcs.



TV aerial socket with one module IEC 169-2; CEI EN 50083-1, -2, -4; Connection: aerial connector IP 20

Article No.: 11.01.088 (feed through) 11.01.090 (terminal)
Pack: 24 pcs.



TV aerial socket with two modules IEC 169-2; CEI EN 50083-1, -2, -4; Connection: aerial connector IP 20

Article No.: 11.01.092 (feed through & terminal) 11.01.091 (terminal)
Pack: 24 pcs.



Dimmer switch with potentiometer (Only for incandescent bulbs and halogen bulbs 230V~) IP 20

Article No.: 11.01.042 (230V; 60-550W) 11.01.142 (230V; 60-400W)
Pack: 24 pcs.



Single-pole switch with tumbler switch and pilot light IEC 60669-1, IP 20

Article No.: 16AX/250V 11.01.045 (ceramic body)
Pack: 16 pcs.



Vertical bathroom switch IEC 60669-1; IP 20 Switch: 10AX/250V Tumbler switches: 16AX/250V

Article No.: 11.01.096
Pack: 7 pcs.



Vertical bathroom switch with two-circuit switch IEC 60669-1; IP 20 Switches: 10AX/250V Tumbler switches: 16AX/250V

Article No.: 11.01.097
Pack: 7 pcs.



Vertical bathroom switch with two-circuit switch and pilot lights IEC 60669-1; IP 20 Switches: 10AX/250V Tumbler switches: 16AX/250V

Article No.: 11.01.099
Pack: 7 pcs.



Vertical bathroom switch with two-pole socket-outlet IEC 60669-1; IP 20 Two-pole socket-outlet: 16A/250V (ceramic body) Tumbler switches: 16AX/250V

Article No.: 11.01.098
Pack: 7 pcs.





Two-pole socket-outlet
"F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.061
(Polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.062
(Polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with cover "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.067
(Polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with cover and protection
"F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.079
(Polycarbonate body)

Pack:
20 pcs.



Double two-pole
socket-outlet "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.065
(Polycarbonate body)

Pack:
12 pcs.



Double two-pole
socket-outlet with protection
"F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
11.01.066
(Polycarbonate body)

Pack:
12 pcs.

PREMIJER PLUS

In the Premier Plus program the same frame is used for horizontal or vertical mounting, while in other programs the frames (due to product design) are different for horizontal and vertical mounting.
The use of multiple decorative frames includes previously mounted in-line mounting boxes (in catalogue item number 05.00.001 under "Distribution boxes"), because it is necessary to achieve 71 mm distance between products. After this, mounting of products into multiple frame is easy and simple. Furthermore, thus mounted products leave much better visual effect than several individual products.
The mounting of Premier Plus multiple decorative frames requires individual products and multiple frame. The outer part of the decorative frame is dismounted from individual products, while the intermediate frame and button (or cover of the socket-outlet, depending on product) are mounted into multiple frame together with the sub-assembly.



Five-set decorative frame
(horizontal and vertical)

Article No.:
11.01.357

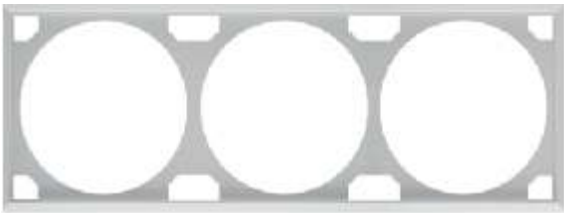
Pack:
10 pcs.



Quadruple decorative frame
(horizontal and vertical)

Article No.:
11.01.356

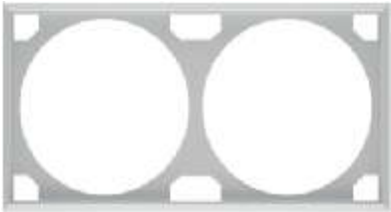
Pack:
10 pcs.



Triple decorative frame
(horizontal and vertical)

Article No.:
11.01.355

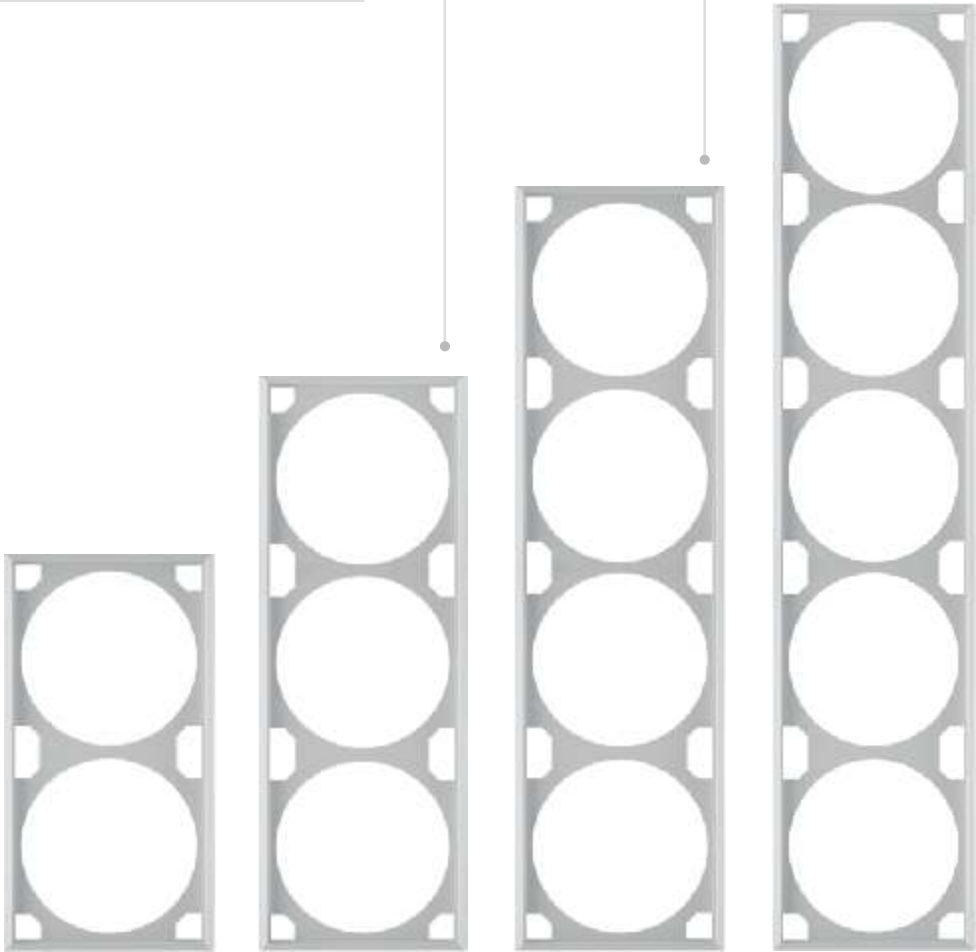
Pack:
20 pcs.



Double decorative frame
(horizontal and vertical)

Article No.:
11.01.354

Pack:
30 pcs.



Status



- High quality
- Simple and fast assembly
- Protection level: IP 20
- Complete range of products
- Multiple frames for mounting of 2 to 5 products together
- Manufactured in line with European standards
- Possibility to personalize - decorative frames in different colours
- Switches are made with screw and screwless connection

Status has been the most sold Metalka Majur's program for two years both on domestic and export markets. In very short time, since its sale started in 2005, Status has positioned itself as a logic choice of great number of users.

Status has been designed as a modern program, characterized by sharp lines and modern design. The quality has been based on long lasting experience and acceptance of European standards.

It has also been confirmed by many international certificates issued by renowned institutes in charge of product quality certification.

The additional advantage which gives possibility of matching the Status program with the colors of the walls and other details of the interiors is changing mounting frames in different colors.





Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.050 (ceramic body)
14.01.051
(polycarbonate body)
Two-pole socket-outlet
"Ekonomik"
Article No.:
14.01.074
(polycarbonate body)
Pack:
20 pcs.



Two-pole socket-outlet
with protection
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.052
(polycarbonate body)
Pack:
20 pcs.



Two-pole socket-outlet
with protection, red
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.12.052
(polycarbonate body)
Pack:
20 pcs.



Two-pole socket-outlet
with protection, green
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.14.052
(polycarbonate body)
Pack:
20 pcs.



Single-pole switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.001 (screwless connection)
14.01.021 (connection with screws)
16AX/250V
14.01.621 (connection with screws)
Pack:
20 pcs.



Single-pole switch
with pilot light
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.007 (screwless connection)
14.01.027 (connection with screws)
16AX/250V
14.01.627 (connection with screws)
Pack:
20 pcs.



Two-circuit switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.004 (screwless connection)
14.01.024 (connection with screws)
16AX/250V
14.01.624 (connection with screws)
Pack:
20 pcs.



Two-circuit switch
with pilot lights
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.019 (screwless connection)
14.01.039 (connection with screws)
16AX/250V
14.01.639 (connection with screws)
Pack:
20 pcs.



Two-pole socket-outlet
with protection, orange
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.04.052
(polycarbonate body)
Pack:
20 pcs.



Two-pole socket-outlet
with cover
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.058
(ceramic body)
14.01.053
(polycarbonate body)
Pack:
20 pcs.



Two-pole socket-outlet
with transparent cover
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.068
(ceramic body)
14.01.063
(polycarbonate body)
Pack:
20 pcs.



Two-pole socket-outlet
with cover and protection
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.054
(polycarbonate body)
Pack:
20 pcs.



Two-way switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.005 (screwless connection)
14.01.025 (connection with screws)
16AX/250V
14.01.625 (connection with screws)
Pack:
20 pcs.



Intermediate switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.006 (screwless connection)
14.01.026 (connection with screws)
16AX/250V
14.01.626 (connection with screws)
Pack:
20 pcs.



Double-pole switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.002 (screwless connection)
14.01.022 (connection with screws)
16AX/250V
14.01.622 (connection with screws)
Pack:
20 pcs.



Three-pole switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.003 (screwless connection)
14.01.023 (connection with screws)
16AX/250V
14.01.623 (connection with screws)
Pack:
20 pcs.



Two-pole socket-outlet
with transparent cover and
protection
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.064
(polycarbonate body)
Pack:
20 pcs.



Double two-pole
socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.057
(ceramic body)
14.01.055
(polycarbonate body)
Pack:
12 pcs.



Double two-pole
socket-outlet with protection
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
14.01.056
(polycarbonate body)
Pack:
12 pcs.



Three-pole socket-outlet
IEC 60884-1, CEE7
16A/440V; IP 20
Article No.:
14.01.059
(ceramic body)
Pack:
12 pcs.



Two-way double-pole
switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.008 (screwless connection)
14.01.028 (connection with screws)
16AX/250V
14.01.628 (connection with screws)
Pack:
20 pcs.



Double two-way switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.009 (screwless connection)
14.01.029 (connection with screws)
16AX/250V
14.01.629 (connection with screws)
Pack:
20 pcs.



Light push-button
IEC 60669-1, IP 20
Article No.:
10A/250V
14.01.011 (screwless connection)
14.01.031 (connection with screws)
16A/250V
14.01.631 (connection with screws)
Pack:
20 pcs.



Light push-button
with pilot light
IEC 60669-1, IP 20
Article No.:
10A/250V
14.01.013 (screwless connection)
14.01.033 (connection with screws)
16A/250V
14.01.633 (connection with screws)
Pack:
20 pcs.



Bell push-button
IEC 60669-1, IP 20

Article No.:
10A/250V
14.01.010 (screwless connection)
14.01.030 (connection with screws)
16A/250V
14.01.630 (connection with screws)

Pack:
20 pcs.



Bell push-button
with pilot light
IEC 60669-1, IP 20

Article No.:
10A/250V
14.01.012 (screwless connection)
14.01.032 (connection with screws)
16A/250V
14.01.632 (connection with screws)

Pack:
20 pcs.



Push-button
with illuminated label
IEC 60669-1, IP 20

Article No.:
10A/250V
14.01.017 (screwless connection)
14.01.037 (connection with screws)
16A/250V
14.01.637 (connection with screws)

Pack:
20 pcs.



SOS push-button with
pilot light
IEC 60669-1, IP 20

Article No.:
10A/250V
14.01.015 (screwless connection)
14.01.035 (connection with screws)
16A/250V
14.01.635 (connection with screws)

Pack:
20 pcs.



SOS push-button cord
operated
IEC 60669-1; IP 20

Article No.:
10A/250V
14.01.020 (screwless connection)
14.01.040 (connection with screws)

Pack:
20 pcs.



Single-pole switch with
tumbler switch and
pilot light
IEC 60669-1, IP 20

Article No.:
16AX/250V
14.01.045 (ceramic body)

Pack:
20 pcs.



Blind control button
IEC 60669-1, IP 20

Article No.:
10A/250V
14.01.018 (screwless connection)
14.01.038 (connection with screws)
16A/250V
14.01.638 (connection with screws)

Pack:
20 pcs.



Telephone socket RJ12 6/4
with one module 623K
IP 20

Article No.:
14.01.071

Pack:
24 pcs.



Telephone socket RJ12 6/4
with two modules 623K
IP 20

Article No.:
14.01.072

Pack:
24 pcs.



Communication socket
RJ45 8/8 with one module
Cat6
IP 20

Article No.:
14.01.077

Pack:
24 pcs.



Horizontal bathroom switch
IEC 60669-1; IP 20
16AX/250V

Article No.: 14.01.095 Pack: 7 pcs.



Communication socket
RJ45 8/8 with two modules
Cat6
IP 20

Article No.:
14.01.078

Pack:
24 pcs.



TV aerial socket
with one module
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
14.01.088 (feed through)
14.01.090 (terminal)

Pack:
24 pcs.



TV aerial socket
with two modules
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
14.01.092 (feed through & terminal)
14.01.091 (terminal)

Pack:
24 pcs.



Dimmer switch
with potentiometer
(Only for incandescent bulbs
and halogen bulbs 230V~.)

Article No.:
14.01.042 (230V; 60-550W)
14.01.142 (230V; 60-400W)

Pack:
16 pcs.



Vertical bathroom switch
IEC 60669-1; IP 20
Switch: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
14.01.096

Pack:
7 pcs.



Vertical bathroom switch
with two-circuit switch
IEC 60669-1; IP 20
Switches: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
14.01.097

Pack:
7 pcs.



Vertical bathroom switch
with two-circuit switch
and pilot lights
IEC 60669-1; IP 20
Switches: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
14.01.099

Pack:
7 pcs.



Vertical bathroom switch
with two-pole socket-outlet
IEC 60669-1; IP 20
Two-pole socket-outlet:
16A/250V (ceramic body)
Tumbler switches: 16AX/250V

Article No.:
14.01.098

Pack:
7 pcs.



Five-set decorative frame - horizontal

Article No.:
14.01.364

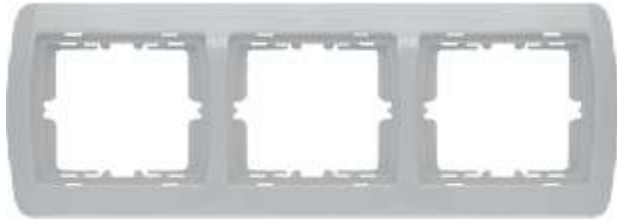
Pack:
10 pcs.



Quadruple decorative frame - horizontal

Article No.:
14.01.363

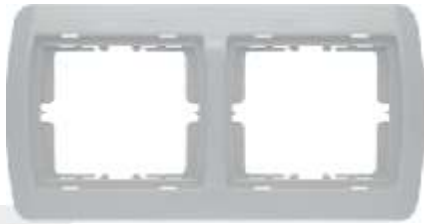
Pack:
10 pcs.



Triple decorative frame - horizontal

Article No.:
14.01.362

Pack:
20 pcs.



Double decorative frame - horizontal

Article No.:
14.01.361

Pack:
30 pcs.



Five-set decorative frame - vertical

Article No.:
14.01.368

Pack:
10 pcs.



Quadruple decorative frame - vertical

Article No.:
14.01.367

Pack:
10 pcs.



Triple decorative frame - vertical

Article No.:
14.01.366


Pack:
20 pcs.



Double decorative frame - vertical

Article No.:
14.01.365

Pack:
30 pcs.

 **Mounting instructions**
on page

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Two-pole socket-outlet
"F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.061
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.062
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with cover "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.067
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with cover and protection
"F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.079
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with
transparent cover and protection
"F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.074
(polycarbonate body)

Pack:
20 pcs.



Double two-pole
socket-outlet "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.065
(polycarbonate body)

Pack:
12 pcs.



Double two-pole socket-outlet
with protection "F" type
(French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
14.01.066
(polycarbonate body)

Pack:
12 pcs.



	For basic articles	Pack.	For double two-pole socket-outlet	Pack.	For three-pole socket-outlet	Pack.	For horizontal bathroom switch	Pack.	For vertical bathroom switch	Pack.
Grey	14.02.352	5 / 240	14.02.355	5 / 200	14.02.359	5 / 240	14.02.395	5 / 160	14.02.396	5 / 105
Light grey	14.03.352	5 / 240	14.03.355	5 / 200	14.03.359	5 / 240	14.03.395	5 / 160	14.03.396	5 / 105
Cream	14.05.352	5 / 240	14.05.355	5 / 200	14.05.359	5 / 240	14.05.395	5 / 160	14.05.396	5 / 105
Dark red	14.06.352	5 / 240	14.06.355	5 / 200	14.06.359	5 / 240	14.06.395	5 / 160	14.06.396	5 / 105
Blue	14.07.352	5 / 240	14.07.355	5 / 200	14.07.359	5 / 240	14.07.395	5 / 160	14.07.396	5 / 105
Dark blue	14.08.352	5 / 240	14.08.355	5 / 200	14.08.359	5 / 240	14.08.395	5 / 160	14.08.396	5 / 105
Yellow	14.09.352	5 / 240	14.09.355	5 / 200	14.09.359	5 / 240	14.09.395	5 / 160	14.09.396	5 / 105
Light green	14.10.352	5 / 240	14.10.355	5 / 200	14.10.359	5 / 240	14.10.395	5 / 160	14.10.396	5 / 105

ROYAL



- High quality mechanism of switches and sockets
- Protection level: IP 20
- Attractive design with curved surfaces
- Decorative frames in different colours
- Multiple frames for mounting of 2 to 5 products together
- Complete range of products
- Possibility of choice sockets with a body made of ceramic and polycarbonate
- Switches are made with screw and screwless connection

Modern design, round form and wide range of colors of mounting frames are main characteristics of the Royal program.

Additional advantage of the Royal program is wide range of products which includes different models of sockets, switches, buttons, bathroom switches and communication switches.

The idea has been to make the program which will offer everything what a customer needs. Decorative frames can be changed and mounted in different colors, which additionally emphasizes color as an element to be matched with the color of the interior.

This program also offers multiple frames in different colors, for mounting from 2 to 5 products in a common frame, which makes the offer even more attractive.





Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.050 (ceramic body)
15.01.051
(polycarbonate body)
**Two-pole socket-outlet
"Ekonomik"**
Article No.:
15.01.074
(Polycarbonate body)
Pack:
20 pcs.



**Two-pole socket-outlet
with protection**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.052
(polycarbonate body)
Pack:
20 pcs.



**Two-pole socket-outlet
with protection, red**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.12.052
(polycarbonate body)
Pack:
20 pcs.



**Two-pole socket-outlet
with protection, green**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.14.052
(polycarbonate body)
Pack:
20 pcs.



Single-pole switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.001 (screwless connection)
15.01.021 (connection with screws)
16AX/250V
15.01.621 (connection with screws)
Pack:
20 pcs.



**Single-pole switch
with pilot light**
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.007 (screwless connection)
15.01.027 (connection with screws)
16AX/250V
15.01.627 (connection with screws)
Pack:
20 pcs.



Two-circuit switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.004 (screwless connection)
15.01.024 (connection with screws)
16AX/250V
15.01.624 (connection with screws)
Pack:
20 pcs.



**Two-circuit switch
with pilot lights**
IEC 60669-1, IP 20
Article No.:
10AX/250V
14.01.019 (screwless connection)
14.01.039 (connection with screws)
16AX/250V
14.01.639 (connection with screws)
Pack:
20 pcs.



**Two-pole socket-outlet
with protection, orange**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.04.052
(polycarbonate body)
Pack:
20 pcs.



**Two-pole socket-outlet
with cover**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.058
(ceramic body)
15.01.053
(polycarbonate body)
Pack:
20 pcs.



**Two-pole socket-outlet
with transparent cover**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.068
(ceramic body)
15.01.063
(polycarbonate body)
Pack:
20 pcs.



**Two-pole socket-outlet
with cover and protection**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.054
(polycarbonate body)
Pack:
20 pcs.



Two-way switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.005 (screwless connection)
15.01.025 (connection with screws)
16AX/250V
15.01.625 (connection with screws)
Pack:
20 pcs.



Intermediate switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.006 (screwless connection)
15.01.026 (connection with screws)
16AX/250V
15.01.626 (connection with screws)
Pack:
20 pcs.



Double-pole switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.002 (screwless connection)
15.01.022 (connection with screws)
16AX/250V
15.01.622 (connection with screws)
Pack:
20 pcs.



Three-pole switch
IEC 60669-1, IP 20
Article No.:
10A/250V
15.01.003 (screwless connection)
15.01.023 (connection with screws)
16A/250V
15.01.623 (connection with screws)
Pack:
20 pcs.



**Two-pole socket-outlet
with transparent cover and
protection**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.064
(polycarbonate body)
Pack:
20 pcs.



**Double two-pole
socket-outlet**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.057
(ceramic body)
15.01.055
(polycarbonate body)
Pack:
12 pcs.



**Double two-pole
socket-outlet with protection**
IEC 60884-1, CEE7
16A/250V; IP 20
Article No.:
15.01.056
(polycarbonate body)
Pack:
12 pcs.



Three-pole socket-outlet
IEC 60884-1, CEE7
16A/440V; IP 20
Article No.:
15.01.059
(ceramic body)
Pack:
16 pcs.



**Two-way double-pole
switch**
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.008 (screwless connection)
15.01.028 (connection with screws)
16AX/250V
15.01.628 (connection with screws)
Pack:
20 pcs.



Double two-way switch
IEC 60669-1, IP 20
Article No.:
10AX/250V
15.01.009 (screwless connection)
15.01.029 (connection with screws)
16AX/250V
15.01.629 (connection with screws)
Pack:
20 pcs.



Light push-button
IEC 60669-1, IP 20
Article No.:
10A/250V
15.01.011 (screwless connection)
15.01.031 (connection with screws)
16A/250V
15.01.631 (connection with screws)
Pack:
20 pcs.



**Light push-button
with pilot light**
IEC 60669-1, IP 20
Article No.:
10A/250V
15.01.013 (screwless connection)
15.01.033 (connection with screws)
16A/250V
15.01.633 (connection with screws)
Pack:
20 pcs.



Bell push-button
IEC 60669-1, IP 20

Article No.:
10A/250V
15.01.010 (screwless connection)
15.01.030 (connection with screws)
16A/250V
15.01.630 (connection with screws)

Pack:
20 pcs.



Bell push-button with pilot light
IEC 60669-1, IP 20

Article No.:
10A/250V
15.01.012 (screwless connection)
15.01.032 (connection with screws)
16A/250V
15.01.632 (connection with screws)

Pack:
20 pcs.



Push-button with illuminated label
IEC 60669-1, IP 20

Article No.:
10A/250V
15.01.017 (screwless connection)
15.01.037 (connection with screws)
16A/250V
15.01.637 (connection with screws)

Pack:
20 pcs.



SOS push-button with pilot light
IEC 60669-1, IP 20

Article No.:
10A/250V
15.01.015 (screwless connection)
15.01.035 (connection with screws)
16A/250V
15.01.635 (connection with screws)

Pack:
20 pcs.



SOS push-button cord operated
IEC 60669-1, IP 20

Article No.:
10A/250V
15.01.020 (screwless connection)
15.01.040 (connection with screws)

Pack:
20 pcs.



Single-pole switch with tumbler switch and pilot light
IEC 60669-1, IP 20

Article No.:
16AX/250V
15.01.045 (ceramic body)

Pack:
20 pcs.



Horizontal bathroom switch
IEC 60669-1, IP 20
16AX/250V

Article No.:
15.01.095

Pack:
7 pcs.



Blind control button
IEC 60669-1, IP 20

Article No.:
10A/250V
15.01.018 (screwless connection)
15.01.038 (connection with screws)
16A/250V
15.01.638 (connection with screws)

Pack:
20 pcs.



Telephone socket RJ12 6/4 with one module 623K
IP 20

Article No.:
15.01.071

Pack:
24 pcs.



Telephone socket RJ12 6/4 with two modules 623K
IP 20

Article No.:
15.01.072

Pack:
24 pcs.



Communication socket RJ45 8/8 with one module Cat6
IP 20

Article No.:
15.01.077

Pack:
24 pcs.



Vertical bathroom switch
IEC 60669-1, IP 20
Switch: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
14.01.096

Pack:
7 pcs.



Vertical bathroom switch with two-circuit switch
IEC 60669-1, IP 20
Switches: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
15.01.097

Pack:
7 pcs.



Vertical bathroom switch with two-circuit switch and pilot lights
IEC 60669-1, IP 20
Switches: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
15.01.099

Pack:
7 pcs.



Vertical bathroom switch with two-pole socket-outlet
IEC 60669-1, IP 20
Two-pole socket-outlet:
16A/250V (ceramic body)
Tumbler switches: 16AX/250V

Article No.:
15.01.098

Pack:
7 pcs.



Communication socket RJ45 8/8 with two modules Cat6
IP 20

Article No.:
15.01.078

Pack:
24 pcs.



TV aerial socket with one module
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
15.01.088 (feed through)
15.01.090 (terminal)

Pack:
24 pcs.



TV aerial socket with two modules
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
14.01.092 (feed through & terminal)
14.01.091 (terminal)

Pack:
24 pcs.



Dimmer switch with potentiometer
(Only for incandescent bulbs and halogen bulbs 230V~.)

Article No.:
15.01.042 (230V; 60-550W)
15.01.142 (230V; 60-400W)

Pack:
16 pcs.

Decorative frames Royal



	For basic articles	Pack.	For double and three-pole socket-outlet	Pack.	For horizontal bathroom switch	Pack.
Light grey	15.03.352	40	15.03.355	50	15.03.395	30
Cream	15.05.352	40	15.05.355	50	15.05.395	30
Dark red	15.06.352	40	15.06.355	50	15.06.395	30
Light green	15.10.352	40	15.10.355	50	15.10.395	30
Red	15.12.352	40	15.12.355	50	15.12.395	30
Light blue	15.13.352	40	15.13.355	50	15.13.395	30



Five-set decorative frame - horizontal

Article No.:
15.01.364

Pack:
10 pcs.



Quadruple decorative frame - horizontal

Article No.:
15.01.363

Pack:
10 pcs.



Triple decorative frame - horizontal

Article No.:
15.01.362

Pack:
20 pcs.



Double decorative frame - horizontal

Article No.:
15.01.361

Pack:
30 pcs.



Five-set decorative frame - vertical

Article No.:
15.01.368

Pack:
10 pcs.



Quadruple decorative frame - vertical

Article No.:
15.01.367

Pack:
10 pcs.



Triple decorative frame - vertical

Article No.:
15.01.366

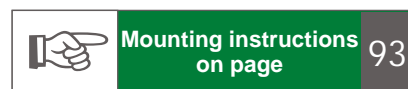
Pack:
20 pcs.



Double decorative frame - vertical

Article No.:
15.01.365

Pack:
30 pcs.



Multiple decorative frames Royal

	Light grey	Cream	Dark red	Light green	Red	Light blue	Pack.
Double decorative frame - horizontal	15.03.361	15.05.361	15.06.361	15.10.361	15.12.361	15.13.361	30
Triple decorative frame - horizontal	15.03.362	15.05.362	15.06.362	15.10.362	15.12.362	15.13.362	20
Quadruple decorative frame - horizontal	15.03.363	15.05.363	15.06.363	15.10.363	15.12.363	15.13.363	10
Five-set decorative frame - horizontal	15.03.364	15.05.364	15.06.364	15.10.364	15.12.364	15.13.364	10
Double decorative frame - vertical	15.03.365	15.05.365	15.06.365	15.10.365	15.12.365	15.13.365	30
Triple decorative frame - vertical	15.03.366	15.05.366	15.06.366	15.10.366	15.12.366	15.13.366	20
Quadruple decorative frame - vertical	15.03.367	15.05.367	15.06.367	15.10.367	15.12.367	15.13.367	10
Five-set decorative frame - vertical	15.03.368	15.05.368	15.06.368	15.10.368	15.12.368	15.13.368	10



Two-pole socket-outlet "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.061
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with protection "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.062
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with cover "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.067
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with cover and protection "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.079
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with transparent cover and protection "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.074
(polycarbonate body)

Pack:
20 pcs.



Double two-pole socket-outlet "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.065
(polycarbonate body)

Pack:
12 pcs.



Double two-pole socket-outlet with protection "F" type (French standard)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.01.066
(polycarbonate body)

Pack:
12 pcs.

ROYAL *exclusive*



- Luxury line of Royal program
- Protection level: IP 20
- Designed for spaces of high secondary and high class
- Painting with high quality paints of luxurious appearance
- Multiple frames for mounting of 2 to 5 products together
- Resistance of final layer to atmospheric and mechanical influences
- The switches are manufactured with screwless connection

Royal Exclusive represents an upgrade of the Royal program and it is intended for luxurious apartments and business facilities.

Modern and widely accepted design, quality finishing and attractive price for this class of products differentiate Royal Exclusive from the rest of the offer.

Items from the Royal Exclusive line have identical design as the Royal program, except that high quality paints are used for painting these products.

Apart from being mechanically resistant and resistant to weathering these paints impart additional touch of luxury to the Royal Exclusive products.

The Royal Exclusive range offers two colors, gold and a combination of black and silver.





Two-pole socket-outlet with protection (black / silver)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.72.052
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with transparent cover and protection (black / silver)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.72.064
(polycarbonate body)

Pack:
20 pcs.



Double two-pole socket-outlet (black / silver)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.72.055
(polycarbonate body)

Pack:
12 pcs.



Three-pole socket-outlet (black / silver)
IEC 60884-1, CEE7
16A/440V; IP 20

Article No.:
15.72.059
(polycarbonate body)

Pack:
16 pcs.



TV aerial socket with two modules (black / silver)
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
14.01.092 (feed through & terminal)
14.01.091 (terminal)

Pack:
24 pcs.



Dimmer switch with potentiometer (black / silver)
(Only for incandescent bulbs and halogen bulbs 230V~.)

Article No.:
15.72.042 (230V; 60-550W)
15.72.142 (230V; 60-400W)

Pack:
16 pcs.



Horizontal bathroom switch (black / silver)
IEC 60669-1; IP 20
16AX/250V

Article No.:
15.72.095

Pack:
7 pcs.



Vertical bathroom switch (black / silver)
IEC 60669-1; IP 20
Switch: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
15.72.096
Pack:
7 pcs.



Single-pole switch (black / silver)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.72.001 (screwless connection)
16AX/250V
15.72.621 (connection with screws)

Pack:
20 pcs.



Two-circuit switch (black / silver)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.72.004 (screwless connection)
16AX/250V
15.72.624 (connection with screws)

Pack:
20 pcs.



Two-way switch (black / silver)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.72.005 (screwless connection)
16AX/250V
15.72.625 (connection with screws)

Pack:
20 pcs.



Intermediate switch (black / silver)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.72.006 (screwless connection)
16AX/250V
15.72.626 (connection with screws)

Pack:
20 pcs.



Two-pole socket-outlet with protection (gold)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.71.052
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet with transparent cover and protection (gold)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.71.064
(polycarbonate body)

Pack:
20 pcs.



Double two-pole socket-outlet (gold)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
15.71.055
(polycarbonate body)

Pack:
12 pcs.



Three-pole socket-outlet (gold)
IEC 60884-1, CEE7
16A/440V; IP 20

Article No.:
15.71.059
(ceramic body)

Pack:
16 pcs.



Telephone socket RJ12 6/4 with one module 623K (black / silver)
IP 20

Article No.:
15.72.071

Pack:
24 pcs.



Telephone socket RJ12 6/4 with two modules 623K (black / silver)
IP 20

Article No.:
15.72.072

Pack:
24 pcs.



Communication socket RJ45 8/8 with one module Cat6 (black / silver)
IP 20

Article No.:
15.72.078

Pack:
24 pcs.



TV aerial socket with one module (black / silver)
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
15.72.088 (feed through)
15.72.090 (terminal)

Pack:
24 pcs.



Single-pole switch (gold)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.71.001 (screwless connection)
16AX/250V
15.71.621 (connection with screws)

Pack:
20 pcs.



Two-circuit switch (gold)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.71.004 (screwless connection)
16AX/250V
15.71.624 (connection with screws)

Pack:
20 pcs.



Two-way switch (gold)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.71.005 (screwless connection)
16AX/250V
15.71.625 (connection with screws)

Pack:
20 pcs.



Intermediate switch (gold)
IEC 60669-1, IP 20

Article No.:
10AX/250V
15.71.006 (screwless connection)
16AX/250V
15.71.626 (connection with screws)

Pack:
20 pcs.



Telephone socket RJ12 6/4
with one module 623K
(gold)
IP 20

Article No.:
15.71.071

Pack:
24 pcs.



Telephone socket RJ12 6/4
with two modules 623K
(gold)
IP 20

Article No.:
15.71.072

Pack:
24 pcs.



Communication socket RJ45
8/8 with one module Cat6
(gold)
IP 20

Article No.:
15.71.078

Pack:
24 pcs.



TV aerial socket with one
module (gold)
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
15.71.088 (feed through)
15.71.090 (terminal)

Pack:
24 pcs.



TV aerial socket with two
modules (gold)
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Article No.:
15.71.092 (feed through & terminal)
15.71.091 (Terminal)

Pack:
24 pcs.



Dimmer switch
with potentiometer
(gold)
(Only for incandescent bulbs
and halogen bulbs 230V-.)

Article No.:
15.71.042 (230V; 60-550W)
15.71.142 (230V; 60-400W)

Pack:
16 pcs.



Vertical bathroom switch (gold)
IEC 60669-1; IP 20
Switch: 10AX/250V
Tumbler switches: 16AX/250V

Article No.:
15.71.096

Pack:
7 pcs.



Horizontal bathroom switch
(gold)
IEC 60669-1; IP 20
16AX/250V

Article No.:
15.71.095

Pack:
7 pcs.



Five-set decorative frame
- horizontal

Article No.:
15.72.364 (black / silver)
15.71.364 (gold)

Pack:
10 pcs.



Quadruple decorative frame
- horizontal

Article No.:
15.72.363 (black / silver)
15.71.363 (gold)

Pack:
10 pcs.



Triple decorative frame
- horizontal

Article No.:
15.72.362 (black / silver)
15.71.362 (gold)

Pack:
20 pcs.



Double decorative frame
- horizontal

Article No.:
15.72.361 (black / silver)
15.71.361 (gold)

Pack:
30 pcs.

Five-set decorative frame - vertical

Article No.:
15.72.368 (black / silver)
15.71.368 (gold)

Pack:
10 pcs.

Quadruple decorative frame - vertical

Article No.:
15.72.367 (black / silver)
15.71.367 (gold)

Pack:
10 pcs.

Triple decorative frame - vertical

Article No.:
15.72.366 (black / silver)
15.71.366 (gold)

Pack:
20 pcs.

Double decorative
frame - vertical

Article No.:
15.72.365 (black / silver)
15.71.365 (gold)

Pack:
30 pcs.



Mounting instructions
on page

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EMPORIO

PURE STYLE. pure forma. PURE BEAUTY.



- High quality range of products with modern design
- Protection level: IP 20
- Production in line with European standards
- Fast and intuitive assembly
- Basic version of products is in white colour
- Transparent decorative frame allows personalization of products
- Matt surface of decorative frames and buttons
- The switches are manufactured with screwless connection

Emporio production program is featured by its recognizable design, two-layer decorative frame and opaque surface of the decorative frame.

It is intended for the clients who want somewhat different, but modern design. It easily matches with both standard and high class facilities.

It is delivered as a complete product in white color, but there is a possibility of substituting decorative frame if there is need for it. Decorative frames are available in ten different colors.

Our offer of decorative frames also includes transparent frames which give our clients possibility of complete personalization of the product appearance. Namely, a paper with printed or drawn details, part of the photo or similar can be put under the frame, which makes the product unique.





Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20

Double two-pole
socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 20

Single-pole switch
IEC 60669-1, IP 20

Single-pole switch
with pilot light
IEC 60669-1, IP 20

Telephone socket
RJ12 6/4 with two
modules 623K
IP 20

TV aerial socket
with one module
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

TV aerial socket
with two modules
IEC 169-2; CEI EN 50083-1, -2, -4;
Connection: aerial connector
IP 20

Dimmer switch
with potentiometer
(Only for incandescent bulbs
and halogen bulbs 230V~.)

Article No.:
17.01.050
(ceramic body)
17.01.051
(polycarbonate body)

Article No.:
17.01.057
(ceramic body)
17.01.055
(polycarbonate body)

Article No.:
10AX/250V
17.01.001 (screwless connection)
16AX/250V
17.01.621 (connection with screws)

Article No.:
10AX/250V
17.01.007 (screwless connection)
16AX/250V
17.01.627 (connection with screws)

Article No.:
17.01.072

Article No.:
17.01.088 (feed through)
17.01.090 (terminal)

Article No.:
17.01.092
(feed through & terminal)
17.01.091
(Terminal)

Article No.:
17.01.042 (230V; 60-550W)
17.01.142 (230V; 60-400W)

Pack:
20 pcs.

Pack:
20 pcs.

Pack:
12 pcs.

Pack:
20 pcs.

Pack:
24 pcs.

Pack:
24 pcs.

Pack:
24 pcs.

Pack:
16 pcs.



Two-circuit switch
IEC 60669-1, IP 20

Two-way switch
IEC 60669-1, IP 20

Intermediate switch
IEC 60669-1, IP 20

Light push-button
IEC 60669-1, IP 20

Single-pole switch with
pilot light and zero contact
IEC 60669-1; IP 20

Article No.:
10AX/250V
17.01.004 (screwless connection)
16AX/250V
17.01.624 (connection with screws)

Article No.:
10AX/250V
17.01.005 (screwless connection)
16AX/250V
17.01.625 (connection with screws)

Article No.:
10AX/250V
17.01.006 (screwless connection)
16AX/250V
17.01.626 (connection with screws)

Article No.:
10AX/250V
17.01.011 (screwless connection)
16AX/250V
17.01.631 (connection with screws)

Article No.:
16AX/250V
17.01.645 (connection with screws)

Pack:
20 pcs.

Pack:
20 pcs.

Pack:
20 pcs.

Pack:
20 pcs.

Pack:
20 pcs.



Light push-button
with pilot light
IEC 60669-1, IP 20

Bell push-button
IEC 60669-1, IP 20

Bell push-button
with pilot light
IEC 60669-1, IP 20

Telephone socket RJ12
6/4 with one module 623K
IP 20

Communication socket
RJ45 8/8 with one module
Cat6
IP 20

Article No.:
10A/250V
17.01.013 (screwless connection)
16A/250V
17.01.633 (connection with screws)

Article No.:
10A/250V
17.01.010 (screwless connection)
16A/250V
17.01.630 (connection with screws)

Article No.:
10A/250V
17.01.012 (screwless connection)
16A/250V
17.01.632 (connection with screws)

Article No.:
17.01.071

Article No.:
17.01.077

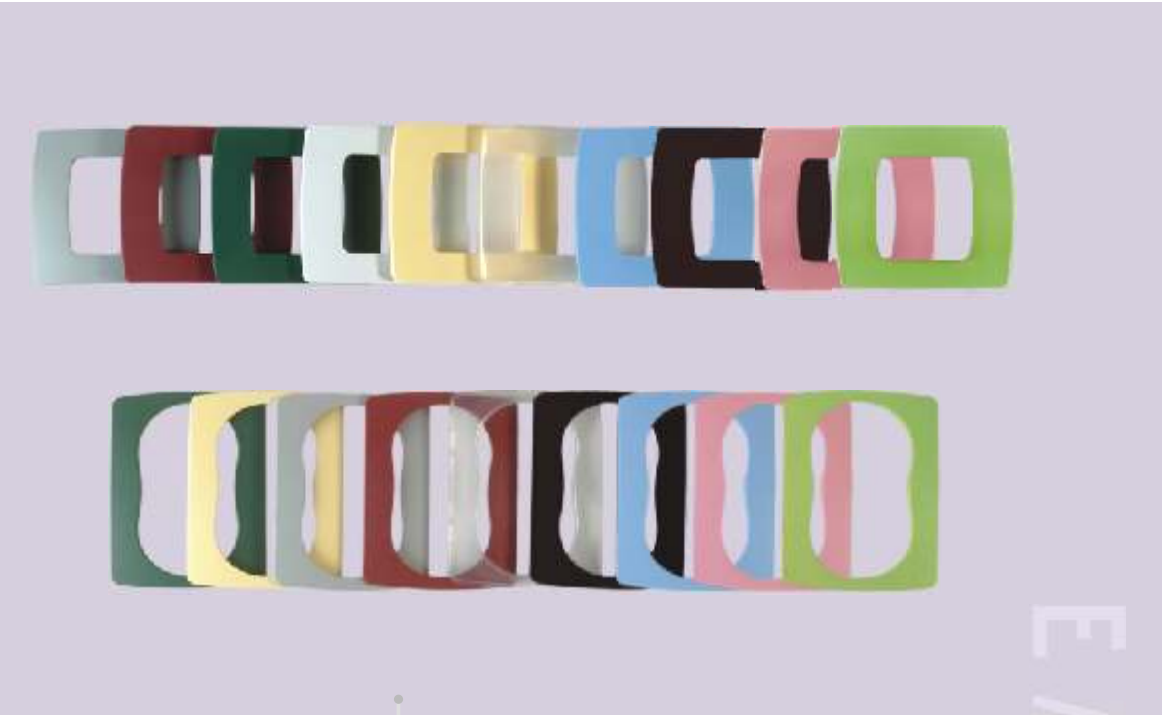
Pack:
20 pcs.

Pack:
20 pcs.

Pack:
20 pcs.

Pack:
24 pcs.

Pack:
24 pcs.



	For basic articles	Pack	For double two-pole socket-outlet	Pack
Transparent	17.00.352	70	17.00.355	60
Light grey	17.03.352	70	17.03.355	60
Cream	17.05.352	70	17.05.355	60
Dark red	17.06.352	70	17.06.355	60
Light green	17.10.352	70	17.10.355	60
Light blue	17.13.352	70	17.13.355	60
Dark green	17.14.352	70	17.14.355	60
Black	17.15.352	70	17.15.355	60
Pink	17.16.352	70	17.16.355	60

Happy

- Switches and sockets designed for the space in which children's reside
- All sockets have a built-in protection against touching
- Manufactured in line with European standards
- Protection level: IP 20
- Exterior plastic parts have color constancy - do not fade
- Four different, for children attractive product shapes
- Wide variety of colour combinations, for girls and boys
- The switches are manufactured with screwless connection

Happy production program is designed with intention to make children rooms, kinder gardens, schools and other premises where children spend their time more amusing and interesting.

There are four different shapes within Happy production program: sun, flower, star and sunny side up egg.

There are also different combinations of colors, for girls and boys. Having in mind specific application of this product line, Metalka Majur pays special attention to safety issue in developing these products.

Therefore, all socket outlets are touch protected, which guarantees complete security of children. Paints used for painting plastics are absolutely harmless.





Two-pole socket-outlet with protection
Sun
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.61.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Sun
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.61.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Sun
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.61.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Sun
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.61.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection
Star (yellow / light blue)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.42.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Star (yellow / light blue)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.42.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Star (yellow / light blue)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.42.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Star (yellow / light blue)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.42.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection
Flower (white / light blue)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.36.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Flower (white / light blue)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.36.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Flower (white / light blue)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.36.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Flower (white / light blue)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.36.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection
Flower (yellow / red)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.33.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Flower (yellow / red)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.33.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Flower (yellow / red)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.33.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Flower (yellow / red)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.33.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection
Star (yellow / red)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.41.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Star (yellow / red)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.41.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Star (yellow / red)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.41.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Star (yellow / red)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.41.005
(screwless connection)

Pack:
14 pcs..



Two-pole socket-outlet with protection
Flower (yellow / white)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.32.052
(polycarbonate body)

Pack:
14 pcs..



Single-pole switch
Flower (yellow / white)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.32.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Flower (yellow / white)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.32.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Flower (yellow / white)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.32.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection
Flower (white / pink)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.35.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Flower (white / pink)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.35.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Flower (white / pink)
IEC 60669-1, IP 20

Article No.:
10AX250V
16.35.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Flower (white / pink)
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.35.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Sun
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.61.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Sunny Side Up
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.51.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Star (yellow / red)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.41.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Star (yellow / light blue)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.42.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection
Sunny Side Up
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.51.052
(polycarbonate body)

Pack:
14 pcs.



Single-pole switch
Sunny Side Up
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.51.001
(screwless connection)

Pack:
14 pcs.



Two-circuit switch
Sunny Side Up
IEC 60669-1, IP 20

Article No.:
10AX250V
16.51.004
(screwless connection)

Pack:
14 pcs.



Two-way switch
Sunny Side Up
IEC 60669-1, IP 20

Article No.:
10AX/250V
16.51.005
(screwless connection)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Flower (yellow / red)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.33.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Flower (yellow / white)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.32.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Flower (white / pink)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.35.062
(polycarbonate body)

Pack:
14 pcs.



Two-pole socket-outlet with protection "F" type
(French standard)
Flower (white / light blue)
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.36.062
(polycarbonate body)

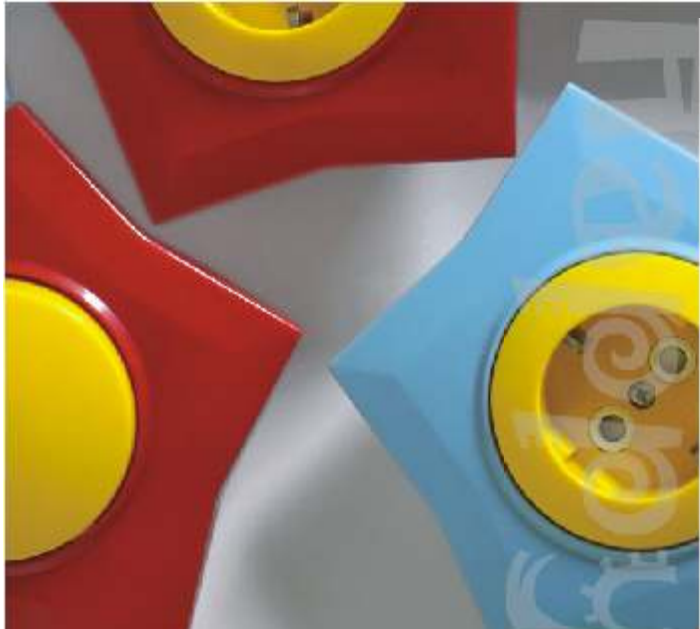
Pack:
14 pcs.



Double two-pole socket-outlet with protection
Sunny Side Up
IEC 60884-1, CEE7
16A/250V; IP 20

Article No.:
16.51.056
(polycarbonate body)

Pack:
12 pcs.



Kombo



- Production in line with European standards
- High quality materials for production
- Protection level: IP 20
- All switches are manufactured for rated current of 16 AX
- Simple assembly
- User selects modules and frames in accordance with his
- All elements (modules, frames, mounting frames, mounting boxes)
- All modules are produced in white, black and gold
- Wide range of decorative frames, in several price categories
- Complete offer for Hotels of higher categories
- Constantly expanding of range with new
- Switches are manufactured with screw connection

Kombo modular program of high quality switches and socket outlets is characterized by elegant and very modern design. It is made of the most quality materials following the European standards.

Kombo is developed in accordance with the needs of modern customers who want to have the full autonomy in choosing equipment and combination of colors including possibility of installation of as much equipment as possible in a small space. This program also fulfills their expectations in respect of the equipment's quality which guarantees long life and comfortable application of switches and socket outlets.

Wide range of modules and decorative frames is developed in order to fulfill customers' needs. Decorative frames are divided in three price groups so that different groups of customers could have possibility of choice in respect of prices. All modules can be in white, black and gold color, while the switches have one more important characteristic in the sense of being constructed for nominal current of 16 AX.

More possibilities.
More style.
More...



What is your combination?

Modular program range offers to user possibility to choose a combination of modules, where each one controls a specific function in low voltage electrical installations, and to place them according to their wishes, on the much smaller space compared to conventional programs.

Each function is controlled by a separate "module" which is significantly smaller dimensions than the standard one, and is assembled in the mounting frame with other modules. Way of assembling allows modules to be small dimensions.

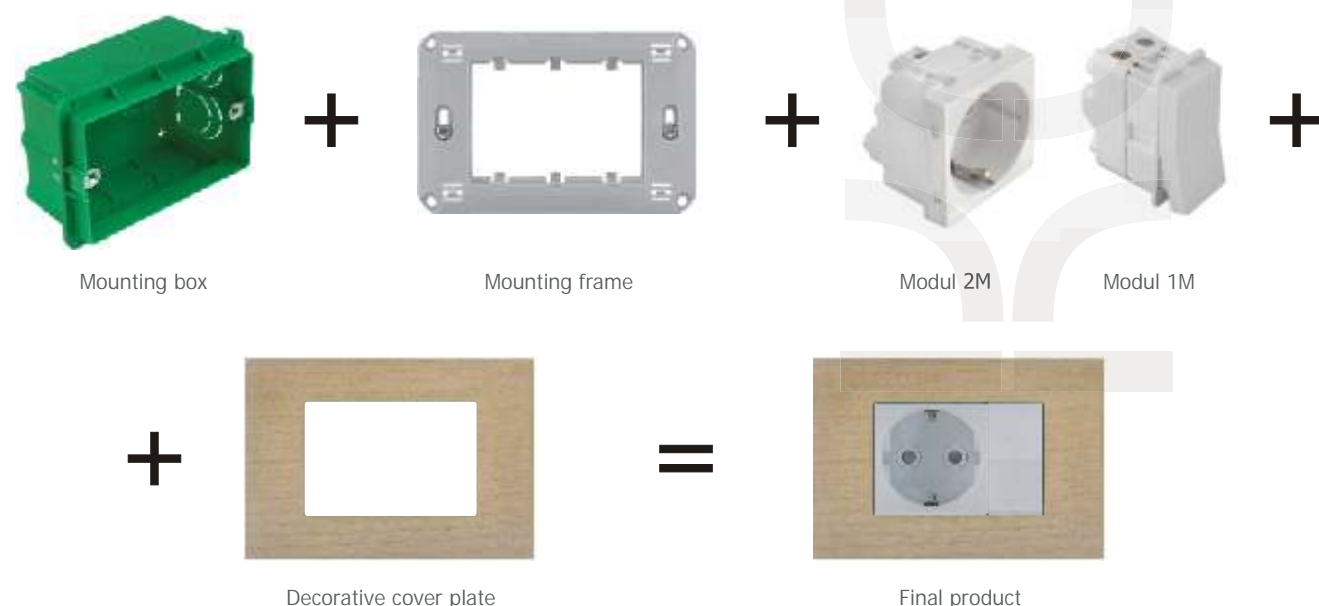
Modular program has a number of advantages. The most obvious advantage is the area occupied by the modular switches and sockets, because it is much smaller than standard programs. In addition, with standard programs, in multiple decorative frames mostly is possible to place a maximum five products, whereas in modular programs in the decorative frame is possible to place seven modules.

Modular programs allow the user to select and combine the necessary modules and arrange them into decorative frame as he wants. Easy replacement of modules is possible, in case of changed needs of user, where only replacement of module is necessary. Also it is possible to replace just decorative frame, thereby product adapts to new colours in the interior with a small investment.

Installation of modular switches and sockets is faster and easier compared with conventional program and the aesthetic appearance of modular program is on much higher level than standard switches and sockets. Larger are also installation options in the parapet systems and easier to mount in them.



For a complete assembly of modular switches and sockets you need the following: mounting box, mounting frame, matching module and decorative frame. Kombo program offers the possibility of assembling following number of modules: 1, 2, 3, 4 and 7 modules.



Mounting box can be used for mounting in solid (classical) or cavity (gypsum) wall. For assembling of one or two modules can be used standard mounting boxes (diameter 60 mm), which are used for assembling of standard switches and sockets.

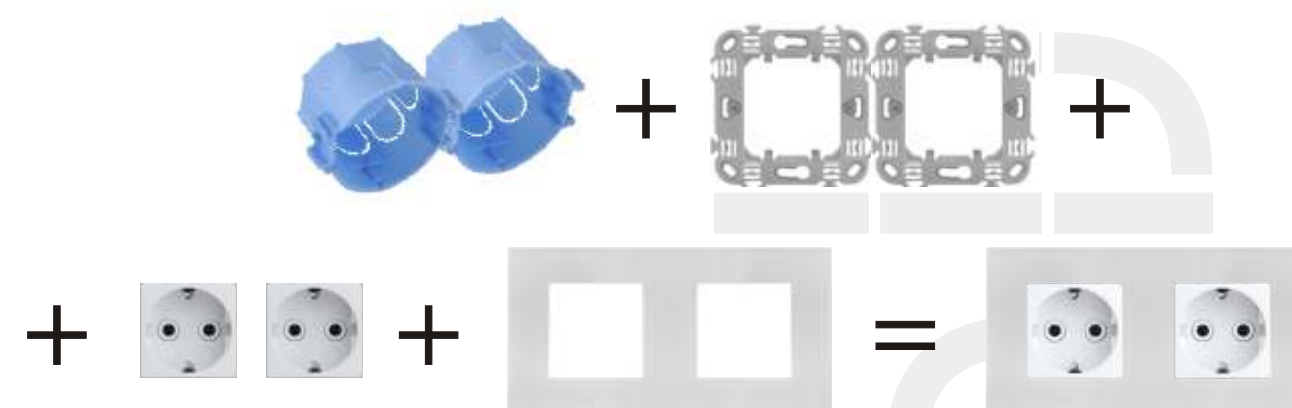


Mounting boxes for solid walls



Mounting boxes for cavity (gypsum) walls

In case that mounting boxes are already installed in wall, decorative frames 2x2M or 3x2M can be used, because correspond to these mounting boxes.



Mounting frame serves as a base for assembling of modules and decorative frame. For mounting box is connected with screws (provided with mounting frame) or metal claw (at mounting frame for 1 and 2 modules).

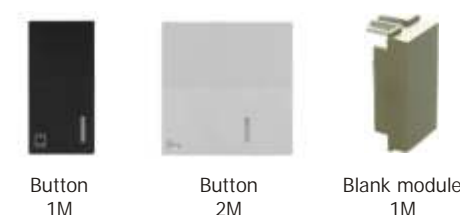
Decorative frame must match to number of modules for which mounting frame is mounted. It's mounting by pressing on mounting frame, and can be easily removed with screwdriver, pressing on the side notches.

How to choose an appropriate combination? First thing the user needs to do is to perceive it's real (or future) needs for each connection place, and accordingly determines the number of modules.

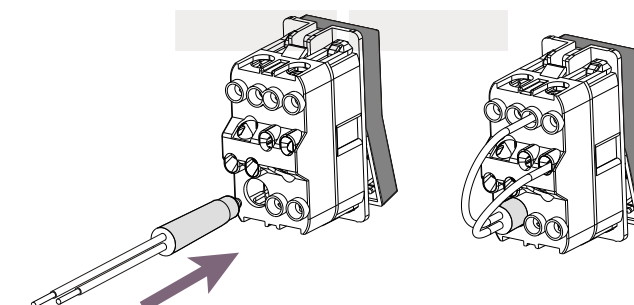
MODULES in 3 colors



Buttons for switches and push buttons can be 1M or 2M width and are available in white and black colour. Some modules can be purchased without buttons, which can be later bought and assembled. Button which is two modules width (2M) is assembled if that is an aesthetic client's request or if there is a blank place in decorative frame and is masked on this way. Another way of masking the empty place in decorative frame is to put an empty module, which actually represent a cover for the gap. If needed, the client can replace just buttons and get a new, visually different look, of switches and sockets.



In modules of switches and buttons with pilot light, lamp is installed (easy to insert into the provided holes), there are several colors to offer, so the color of signal lights may vary for different groups of consumers. When installing lamps it is important to pay attention that lamp is assembled below the hole for signal lights.





1M Single pole switch
16AX/250V

Article No.:
21.15.621 (black)
21.01.621 (white)
21.71.621 (gold)

Pack:
20 pcs.



1M Single pole switch
diffuser
16AX/250V

Article No.:
21.15.627 (black)
21.01.627 (white)
21.71.627 (gold)

Pack:
20 pcs.



1M Two way switch
16AX/250V

Article No.:
21.15.625 (black)
21.01.625 (white)
21.71.625 (gold)

Pack:
20 pcs.



1M Two way switch
diffuser
16AX/250V

Article No.:
21.15.624 (black)
21.01.624 (white)
21.71.624 (gold)

Pack:
20 pcs.



1M Blind control button
16A/250V

Article No.:
21.15.021 (black)
21.01.021 (white)
21.71.021 (gold)

Pack:
20 pcs.



1M Single pole switch
without button
16AX/250V

Article No.:
21.00.721

Pack:
20 pcs.



1M Two way switch
without button
16AX/250V

Article No.:
21.00.725

Pack:
20 pcs.



1M Intermediate switch
without button
16AX/250V

Article No.:
21.00.726

Pack:
20 pcs.



1M Intermediate switch
16AX/250V

Article No.:
21.15.626 (black)
21.01.626 (white)
21.71.626 (gold)

Pack:
20 pcs.



1M Double pole switch
16AX/250V

Article No.:
21.15.622 (black)
21.01.622 (white)
21.71.622 (gold)

Pack:
20 pcs.



1M Two way double
pole switch
16AX/250V

Article No.:
21.15.628 (black)
21.01.628 (white)
21.71.628 (gold)

Pack:
20 pcs.



1M Double pole switch
diffuser
16AX/250V

Article No.:
21.15.623 (black)
21.01.623 (white)
21.71.623 (gold)

Pack:
20 pcs.



1M Double pole switch
without button
16AX/250V

Article No.:
21.00.722

Pack:
20 pcs.



1M Single pole push button
without button
16A/250V

Article No.:
21.00.730

Pack:
20 pcs.



1M Single pole switch
without button with zero
contact
16AX/250V

Article No.:
21.00.746

Pack:
20 pcs.



2M 2P+E schuko socket
16A/250V

Article No.:
22.15.051 (black)
22.01.051 (white)
22.71.051 (gold)

Pack:
20 pcs.



1M Light push button
diffuser
16A/250V

Article No.:
21.15.633 (black)
21.01.633 (white)
21.71.633 (gold)

Pack:
20 pcs.



1M Bell push button
diffuser
16A/250V

Article No.:
21.15.632 (black)
21.01.632 (white)
21.71.632 (gold)

Pack:
20 pcs.



1M SOS
push button
cord operated
16A/250V

Article No.:
21.15.620 (black)
21.01.620 (white)
21.71.620 (gold)

Pack:
20 pcs.



1M SOS
push button diffuser
16A/250V

Article No.:
21.15.635 (black)
21.01.635 (white)
21.71.635 (gold)

Pack:
20 pcs.



2M 2P+E schuko socket
shuttered
16A/250V

Article No.:
22.15.052 (black)
22.01.052 (white)
22.71.052 (gold)

Pack:
20 pcs.



2M 2P+E schuko socket
shuttered (red)
16A/250V

Article No.:
22.12.052 (red)

Pack:
20 pcs.



2M 2P+E schuko socket
shuttered (green)
16A/250V

Article No.:
22.14.052 (green)

Pack:
20 pcs.



2M 2P+E schuko socket
shuttered (orange)
16A/250V

Article No.:
22.04.052 (orange)

Pack:
20 pcs.



2M 2P+E schuko socket shuttered, with cover 16A/250V

- Article No.:
- 22.15.054 (black)
 - 22.01.054 (white)
 - 22.71.054 (gold)

Pack: 20 pcs.



2M 2P+E socket shuttered 16A/250V (French standard)

- Article No.:
- 22.15.061 (black)
 - 22.01.061 (white)
 - 22.71.061 (gold)

Pack: 20 pcs.



2M 2P+E socket shuttered 16A/250V (French standard)

- Article No.:
- 22.12.061 (red)

Pack: 20 pcs.



2M 2P+E socket shuttered 16A/250V (French standard)

- Article No.:
- 21.14.061 (green)

Pack: 20 pcs.



1M Dimmer only for inscadescent and halogen bulbs 230V~ (100-500W)

- Article No.:
- 21.15.042 (black)
 - 21.01.042 (white)
 - 21.71.042 (gold)

Pack: 10 pcs.



2M Dimmer only for inscadescent and halogen bulbs 230V~ (60-550W)

- Article No.:
- 22.15.042 (black)
 - 22.01.042 (white)
 - 22.71.042 (gold)

Pack: 10 pcs.



2M Dimmer only for inscadescent and halogen bulbs 230V~ (60-400W)

- Article No.:
- 22.15.142 (black)
 - 22.01.142 (white)
 - 22.71.142 (gold)

Pack: 10 pcs.



1M TV socket, end-line

- Article No.:
- 21.15.090 (black)
 - 21.01.090 (white)
 - 21.71.090 (gold)

Pack: 20 pcs.



2M 2P+E socket shuttered 16A/250V (French standard)

- Article No.:
- 22.04.061 (orange)

Pack: 20 pcs.



2M 2P+E socket shuttered, with cover 16A/250V (French standard)

- Article No.:
- 22.15.067 (black)
 - 22.01.067 (white)
 - 22.71.067 (gold)

Pack: 20 pcs.



2M 2P+E schuko socket, with cover 16A/250V

- Article No.:
- 22.15.064 (black)
 - 22.01.064 (white)
 - 22.71.064 (gold)

Pack: 20 pcs.



1M 2P+E socket shuttered 10A/250V (Italian standard, P11)

- Article No.:
- 21.15.064 (black)
 - 21.01.064 (white)
 - 21.71.064 (gold)

Pack: 20 pcs.



1M TV socket, feed-through

- Article No.:
- 21.15.088 (black)
 - 21.01.088 (white)
 - 21.71.088 (gold)

Pack: 20 pcs.



1M TV socket, end-line PAL/F

- Article No.:
- 21.15.091 (black)
 - 21.01.091 (white)
 - 21.71.091 (gold)

Pack: 25 pcs.



1M SAT TV socket, end-line F/F

- Article No.:
- 21.15.092 (black)
 - 21.01.092 (white)
 - 21.71.092 (gold)

Pack: 25 pcs.



1M Communication socket RJ45 8/8 Cat6

- Article No.:
- 21.15.077 (black)
 - 21.01.077 (white)
 - 21.71.077 (gold)

Pack: 20 pcs.



1M 2P+E socket shuttered 16A/250V (Italian standard, P17/11)

- Article No.:
- 21.15.060 (black)
 - 21.01.060 (white)
 - 21.71.060 (gold)

Pack: 20 pcs.



1M 2P socket shuttered 10A/250V (Italian standard, P10; 2P euro)

- Article No.:
- 21.15.063 (black)
 - 21.01.063 (white)
 - 21.71.063 (gold)
 - 21.12.063 (red)

Pack: 20 pcs.



1M Telephone socket Rj12 6/4 623K

- Article No.:
- 21.15.075 (black)
 - 21.01.075 (white)
 - 21.71.075 (gold)

Pack: 25 pcs.



1M Audio socket 2xRCA

- Article No.:
- 21.15.095 (black)
 - 21.01.095 (white)
 - 21.71.095 (gold)

Pack: 20 pcs.



1M Blanc module

- Article No.:
- 21.15.900 (black)
 - 21.01.900 (white)
 - 21.71.900 (gold)

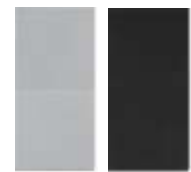
Pack: 30 pcs.



Lamp

- Article No.:
- 20.01.901 (white)
 - 20.12.901 (red)
 - 20.14.901 (green)
 - 20.13.901 (blue)
 - 20.09.901 (yellow)

Pack: 50 pcs.



1M Button

Article No.:
 21.15.921 (black)
 21.01.921 (white)
 21.71.921 (gold)

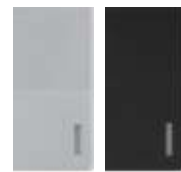
Pack:
50 pcs.



1M Button O/I

Article No.:
 21.15.922 (black)
 21.01.922 (white)
 21.71.922 (gold)

Pack:
50 pcs.



1M Button diffuser

Article No.:
 21.15.927 (black)
 21.01.927 (white)
 21.71.927 (gold)

Pack:
50 pcs.



1M Button diffuser
- light

Article No.:
 21.15.933 (black)
 21.01.933 (white)
 21.71.933 (gold)

Pack:
50 pcs.



2M Button

Article No.:
 22.15.921 (black)
 22.01.921 (white)
 22.71.921 (zlatno)

Pack:
35 pcs.



2M Button O/I

Article No.:
 22.15.922 (black)
 22.01.922 (white)
 22.71.922 (zlatno)

Pack:
35 pcs.



2M Button diffuser

Article No.:
 22.15.927 (black)
 22.01.927 (white)
 22.71.927 (zlatno)

Pack:
35 pcs.



2M Button diffuser
-light

Article No.:
 22.15.933 (black)
 22.01.933 (white)
 22.71.933 (zlatno)

Pack:
35 pcs.



1M Button diffuser
- bell

Article No.:
 21.15.932 (black)
 21.01.932 (white)
 21.71.932 (gold)

Pack:
50 pcs.



1M Button diffuser
- fan

Article No.:
 21.15.992 (black)
 21.01.992 (white)
 21.71.992 (gold)

Pack:
50 pcs.



1M Button diffuser
- stove

Article No.:
 21.15.993 (black)
 21.01.993 (white)
 21.71.993 (gold)

Pack:
50 pcs.



1M Button diffuser
- washing machine

Article No.:
 21.15.996 (black)
 21.01.996 (white)
 21.71.996 (gold)

Pack:
50 pcs.



2M Button diffuser
-bell

Article No.:
 22.15.932 (black)
 22.01.932 (white)
 22.71.932 (zlatno)

Pack:
35 pcs.



2M Button diffuser
-boiler

Article No.:
 22.15.991 (black)
 22.01.991 (white)
 22.71.991 (zlatno)

Pack:
35 pcs.



2M Button diffuser
-fan

Article No.:
 22.15.992 (black)
 22.01.992 (white)
 22.71.992 (zlatno)

Pack:
35 pcs.



2M Button diffuser
-stove

Article No.:
 22.15.993 (black)
 22.01.993 (white)
 22.71.993 (zlatno)

Pack:
35 pcs.



1M Button diffuser
- boiler

Article No.:
 21.15.991 (black)
 21.01.991 (white)
 21.71.991 (gold)

Pack:
50 pcs.



1M Button diffuser
- key

Article No.:
 21.15.994 (black)
 21.01.994 (white)
 21.71.994 (gold)

Pack:
50 pcs.



1M Button
"Do not disturb"

Article No.:
 21.15.971 (black)
 21.01.971 (white)
 21.71.971 (gold)

Pack:
50 pcs.



1M Button
"Clean the room"

Article No.:
 21.15.972 (black)
 21.01.972 (white)
 21.71.972 (gold)

Pack:
50 pcs.



2M Button diffuser
-washing machine

Article No.:
 22.15.996 (black)
 22.01.996 (white)
 22.71.996 (gold)

Pack:
35 pcs.



2M Button diffuser
-key

Article No.:
 22.15.994 (black)
 22.01.994 (white)
 22.71.994 (gold)

Pack:
35 pcs.



2M Button
"Do not disturb"

Article No.:
 22.15.971 (black)
 22.01.971 (white)
 22.71.971 (gold)

Pack:
35 pcs.



2M Button
"Clean the room"

Article No.:
 22.15.972 (black)
 22.01.972 (white)
 22.71.972 (gold)

Pack:
35 pcs.



Mounting frame 1M (with claws)

Article No.: 20.01.101

Pack: 30 pcs.



Mounting frame 2M (with claws)

Article No.: 20.01.102

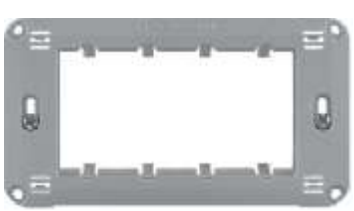
Pack: 30 pcs.



Mounting frame 3M (with claws)

Article No.: 20.01.103

Pack: 20 pcs.



Mounting frame 4M (with claws)

Article No.: 20.01.104

Pack: 20 pcs.



Mounting frame 7M (with claws)

Article No.: 20.01.107

Pack: 10 pcs.

In Kombo production program there are mounting frames for 1, 2, 3, 4 and 7 modules.

Mounting frames 1M and 2M (for mounting one and two modules) are delivered with claws and mounted in standard mounting boxes of 60 mm in diameter. Mounting is possible via claws and screw from the claws, if the existing mounting box has the openings for screws.

Mounting frames 3M and 4M are delivered with two screws which are used for mounting into mounting boxes, while the mounting frame 7M is delivered with four screws owing to its size and in order to prevent mounting frame from twisting. Way of packaging mounting frames prevents screws from falling out during transportation and manipulation in sales outlets.

It is important to mention that the design of modules and mounting frames of Kombo production program makes possible mounting and dismounting from the front side when the mounting frame is already mounted into mounting box. This option enables quick and easy mounting and dismounting, also including more comfortable work with installations.

Mounting frames in Kombo program are compatible with mounting boxes produced by other manufacturers, so the clients who have already mounted mounting boxes by other producers can additionally mount Kombo program without any problems.



3M Mounting box PM3 (for solid walls)

Article No.: 20.00.003

Pack: 5/165 pcs.



4M Mounting box PM4 (for solid walls)

Article No.: 20.00.004

Pack: 5/135 pcs.



7M Mounting box PM7 (for solid walls)

Article No.: 20.00.007

Pack: 5/90 pcs.



Signal cover for mounting boxes PM

Article No.: 20.00.103 (PM3)
20.00.104 (PM4)
20.00.107 (PM7)
Pack: 20/300 pcs. (PM3)
20/240 pcs. (PM4)
10/200 pcs. (Pm7)



3M Mounting box VM3 for cavity (gypsum) walls

Article No.: 20.00.203

Pack: 6/180 pcs.



4M Mounting box VM4 for cavity (gypsum) walls

Article No.: 20.00.204

Pack: 6/150 pcs.



7M Mounting box VM7 for cavity (gypsum) walls

Article No.: 20.00.207

Pack: 6/114 pcs.



Distance element for mounting boxes PM

Article No.: 20.00.000

Pack: 50/700 pcs.

Metalka Majur's Kombo program offers mounting boxes both for solid and cavity (gypsum) walls.

Mounting frames for sizes 3M, 4M and 7M are chosen for adequate combination of module, while combinations 1M and 2M are mounted into standard mounting boxes of 60 mm in diameter.

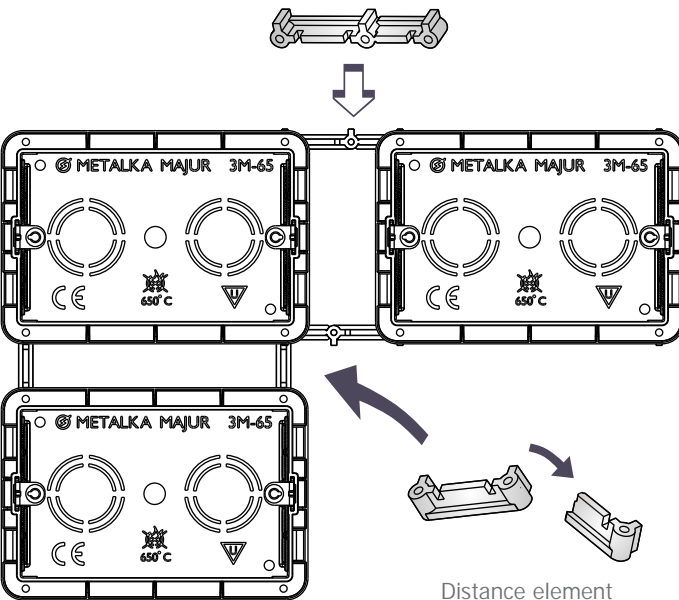
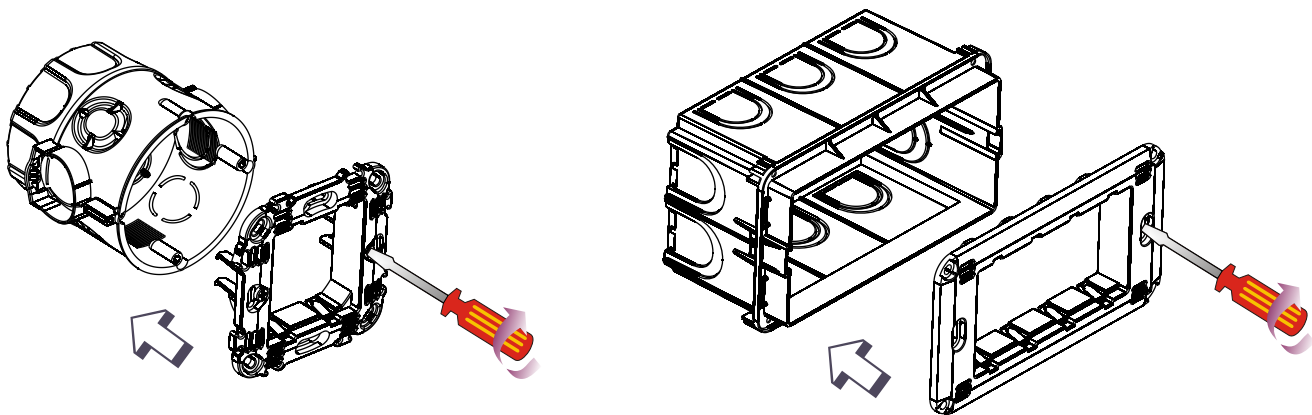
Mounting box for multiple decoration frames is used for mounting modules into decoration frames 2x2M and 3x2M. This box secures 71 mm distance between the products.

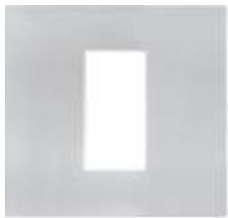
Protective cover for solid wall mounting boxes makes a separate item. The cover is used after installation of mounting box, but before mounting module and decorative frame in order to protect interior of the mounting box and wires from getting dirty during plastering and smoothing. After plastering the cover is removed and final mounting of module and frame is performed.

Another important item is a joint element for solid wall mounting boxes. The joint element has two fixed lengths one of which fits to horizontal, while the other fits to the vertical mounting of several decorative frames which after mounting should be positioned next to each other at fixed distance. This provides an excellent visual effect of the mounted decorative frames when one place requires more than 7 modules.

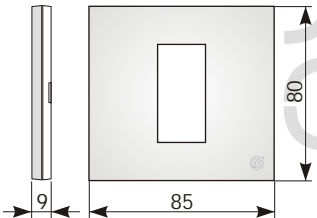
At vertical mounting the joint element can be used only for the decorative frames of the same size (i.e. for the same number of modules), while at horizontal mounting it possible to join decorative frames of different size. The complete joint element is used for horizontal mounting while for vertical mounting the element should be broken and only longer part is used.

Mounting of mounting frame

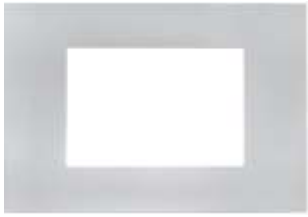
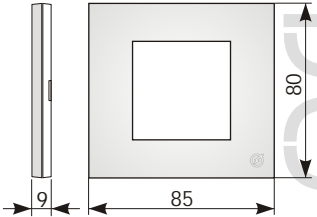




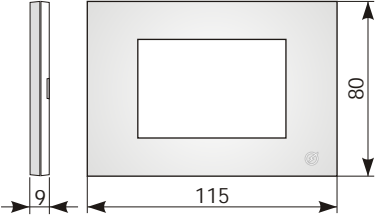
Decorative cover plate 1M



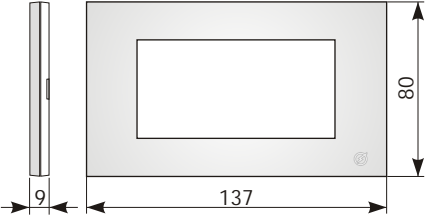
Decorative cover plate 2M



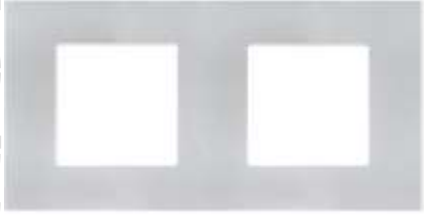
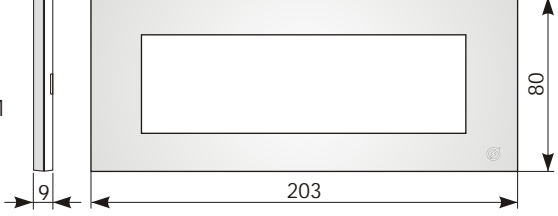
Decorative cover plate 3M



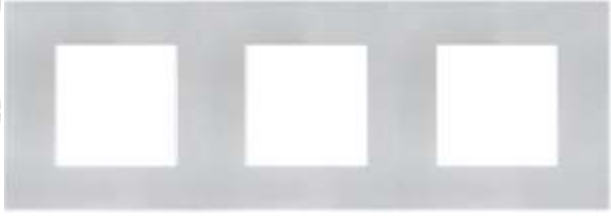
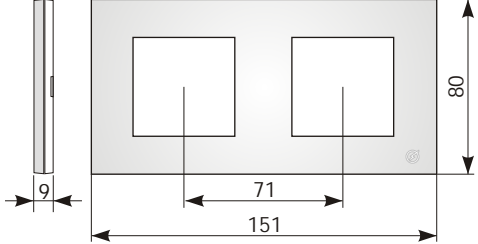
Decorative cover plate 4M



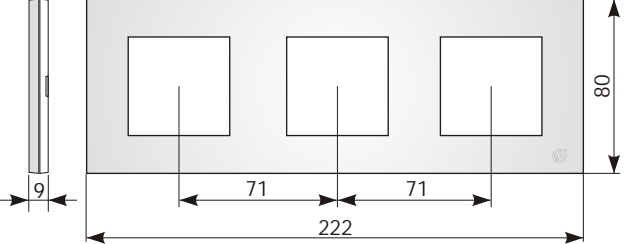
Decorative cover plate 7M



Decorative cover plate 2x2M
(horizontal or vertical mounting)
EN 60695-2-11
Artical No.:
20.01.022 (white)
Pack:
30 pcs.



Decorative cover plate 3x2M
(horizontal or vertical mounting)
EN 60695-2-11
Artical No.:
20.01.032 (white)
Pack:
15 pcs.



Decorative cover plate
White / white
EN 60695-2-11

- Article No. / pack:
- 20.01.001 (1M, 30 pcs)
 - 20.01.002 (2M, 30 pcs)
 - 20.01.003 (3M, 30 pcs)
 - 20.01.004 (4M, 30 pcs)
 - 20.01.007 (7M, 15 pcs)



Decorative cover plate
Dark red / black
EN 60695-2-11

- Article No. / pack:
- 20.06.001 (1M, 30 pcs)
 - 20.06.002 (2M, 30 pcs)
 - 20.06.003 (3M, 30 pcs)
 - 20.06.004 (4M, 30 pcs)
 - 20.06.007 (7M, 15 pcs)



Decorative cover plate
Dark blue / white
EN 60695-2-11

- Article No. / pack:
- 20.08.001 (1M, 30 pcs)
 - 20.08.002 (2M, 30 pcs)
 - 20.08.003 (3M, 30 pcs)
 - 20.08.004 (4M, 30 pcs)
 - 20.08.007 (7M, 15 pcs)



Decorative cover plate
Dark green / white
EN 60695-2-11

- Article No. / pack:
- 20.14.001 (1M, 30 pcs)
 - 20.14.002 (2M, 30 pcs)
 - 20.14.003 (3M, 30 pcs)
 - 20.14.004 (4M, 30 pcs)
 - 20.14.007 (7M, 15 pcs)



Decorative cover plate
Black coloured plastic / white
EN 60695-2-11

- Article No. / pack:
- 20.15.001 (1M, 30 pcs)
 - 20.15.002 (2M, 30 pcs)
 - 20.15.003 (3M, 30 pcs)
 - 20.15.004 (4M, 30 pcs)
 - 20.15.007 (7M, 15 pcs)



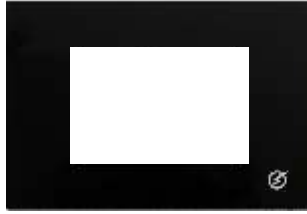
Decorative cover plate
Ivory / white
EN 60695-2-11

- Article No. / pack:
- 20.19.001 (1M, 30 pcs)
 - 20.19.002 (2M, 30 pcs)
 - 20.19.003 (3M, 30 pcs)
 - 20.19.004 (4M, 30 pcs)
 - 20.19.007 (7M, 15 pcs)



Decorative frame
Chrome shine / black
EN 60695-2-11

- Article No. / pack:
- 20.20.001 (1M, 30 pcs)
 - 20.20.002 (2M, 30 pcs)
 - 20.20.003 (3M, 30 pcs)
 - 20.20.004 (4M, 30 pcs)
 - 20.20.007 (7M, 15 pcs)



Decorative glass frame
Black colour / black
EN 60695-2-11

- Article No. / pack:
- 20.30.001 (1M, 30 pcs)
 - 20.30.002 (2M, 30 pcs)
 - 20.30.003 (3M, 18 pcs)
 - 20.30.004 (4M, 18 pcs)
 - 20.30.007 (7M, 9 pcs)



Decorative glass frame
Grey colour / white
EN 60695-2-11

- Article No. / pack:
- 20.31.001 (1M, 30 pcs)
 - 20.31.002 (2M, 30 pcs)
 - 20.31.003 (3M, 18 pcs)
 - 20.31.004 (4M, 18 pcs)
 - 20.31.007 (7M, 9 kom)



Decorative cover plate – real wood
Maple wood / black
EN 60695-2-11

- Article No. / pack:
- 20.51.001 (1M, 30 pcs.)
 - 20.51.002 (2M, 30 pcs.)
 - 20.51.003 (3M, 30 pcs.)
 - 20.51.004 (4M, 30 pcs.)
 - 20.51.007 (7M, 15 pcs.)



Decorative cover plate – real wood
Cherry wood / black
EN 60695-2-11

- Article No. / pack:
- 20.52.001 (1M, 30 pcs.)
 - 20.52.002 (2M, 30 pcs.)
 - 20.52.003 (3M, 30 pcs.)
 - 20.52.004 (4M, 30 pcs.)
 - 20.52.007 (7M, 15 pcs.)



Decorative cover plate – real wood
Italian walnut wood / white
EN 60695-2-11

- Article No. / pack:
- 20.53.001 (1M, 30 pcs.)
 - 20.53.002 (2M, 30 pcs.)
 - 20.53.003 (3M, 30 pcs.)
 - 20.53.004 (4M, 30 pcs.)
 - 20.53.007 (7M, 15 pcs.)



Decorative cover plate
Al foil / black
EN 60695-2-11

- Article No. / pack:
- 20.40.001 (1M, 30 pcs.)
 - 20.40.002 (2M, 30 pcs.)
 - 20.40.003 (3M, 30 pcs.)
 - 20.40.004 (4M, 30 pcs.)
 - 20.40.007 (7M, 15 pcs.)



Decorative cover plate
Corian DuPont White Everest / black
EN 60695-2-11

- Article No. / pack:
- 20.61.001 (1M, 30 pcs.)
 - 20.61.002 (2M, 30 pcs.)
 - 20.61.003 (3M, 30 pcs.)
 - 20.61.004 (4M, 30 pcs.)
 - 20.61.007 (7M, 15 pcs.)



Decorative cover plate
Corian DuPont Black Quartz / white
EN 60695-2-11

- Article No. / pack:
- 20.62.001 (1M, 30 pcs.)
 - 20.62.002 (2M, 30 pcs.)
 - 20.62.003 (3M, 30 pcs.)
 - 20.62.004 (4M, 30 pcs.)
 - 20.62.007 (7M, 15 pcs.)



Decorative cover plate
gold / black
EN 60695-2-11

- Article No. / pack:
- 20.71.001 (1M, 30 pcs.)
 - 20.71.002 (2M, 30 pcs.)
 - 20.71.003 (3M, 30 pcs.)
 - 20.71.004 (4M, 30 pcs.)
 - 20.71.007 (7M, 15 pcs.)



Decorative cover plate
silver / white
EN 60695-2-11

- Article No. / pack:
- 20.74.001 (1M, 30 pcs.)
 - 20.74.002 (2M, 30 pcs.)
 - 20.74.003 (3M, 30 pcs.)
 - 20.74.004 (4M, 30 pcs.)
 - 20.74.007 (7M, 15 pcs.)



Decorative cover plate
black / beli
EN 60695-2-11

- Article No. / pack:
- 20.75.001 (1M, 30 pcs.)
 - 20.75.002 (2M, 30 pcs.)
 - 20.75.003 (3M, 30 pcs.)
 - 20.75.004 (4M, 30 pcs.)
 - 20.75.007 (7M, 15 pcs.)

Decorative frames of Kombo production program consist of two parts. The lower part of decorative frame can be either white or black.

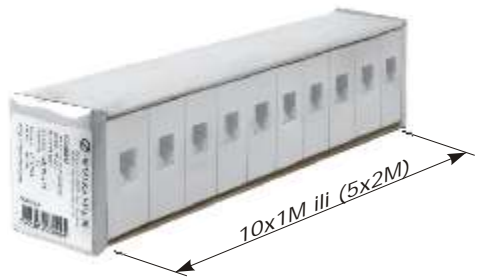
The intention of designers was to give possibility of combining colors in order to make product as thinner and more elegant on the wall, because the color of the lower part can be "merged" into the color of the walls. Apart from this, it also provides the joining system for exclusive decorative frames made of wood and Corian DuPoint (and in the future, those made of glass, stone, metal etc). Kombo decoration frames are delivered as a whole unit with lower part of decorative frame which, respecting the clients' opinion suits better the upper part of the decorative frame.

In order to meet clients' needs as much as possible and facilitate change of the existing combination, lower part of the decorative frame is also sold as separate item. Therefore, it is possible subsequently to change the color of the lower part of the masque as well (except for decorative frames made of wood and Corian which are joined tightly).



PROFI PAK

Decorative frames are packed in small bags, while the group packaging, so called "profi pack" is available for professional users. This packaging can include 5 modules of size 2M, or 10 modules of size 1M, packed all together in small box, which makes work faster for professional installation workers. "Profi pack" is available for the most sold modules of switches and socket outlets, while its price is somewhat lower than the price of the same number of modules packed in blister packs.



Modul colors		White	Black	Gold	Pack
Item					
1	1M Single pole switch 16AX/250V, connection with screws, 10/1	25.01.621	25.15.621	25.71.621	10/1
2	1M Single pole switch diffuser 16AX/250V, connection with screws, 10/1	25.01.627	25.15.627	25.71.627	10/1
3	1M Two way switch 16AX/250V, connection with screws, 10/1	25.01.625	25.15.625	25.71.625	10/1
4	1M Two way switch diffuser 16AX/250V, connection with screws, 10/1	25.01.624	25.15.624	25.71.624	10/1
5	2M 2P+E schuko socket 16A/250V, 5/1	25.01.051	25.15.051	25.71.051	5/1
6	1M 2P socket shuttered 10A/250V, without earth contact, 10/1	25.01.063	25.15.063	25.71.063	10/1
7	1M TV socket - end-line, 10/1	25.01.090	25.15.090	25.71.090	10/1
8	1M TV socket - end-line PAL/F, 10/1	25.01.091	25.15.091	25.71.091	10/1
9	1M Telephone socket RJ12 6/4 623K, 10/1	25.01.075	25.15.075	25.71.075	10/1
10	1M Communication socket RJ45 8/8 Cat 6, 10/1	25.01.077	25.15.077	25.71.077	10/1
11	1M Blank module, 10/1	25.01.900	25.15.900	25.71.900	10/1

Modules without buttons

1	1M Single pole switch 16AX/250V, without button, connection with screws, 10/1	25.00.721	/	/	10/1
2	1M Two way switch 16AX/250V, without button, connection with screws, 10/1	25.00.725	/	/	10/1
3	1M Single pole push button 16A/250V, without button, 10/1	25.00.730	/	/	10/1

Exclusive decorative frames made of true wood and Corian DuPont make Kombo program additionally attractive. This part of program is specially designed for the most luxurious buildings with intention to meet the esthetic requirements of the most demanding customers.

MAPLE
Scientific Name: Acer Saccharum; Countries of Origin: Balcan area

Appearance: The sapwood of maple is lovely creamy, while the heartwood ranger from creamy white to light reddish brown. This wood had a closet, subdued grain and uniform texture, with medium figuring. The figuring is variously described as quilted, curly, bird's-eye, and "fiddle back". During the granding process, interestingly figure boards are often culled from the group and sold at a premium. Due to its light color and durability, maple is popular choice when a "contemporary" look is desired.
Properties: Maple is classified as hardwood, and it has a high crushing strength. It is stiff, strong, dense and extremely tough, with excellent shock resistance. It is notability resistano to abrasive wear.



CHERRY WOOD
Scientific Name: Prunus Serotina; Country of Origin: Italy

Appearance: Cherry wood is prized for its rich color and fine graining. The fine, sanità texture of the wood is uniform and frequently wavy, with distinctive gum veins and pockets. The lustrous heartwood ranger from light to dark reddish brown, constisting sharply with the sapwood, which may be light brown to pale with a light pinkish tone; however, between boards there may be significant color variations.
Properties: Cherry works well, saws cleanly, planes excellently and takes all kinds of finishes very well. It has a strong but moderately hard wood with excellent shock resistance.



NATIONAL WALNUT
Scientific Name: Junglans; Country of Origin: Italy

Appearance: There is a distinct difference in color between the nearly white sapwood of walnut and the heartwood, which ranger in color from a deep, rich dark, almost chocolate brown to a purplish black. The wood often has a purplish cast with dark streaks. However, there is a wide variation of color, figure, and grade within the species. The grain of walnut is mostly straight and open, though some boards may have a grain pattern that is burl'd or curly. In fact, the wood is especially valued for its wavy, curly and mottles figures.
Properties: This prized wood is heavy, hard and stiff and has excellent dimensional stability. It is moderately dense, but very strong, with good shock resistance. Walnut is one of the most durable of the domestic commercial woods, even under conditions favorable to decay.



Corian DuPont

Artificial material which is mixture of plastics and tiny crystals of the true quartz provides marvelous visual effect very much similar to marble. The material was invented and patented by DuPont, a world giant in the field of technical materials. Corian has found broad application in interior decoration being relatively easy for processing and extremely long lasting and decorative.



All Kombo items have attractive individual packaging. Modules of switches and socket outlets are packed in blister pack which protects the product from mechanical damaging. In the same time blister pack provides the complete view of the product form the front side, the subassembly and contacts from the back side. Packaging includes information on producer, wiring diagram and other important data. Decorative frames are packed in small bags, while the group packaging, so called "profi pack" is available for professional users.



Kombo 60

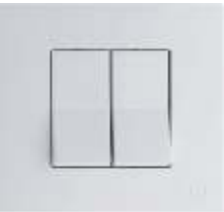
Kombo 60 is a special series of modular articles, reduced flat surface, with original design of buttons, in line with trends of interior equipping. quality, reliability and long using life.
Kombo 60 is a final product, made in basic white color. Characterized by a fast and simple assembly, is mounted in a standard Ø60 mm mounting box, while the indicators are buying with already mounted box. All switches are manufactured for rated current of 16AX, connection is with screws, reliable contact for live parts and long service life.



2M Single pole switch with button 16AX/250V

Article No.: 24.01.621 (white)
connection with screws

Pack: 20 pcs.



2M Double pole switch with button 16AX/250V

Article No.: 24.01.629 (white)

Pack: 20 pcs.



2M Two way switch with button 16AX/250V

Article No.: 24.01.625 (white)

Pack: 20 pcs.



2M Two pole socket 2P+E 16A/250V

Article No.: 24.01.051 (white)

Pack: 20 pcs.



2M Bathroom switch with button 16AX/250V

Article No.: 24.01.636 (white)

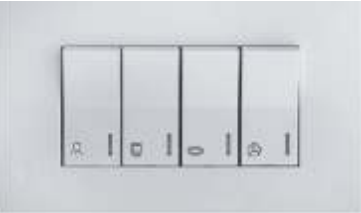
Pack: 20 pcs.



Bathroom switch 3M with indication for boiler,light and heater 16AX/250V

Article No.: 21.01.096 (white)

Pack: 8 pcs.



Bathroom switch 4M with indication for boiler,light, heater and ventilator 16AX/250V

Article No.: 21.01.097 (white)

Pack: 6 pcs.



KOMBO LED
MODULAR LED LIGHTING



Metalka Majur has supplemented its modular program of sockets and switches KOMBO with the new sources of light in LED technology. The modules are standard size: 2M, 3M and 4M and can be installed in the existing junction boxes with a wide range of decorative frames. Each module of the KOMBO LED program, can be bought separately so that it leaves open the possibility to the customer that, depending on his needs he can make his own combination.

2M LED lighting
Kombo LED

Article No.:
230V- 21.01.102 (230V/50Hz)
12V- 21.01.202 (12V/50Hz)

Pack:
20 pcs.

3M LED lighting
Kombo LED

Article No.:
230V- 21.01.103 (230V/50Hz)
12V- 21.01.203 (12V/50Hz)

Pack:
20 pcs.

4M LED lighting
Kombo LED

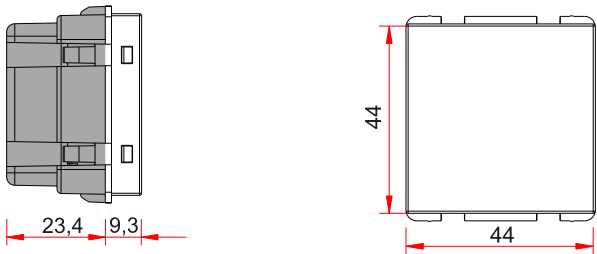
Article No.:
230V- 21.01.104 (230V/50Hz)
12V- 21.01.204 (12V/50Hz)

Pack:
20 pcs.

Depending on the supply voltage produced by the two types of modules. The first type of module is the supply voltage of 230V / 50Hz and the other type is for supply voltage of 12 V / 50 Hz. Kombo LED modules can be combined with other modules of the KOMBO program, so that in one place you can have: a light source, a switch and socket. Kombo LED modules have no UV and IR radiation, they have low power consumption and provide high intensity with a little heat and low light weakening.

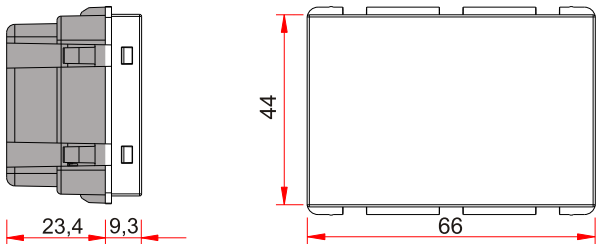
KOMBO LED 2M

Type	KOMBO LED/2M
Standard	EN 60598, CE
Angle	120°
Rendered index	80
Light colour	Nature white
Light temperature	4000K
Power	max 1W
Voltage	230V/50Hz , 12V/50Hz
Number of LEDs	4
LED light source	Samsung
Luminous flux	72 lm
Material	Polycarbonate
Installation	Into a wall and plasterboard
Lifetime	50,000h of continuous operation



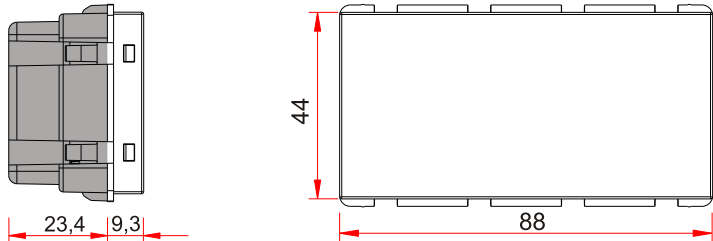
KOMBO LED 3M

Type	KOMBO LED/3M
Standard	EN 60598, CE
Angle	120°
Rendered index	80
Light colour	Nature white
Light temperature	4000K
Power	max 1,5W
Voltage	230V/50Hz ,12V/50Hz
Number of LEDs	6
LED light source	Samsung
Luminous flux	110 lm
Material	Polycarbonate
Installation	Into a wall and pla
Lifetime	50,000h of continuous operation



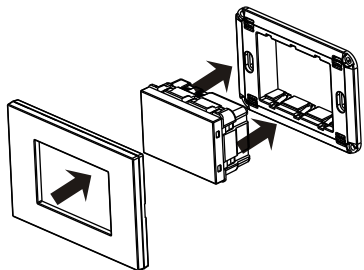
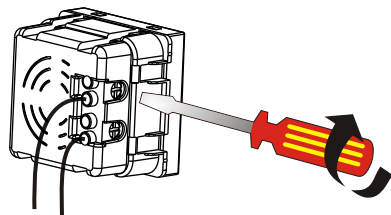
KOMBO LED 4M

Type	KOMBO LED/4M
Standard	EN 60598, CE
Angle	120°
Rendered index	80
Light colour	Nature white
Light temperature	4000K
Power	max 2W
Voltage	230V/50Hz , 12V/50Hz
Number of LEDs	8
LED light source	Samsung
Luminous flux	150 lm
Material	Polycarbonate
Installation	Into a wall and plasterboard
Lifetime	50,000h of continuous operation

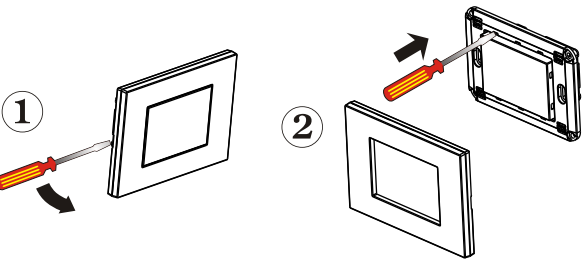


Installation instructions:

The montage of the module and the decorative frame is very simple and can be done manually by pressing.

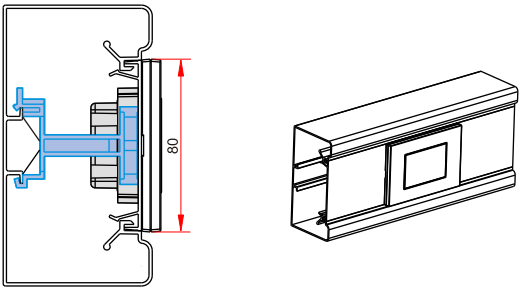


Tightening of the conductors is provided by a reliable and secure screw connection for conductors with cross-sections up to 2,5mm².

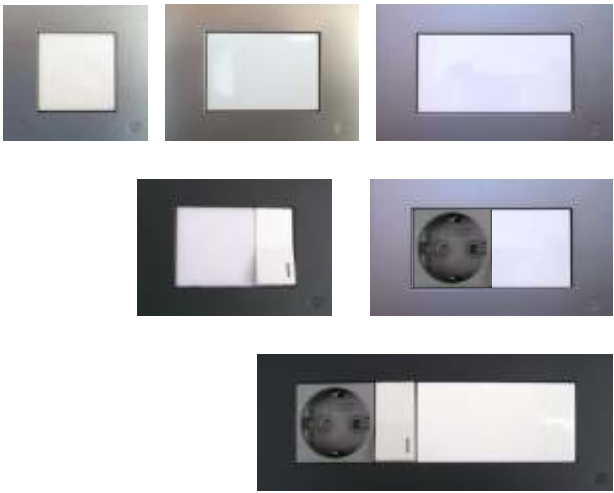
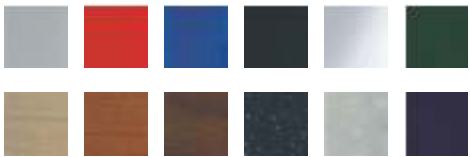


Dismantling of KOMBO LED module is also simple.
1) In the first step, it is necessary to remove the decorative frame by a gentle pull.
2) In the second step, a screwdriver should be placed as shown in the picture, with a gentle downward push.

Kombo LED has been applied in the modern interior decorative lighting today (corridors, stairwells, light duty)
Kombo LED can be built into the parapet divorce with the width of the opening of 80mm.



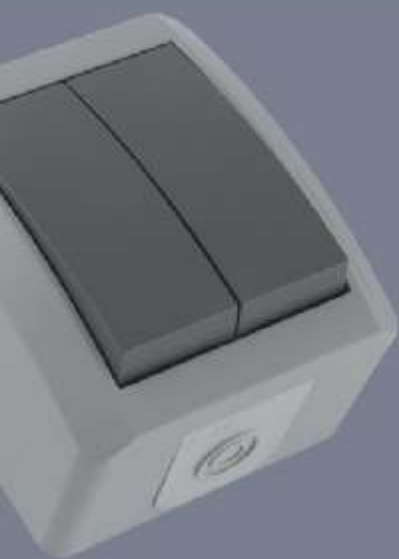
The colors of decorative frame:



SET Q OG



- Surface mounting
- Quality and robust products, for long lasting and frequent use
- Reliability and durability
- Manufactured in line with European standards
- Protection level: IP 44 (protection against splashing water)
- Complete range in white and gray colour
- Recognizable and modern design
- Switches are made with screw and screwless connection



Set Q OG is production program of switches and socket-outlets, intended for surface mounting and it is used where the installation is carried out on the wall, from residential to business facilities, including the production halls, storages, garages, basements, etc.

Set Q OG has the widest product range among the surface mounting programs in the region. The complete product range is available in white and grey color.

The protection level is IP44 (protection against splashing water).

Set Q OG program has been designed by young Bachelor of Applied Arts (Industrial Design Section) who won the internal competition for the best design of switches and socket outlets organized by Metalka Majur with intention both to help young talented people and improve design of its products in the same time.





Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44

Article No.:
12.01.050 (ceramic body)
12.01.051 (polycarbonate body)

Pack:
20 pcs.



Double horizontal
two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44

Article No.:
12.01.052 (ceramic body)
12.01.053 (polycarbonate body)

Pack:
10 pcs.



Double vertical
two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44

Article No.:
12.01.057 (ceramic body)
12.01.058 (polycarbonate body)

Pack:
10 pcs.



Tree-pole socket-outlet
IEC 60884-1, CEE7
16A/440V; IP 44

Article No.:
12.01.059 (ceramic body)

Pack:
14 pcs.



Light push-button
IEC 60669-1; IP 44

Article No.:
10A/250V
12.01.011 (screwless connection)
12.01.031 (connection with screws)
16A/250V
12.01.631 (connection with screws)

Pack:
20 pcs.



Bell push-button
IEC 60669-1; IP 44

Article No.:
10A/250V
12.01.010 (screwless connection)
12.01.030 (connection with screws)
16A/250V
12.01.630 (connection with screws)

Pack:
20 pcs.



Blind control button
IEC 60669-1; IP 44

Article No.:
10A/250V
12.01.018 (screwless connection)
12.01.038 (connection with screws)
16A/250V
12.01.638 (connection with screws)

Pack:
20 pcs.



Junction box with 4
channels
IEC 60670; CEI EN 60529;
IP 44

Article No.:
12.01.070

Pack:
20 pcs.



Single-pole switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.001 (screwless connection)
12.01.021 (connection with screws)
16AX/250V
12.01.621 (connection with screws)

Pack:
20 pcs.



Two-circuit switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.004 (screwless connection)
12.01.024 (connection with screws)
16AX/250V
12.01.624 (connection with screws)

Pack:
20 pcs.



Two-way switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.005 (screwless connection)
12.01.025 (connection with screws)
16AX/250V
12.01.625 (connection with screws)

Pack:
20 pcs.



Intermediate switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.006 (screwless connection)
12.01.026 (connection with screws)
16AX/250V
12.01.626 (connection with screws)

Pack:
20 pcs.



SOS push-button
cord operated
IEC 60669-1, IP 44

Article No.:
10A/250V
12.01.020 (screwless connection)
12.01.040 (connection with screws)

Pack:
20 pcs.



Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44

Article No.:
12.23.050 (Ceramic body)
12.23.051 (polycarbonate body)

Pack:
20 pcs.



Double horizontal
two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44

Article No.:
12.23.052 (Ceramic body)
12.23.053 (polycarbonate body)

Pack:
10 pcs.



Double vertical
two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44

Article No.:
12.23.057 (Ceramic body)
12.23.058 (polycarbonate body)

Pack:
10 pcs.



Tree-pole socket-outlet
IEC 60884-1, CEE7
16A/440V; IP 44

Article No.:
12.23.059 (ceramic body)

Pack:
14 pcs.



Double-pole switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.002 (screwless connection)
12.01.022 (connection with screws)
16AX/250V
12.01.622 (connection with screws)

Pack:
20 pcs.



Three-pole switch
IEC 60669-1, IP 44

Article No.:
10A/250V
12.01.003 (screwless connection)
12.01.023 (connection with screws)
16A/250V
12.01.623 (connection with screws)

Pack:
20 pcs.



Two-way double-pole
switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.008 (screwless connection)
12.01.028 (connection with screws)
16AX/250V
12.01.628 (connection with screws)

Pack:
20 pcs.



Double two-way switch
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.01.009 (screwless connection)
12.01.029 (connection with screws)
16AX/250V
12.01.629 (connection with screws)

Pack:
20 pcs.



Jednopolna sklopka
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.23.001 (screwless connection)
12.23.021 (connection with screws)
16AX/250V
12.23.621 (connection with screws)

Pack:
20 pcs.



Serijska sklopka
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.23.004 (screwless connection)
12.23.024 (connection with screws)
16AX/250V
12.23.624 (connection with screws)

Pack:
20 pcs.



Naizmeni na sklopka
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.23.005 (screwless connection)
12.23.025 (connection with screws)
16AX/250V
12.23.625 (connection with screws)

Pack:
20 pcs.



Unakrsna sklopka
IEC 60669-1, IP 44

Article No.:
10AX/250V
12.23.006 (screwless connection)
12.23.026 (connection with screws)
16AX/250V
12.23.626 (connection with screws)

Pack:
20 pcs.



Potezni taster SOS
IEC 60669-1, IP 44

Article No.:
10A/250V
12.23.020 (screwless connection)
12.23.040 (connection with screws)

Pack:
20 pcs.



Double-pole switch
IEC 60669-1; IP 44

Article No.:
10AX/250V
12.23.002 (screwless connection)
12.23.022 (connection with screws)
16AX/250V
12.23.622 (connection with screws)

Pack:
20 pcs.



Three-pole switch
IEC 60669-1; IP 44

Article No.:
10AX/250V
12.23.003 (screwless connection)
12.23.023 (connection with screws)
16AX/250V
12.23.623 (connection with screws)

Pack:
20 pcs.



Two-way double-pole
switch
IEC 60669-1; IP 44

Article No.:
10AX/250V
12.23.008 (screwless connection)
12.23.028 (connection with screws)
16AX/250V
12.23.628 (connection with screws)

Pack:
20 pcs.



Double two-way switch
IEC 60669-1; IP 44

Article No.:
10AX/250V
12.23.009 (screwless connection)
12.23.029 (connection with screws)
16AX/250V
12.23.629 (connection with screws)

Pack:
20 pcs.



Two-pole socket-outlet
"F" type (French standar)
IEC 60884-1; CEE7
16A/250V; IP 44

Article No.:
12.01.061
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection "F" type
(French standar)
IEC 60884-1; CEE7
16A/250V; IP 44

Article No.:
12.01.062
(polycarbonate body)

Pack:
20 pcs.



Double horizontal two-pole
socket-outlet "F" type
(French standar)
IEC 60884-1; CEE7
16A/250V; IP 44

Article No.:
12.01.065
(polycarbonate body)

Pack:
10 pcs.



Double vertical two-pole
socket-outlet "F" type
(French standar)
IEC 60884-1; CEE7
16A/250V; IP 44

Article No.:
12.01.068
(polycarbonate body)

Pack:
10 pcs.



Light push-button
IEC 60669-1; IP 44

Article No.:
10A/250V
12.23.011 (screwless connection)
12.23.031 (connection with screws)
16A/250V
12.23.631 (connection with screws)

Pack:
20 pcs.



Bell push-button
IEC 60669-1; IP 44

Article No.:
10A/250V
12.23.010 (screwless connection)
12.23.030 (connection with screws)
16A/250V
12.23.630 (connection with screws)

Pack:
20 pcs.



Blind control button
IEC 60669-1; IP 44

Article No.:
10A/250V
12.23.018 (screwless connection)
12.23.038 (connection with screws)
16A/250V
12.23.638 (connection with screws)

Pack:
20 pcs.



Junction box with 4
channels
IEC 60670; CEI EN 60529;
IP 44

Article No.:
12.23.070

Pack:
20 pcs.



Two-pole socket-outlet
"F" type (French standar)
IEC 60884-1; CEE7
16A/250V; IP 44

Article No.:
12.23.061
(polycarbonate body)

Pack:
20 pcs.



Two-pole socket-outlet
with protection "F" type
(French standar)
IEC 60884-1; CEE7

Article No.:
12.23.062
(polycarbonate body)

Pack:
20 pcs.



Double horizontal two-pole
socket-outlet "F" type
(French standar)
IEC 60884-1; CEE7

Article No.:
12.23.065
(polycarbonate body)

Pack:
10 pcs.

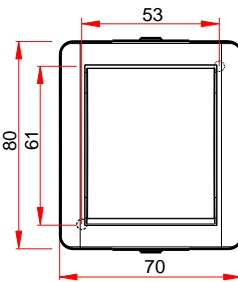


Double vertical two-pole
socket-outlet "F" type
(French standar)
IEC 60884-1; CEE7
16A/250V; IP 44

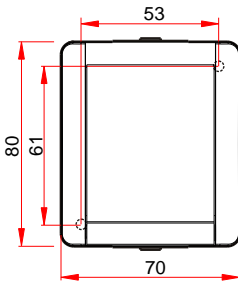
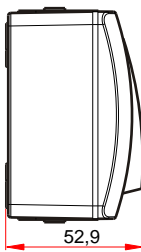
Article No.:
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(polycarbonate body)

Pack:
10 pcs.

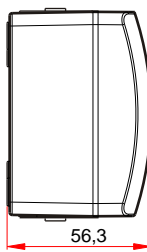
MOUNTING INSTRUCTIONS



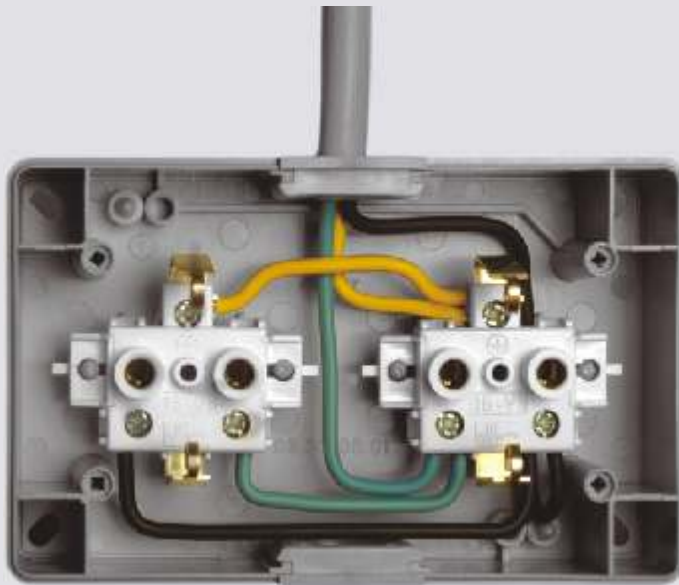
Switches



Socket-outlets



WING OF DOUBLE HORIZONTAL SOCKET-OUTLET SET Q OG



LOWER CASE IN SET Q OG RANGE



mini OG



- Surface mounting
- High quality of sockets and switches subassembly
- Simple and fast assembly, even in poorly accessible places
- Protection level: IP 44
- Small dimensions (basis is a dimension 60 x 70 mm)
- Manufactured in line with European standards
- Common choice of electrical installers
- Switches are made with screw and screwless connection

Within a year from the beginning of selling, product range of switches and sockets for surface mounting, Mini OG, has become a common choice for many buyers.

Replacing of old Apollo OG program, with program of similar characteristics, but with a modern design and mechanism of higher quality, fully succeeded.

Protection level is IP44 (protection against splashing water), and range of products in Mini OG program includes only the most frequent items, which also proves to be correct development decision.

Customers very fast recognized the greatest benefit of Mini OG program - small dimensions (base of the housing has a dimension of 60 x 70 mm), which allows installation in inaccessible places and everywhere where space is an problem. This separates the "Mini OG" from competing programs.



mini DQ



Two-pole socket-outlet
IEC 60884-1, CEE7
16A/250V; IP 44
Surface assembling

Article No.:
18.01.050 (ceramic body)
18.01.051 (polycarbonate body)

Pack:
24 pcs.



Junction box
with 6 channels
IEC 60670; CEI EN 60529;
IP 44

Article No.:
18.01.070

Pack:
20 pcs.

mini DQ



Single-pole switch
IEC 60669-1, IP 44
Surface assembling

Article No.:
10AX/250V
18.01.001 (screwless connection)
18.01.021 (connection with screws)
16AX/250V
18.01.621 (connection with screws)
Pack:
24 pcs.



Two-circuit switch
IEC 60669-1, IP 44
Surface assembling

Article No.:
10AX/250V
18.01.004 (screwless connection)
18.01.024 (connection with screws)
16AX/250V
18.01.624 (connection with screws)
Pack:
24 pcs.



Two-way switch
IEC 60669-1, IP 44
Surface assembling

Article No.:
10AX/250V
18.01.005 (screwless connection)
18.01.025 (connection with screws)
16AX/250V
18.01.625 (connection with screws)
Pack:
24 pcs.



Intermediate switch
IEC 60669-1, IP 44
Surface assembling

Article No.:
10AX/250V
18.01.006 (screwless connection)
18.01.026 (connection with screws)
16AX/250V
18.01.626 (connection with screws)
Pack:
24 pcs.



Double-pole switch
IEC 60669-1, IP 44
Surface assembling

Article No.:
10AX/250V
18.01.002 (screwless connection)
18.01.022 (connection with screws)
16AX/250V
18.01.622 (connection with screws)
Pack:
24 pcs.



Light push-button
IEC 60669-1, IP 44
Surface assembling

Article No.:
10A/250V
18.01.011 (screwless connection)
18.01.031 (connection with screws)
16A/250V
18.01.631 (connection with screws)
Pack:
24 pcs.



Bell push-button
IEC 60669-1, IP 44
Surface assembling

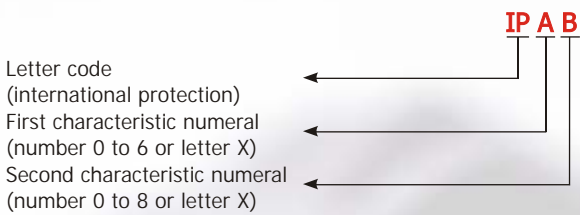
Article No.:
10A/250V
18.01.010 (screwless connection)
18.01.030 (connection with screws)
16A/250V
18.01.630 (connection with screws)
Pack:
24 pcs.



Blind control button
IEC 60669-1, IP 44
Surface assembling

Article No.:
10A/250V
18.01.018 (screwless connection)
18.01.038 (connection with screws)
16A/250V
18.01.638 (connection with screws)
Pack:
24 pcs.

Structure of IP code

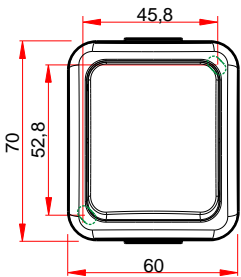


When is not required to specify the characteristic number, number is replaced with the letter X.

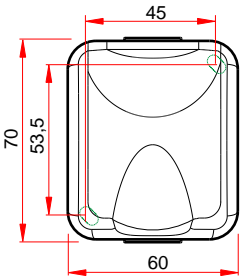
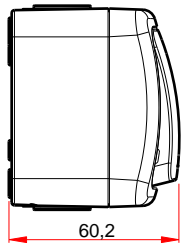
IP code elements and their meaning		
First characteristic numeral	Brief description	Definition
0	Non-protected	/
1	Protected against access to hazardous parts with back of hand	The object probe, sphere of Ø 50mm, shall not fully penetrate
2	Protected against access to hazardous parts with finger	The object probe, sphere of Ø 12,5mm, shall not fully penetrate in housing
3	Protected against access to hazardous parts with tool	The object probe, sphere of Ø 2,5mm, shall not penetrate in housing
4	Protected against access to hazardous parts with wire	The object probe, sphere of Ø 1,0mm, shall not penetrate at all in housing
5	Protected against access to hazardous parts with wire	Ingress of dust is not totally prevented, but dust shall not penetrate in a quantity to interfere with satisfactory operation of the apparatus or to impair safety
6	Protected against access to hazardous parts with wire	No ingress of dust

Second characteristic numeral	Brief description	Definition
0	Non-protected	/
1	Protected against vertically falling water drops	Vertically falling drops shall have no harmful effects
2	Protected against vertically falling water drops when enclosure tilted up to 15°	Vertically falling drops shall have no harmful effects when the enclosure is tilted at any angle up to 15° on either side of the vertical
3	Protected against spraying water	Water sprayed at an angle up to 60° on either side of the vertical shall have no harmful effects
4	Protected against splashing water	Water splashed against the enclosure from any direction shall have no harmful effects
5	Protected against water jets	Water projected in jets against the enclosure from any direction shall have no harmful effects
6	Protected against powerful water jets	Water projected in powerful jets against the enclosure from any direction shall have no harmful effects
7	Protected against the effects of temporary immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time
8	Protected against the effects of continuous immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than for numeral 7

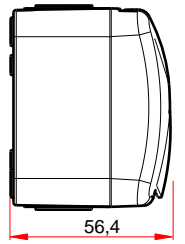
MOUNTING INSTRUCTIONS



Switches



Socket-outlets



Distribution panels



- Distribution panels for wall and flush mounting
- Protection level: IP 44
- Manufactured in line with European standards
- DIN rail and terminal blocks are supplied with the distribution panel
- White or transparent door
- Models for 4, 8, 12, 24 or 36 miniature circuit breakers
- Each row of circuit breakers has a separate door
- Modern design - easily fits into different types of interior

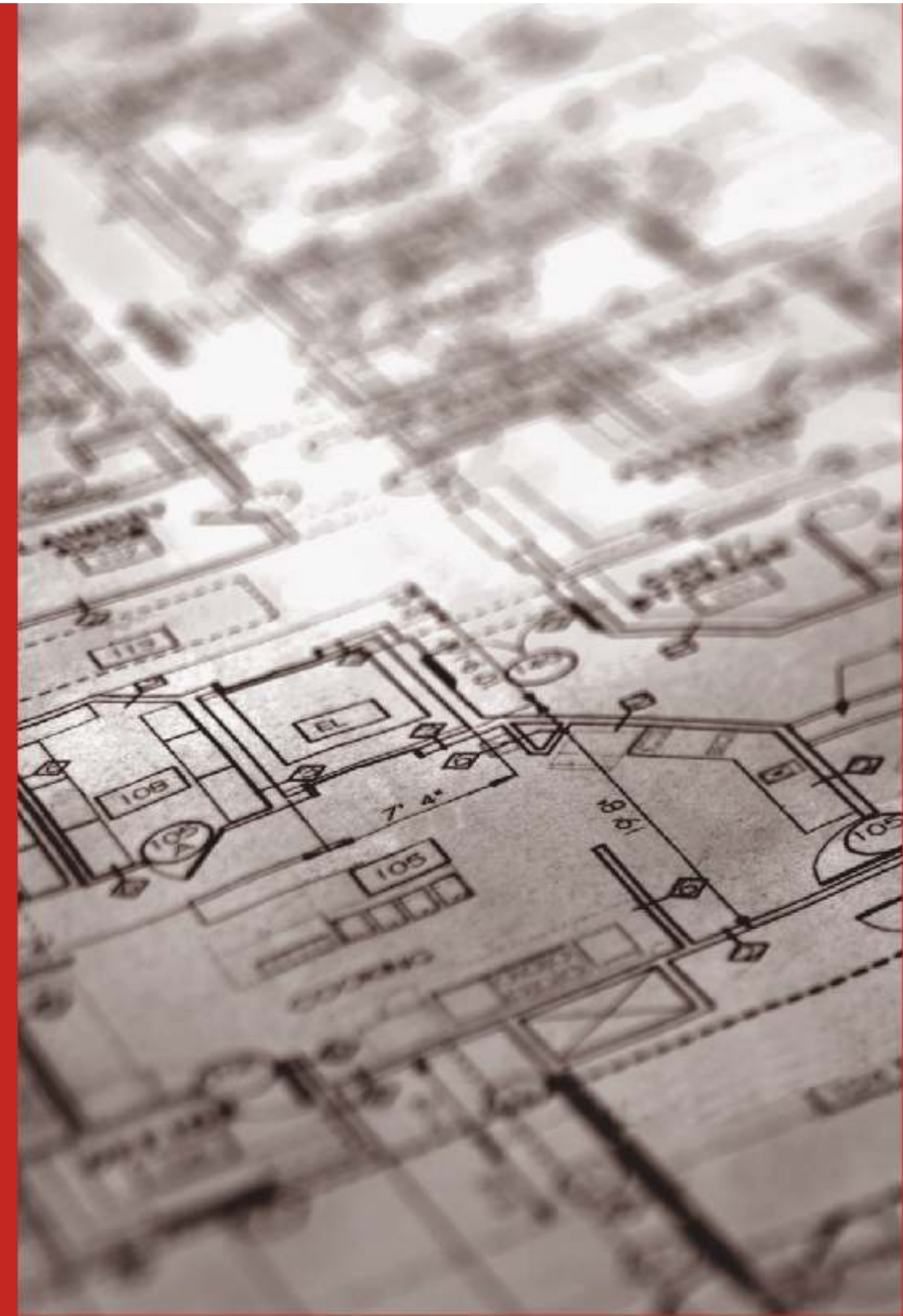
By developing and introducing production of the complete range of distribution boards for miniature circuit breakers, Metalka Majur has completed its range.

Our offer includes both wall and flush mounting models for 4, 8, 12, 24 or 36 miniature circuit breakers.

All distribution boards are produced with white or transparent doors.

Protection level of distribution boards is IP40, while their mounting is fast and very simple, since the box provides enough space for introducing and connecting wires.

Each distribution board is made in accordance with IEC norms. It is also supplied with adequate number of DIN rails and terminal blocks.





Distribution panel MUT 4
Flush assembling
No. of modules (MCBs): 4
No. of DIN rails: 1
No. of terminal blocks 6x9x49 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 156x240x100mm

Article No.:
05.66.81 (transparent door)
05.66.11 (white door)

Pack: 24 pcs.



Distribution panel MUT 8
Flush assembling
No. of modules (MCBs): 8
No. of DIN rails: 1
No. of terminal blocks 6x9x49 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 228x240x100mm

Article No.:
05.65.81 (transparent door)
05.65.11 (white door)

Pack: 12 pcs.



Distribution panel MAT 4
Surface assembling
No. of modules (MCBs): 4
No. of DIN rails: 1
No. of terminal blocks 6x9x49 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 156x240x100mm

Article No.:
05.69.81 (transparent door)
05.69.11 (white door)

Pack: 24 pcs.



Distribution panel MAT 8
Surface assembling
No. of modules (MCBs): 8
No. of DIN rails: 1
No. of terminal blocks 6x9x49 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 228x240x100mm

Article No.:
05.68.81 (transparent door)
05.68.11 (white door)

Pack: 12 pcs.

Distribution panel MUT 12
Flush assembling
No. of modules (MCBs): 12
No. of DIN rails: 1
No. of terminal blocks 6x9x81 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 300x240x100mm

Article No.:
05.60.81 (transparent door)
05.60.11 (white door)

Pack: 12 pcs.



Distribution panel MAT 12
Surface assembling
No. of modules (MCBs): 8
No. of DIN rails: 1
No. of terminal blocks 6x9x81 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 300x240x100mm

Article No.:
05.62.81 (transparent door)
05.62.11 (white door)

Pack: 12 pcs.



Distribution panel MUT 24
Flush assembling
No. of modules (MCBs): 24
No. of DIN rails: 2
No. of terminal blocks 6x9x105 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 300x365x100mm



Article No.:
05.61.81 (transparent door)
05.61.11 (white door)

Pack: 8 pcs.



Distribution panel MUT 36
Flush assembling
No. of modules (MCBs): 36
No. of DIN rails: 3
No. of terminal blocks 6x9x117 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 300x530x100mm

Article No.:
05.64.81 (transparent door)
05.64.11 (white door)

Pack: 4 pcs.



Distribution panel MAT 24
Surface assembling
No. of modules (MCBs): 24
No. of DIN rails: 2
No. of terminal blocks 6x9x105 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 300x365x100mm



Article No.:
05.63.81 (transparent door)
05.63.11 (white door)

Pack: 8 pcs.



Distribution panel MAT 36
Surface assembling
No. of modules (MCBs): 36
No. of DIN rails: 3
No. of terminal blocks 6x9x117 per distribution panel: 2
IEC 60670; CEI EN 60529
IP 40
Dimensions: 300x530x100mm

Article No.:
05.67.81 (transparent door)
05.67.11 (white door)

Pack: 4 pcs.



Mounting box Ø60mm
Made of thermoplast
IEC 60670
Flush assembling

Article No.:
01.43.00

Pack:
200 pcs.



Mounting box for multiple
frames Ø60mm
Made of thermoplast
IEC 60670
Flush assembling

Article No.:
05.00.001

Pack:
420 pcs.



Mounting box for multiple
frames Ø60 mm - deep
Made of thermoplast
IEC 60670
Flush assembling

Article No.:
05.00.012

Pack:
330 pcs.



Mounting box for three-
pole socket-outlet with
fastening screws
Made of thermoplast
IEC 60670
Flush assembling

Article No.:
01.11.02

Pack:
300 pcs.

junction boxes



Mounting box Ø78mm
Made of thermoplast
IEC 60670
Flush assembling

Article No.:
01.42.00

Pack:
252 pcs.



Junction box 81 x 81mm,
with 12 channels
Made of thermoplast
IEC 60670
Surface assembling; IP 54

Article No.:
50.01.001

Pack:
20 pcs.



Junction box
100 x 100 mm
Made of thermoplast
IEC 60670; CEI EN 60529
Flush assembling; IP 40

Article No.:
08.10.00

Pack:
8 pcs.



Junction box
156 x 240 mm
Made of thermoplast
IEC 60670; CEI En60529
Flush assembling; IP 40

Article No.:
08.04.01

Pack:
24 pcs.



Junction box
156x240mm
Made of thermoplast
IEC 60670; CEI EN 60529
Surface assembling; IP 54

Article No.:
08.06.01

Pack:
24 pcs.



Junction box
228x240mm
Made of thermoplast
IEC 60670
Flush assembling; IP 40

Article No.:
08.05.01

Pack:
15 pcs.



Mounting box
141x77mm
(for bathroom switch)
Made of thermoplast
IEC 60670;
Flush assembling
Article No.:
01.73.00

Pack:
215 pcs.



Junction box
for fixed connection
IEC 60670-1;
Voltage up to 440V; IP 44
Flush assembling;
Conductor up to 2,5mm²;
Article No.:
01.55.00

Pack:
24 pcs.



Box of equalization of
potentials
Made of thermoplast
(for connection of 6 conductors
diameter up to 6mm² and one
conductor up to 16mm²)
IEC 60670;
Flush assembling; IP 40
Article No.:
08.11.01

Pack:
8 pcs.

Portable socket-outlets

Maximum power: 3500W
16A / 250V;
Cable: H05VV-F 3G1,5 mm²;

CEE7/III; IEC 60884-1



portable socket-outlets

Item	Colour	Article No.		Pack (pcs)
		Without tumbler switch	With tumbler switch	
Portable socket outlet with 3 outlets Cable length: 1,5m;	White	01.27.60	01.28.60	15
Portable socket outlet with 3 outlets Cable length: 3m;	White	01.27.20	01.28.20	10
Portable socket outlet with 3 outlets Cable length: 5m;	White	01.27.30	01.28.30	10
Portable socket outlet with 6 outlets Cable length: 1,5m;	White	01.52.60	01.53.60	9
Portable socket outlet with 6 outlets Cable length: 3m;	White	01.52.20	01.53.20	6
Portable socket outlet with 6 outlets Cable length: 5m;	White	01.52.30	01.53.30	6

electrical accessories



Two-pole plug
16A/250V
"L" type

Article No.:
51.01.021 (white)
51.15.021 (black)

Pack:
70 pcs.



Three-pole plug
16A/440V
"L" type

Article No.:
51.01.031 (white)
51.15.031 (black)

Pack:
30 pcs.



Shutter for two-pole
socket-outlet
Made of thermoplast

Article No.:
06.51.01

Pack:
50/2000 pcs.



Socket with residual current device
Rated voltage: 230 VAC (45 - 60Hz)
Rated electric current: 16 A
Rated differential current: 30 mA
Diameter of conductor: 1,5 - 2,5 mm²
Temperature range: - 25°C ... + 40°C
Climatic influence resistance: EN 61008

Article No.:
31.01.001 (screwless connection)

Pack:
1 pcs.



Socket with residual current device
(blind type)
Rated voltage: 230 VAC (45 - 60Hz)
Rated electric current: 16 A
Rated differential current: 30 mA
Diameter of conductor: 1,5 - 2,5 mm²
Temperature range: - 25°C ... + 40°C
Climatic influence resistance: EN 61008

Article No.:
31.01.002 (screwless connection)

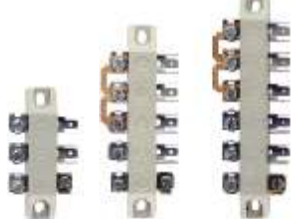
Pack:
1 pcs.



Cable holder OG 8-18mm

Article No.:
01.44.00

Pack:
50/3500 pcs.



Terminal block
Made of ceramics. Contacts
are made of steel and brass
SRPS EN 60998-1

Article No.:
04.03.00 (three-pole)
04.05.00 (five-pole)
04.06.00 (six-pole)

Pack:
5 pcs.



Single-pole tumbler switch
with pilot light for building in
16AX/250V
IEC 60669-1

Article No.:
01.72.10

Pack:
60 pcs.



Wall protection plate
Made of ABS

Article No.:
06.00.001 (transparent)
06.01.001 (white)

Pack:
5/90 pcs.



Example of
assembling of
socket with residual
current device
(blind type) into a
multiple frame

THE ADVANTAGES OF THE SOCKET WITH RESIDUAL CURRENT DEVICE WHEN COMPARED TO THE FL PROTECTION SOCKET ARE NUMEROUS:

- Much higher sensitivity (30 mA);
- Only the appliance with the failure is turned off;
- The failure is easily detected, while other appliances can continue functioning without any problems;
- Protects against shock hazard and also against fire due to high sensitivity;
- Possibility of installment into all types of network (the installation of FI protection socket is not allowed in all networks)
- Installation without any special additional works or preparations. Socket residual current devices are installed into standard mounting boxes, while the connection with conductors is screwless which makes the installation faster and easier.
- All electrical appliances connected to the socket residual current device are protected. However the electrical installation to the socket residual current device is not protected.
- On output conductors which are protected other ordinary sockets can also be connected and in that case they are protected too.

SPECIAL FIELDS FOR USE OF SOCKET WITH RESIDUAL CURRENT DEVICE:

- Bathrooms, terraces, etc., where socket-outlets may be influenced by humidity;
- Industrial buildings;
- Laboratories;
- Airports;
- Emergency power generators, vending and ticket

DESCRIPTION OF A PRODUCT:

Socket with residual current device has integrated protection sensitive to alternating and pulsing direct residual current.

The principle of functioning of this special current protection device i.e. of the socket with residual current device is the same as with the fault-current protection socket FI.

ASSORTMENT:

Two models are supplied:

- Socket with residual current device (design of Royal production program)
- Socket with residual current device - blind type (design of Premier Plus production program)

IMPORTANT!

The product must be assembled by a professional electrician.

electrical



"T" adaptor 2P
16A/250V
2 connection points

Article No.:
07.01.002

Pack:
25 pcs.



"T" adaptor 3P
16A/250V
3 connection points

Article No.:
07.01.003

Pack:
25 pcs.



16A/250V
MAX 3500W
IP20
Packaging 25 pcs.
CE

Application of products

- **Switches: Premijer plus, Status, Royal, Royal Exclusive, Emporio, Happy**
 - Used for households and similar applications.
 - Flush assembling.
 - Assembling to mounting boxes Ø60mm.
 - Application for alternating current with voltage up to 250V and electric current up to 10A or 16A.



- **Switches: Set Q OG, mini OG**
 - Owing to its level protection secured by housing (IP44), they are used both in industry and households.
 - Surface assembling.
 - Application for alternating current with voltage up to 250V and electric current up to 10A or 16A.



- **Switches: Kombo**
 - Used for households and similar applications.
 - Flush assembling.
 - They are built into installation boxes for modular programs; Width combinations 1M and 2M (one and two modules) can be mounted in installation boxes Ø60mm. Kombo product range is compatible for mounting into installation boxes of other producers.
 - Application for alternative currents with voltage up to 250V and electric current up to 16A.



- **Socket-outlets: Premijer plus, Status, Royal, Royal Exclusive, Emporio, Happy**
 - Used for households and similar applications.
 - Flush assembling.
 - Assembling to mounting boxes Ø60mm.
 - Application for alternating current with voltage up to 250V and electric current up to 16A.



- **Socket-outlets: Set Q OG, mini OG**
 - Owing to its level protection secured by housing (IP44), they are used both in industry and households.
 - Surface assembling.
 - Application for alternating current with voltage up to 250V and electric current up to 16A.



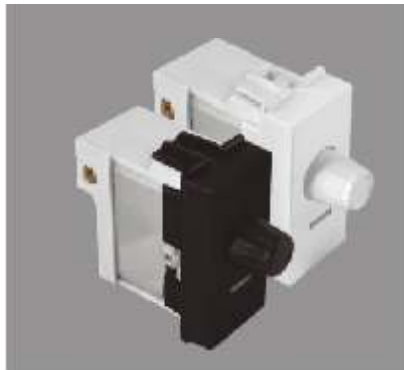
- **Socket-outlets: Kombo**
 - Used for households and similar applications.
 - Flush assembling.
 - They are built into installation boxes for modular programs; Width combinations 1M and 2M (one and two modules) can be mounted in installation boxes Ø60mm. Kombo product range is compatible for mounting into installation boxes of other producers.
 - Application for alternating current with voltage up to 250V and electric current up to 16A.



- **Dimmers 2M: Premijer plus, Status, Royal, Royal Exclusive, Emporio, Kombo**
 - They are used for light power control of bulbs of alternating current 230V, power 60-550W in households and similar spaces.
 - Flush assembling.
 - Assembling to mounting boxes Ø60mm.



- **Dimmers 1M: Kombo**
 - They are used for light power control of bulbs of alternating current 230V, power 100-500W in households and similar spaces.
 - Flush assembling.
 - They are built into installation boxes for modular programs; Width combinations 1M and 2M (one and two modules) can be mounted in installation boxes Ø60mm. Kombo product range is compatible for mounting into installation boxes of other producers.
 - When mounting several dimmers 1M in the same mounting box, an empty module should be mounted between two dimmers in order to reduce heating of the housing as much as possible.



- **Portable socket-outlets**
 - Used for households and similar applications.
 - 16A/250V; Maximum power 3500W.
 - Cable diameter: 1,5 mm²
 - Plug head is cast on the cable.



- **Distribution panels**
 - They are used for multi-floor distribution of electrical installation in households and similar spaces.
 - Flush assembling (MUT) and surface assembling (MAT).
 - Dimensions of boards are related to number of miniature circuit breakers: 4, 8, 12, 24 and 36.
 - Metalka Majur produces all models of its distribution panels in two options - with white and transparent doors.



- **Installation boxes**
 - Mounting boxes**
 - Installation boxes without cover are used for introduction and placing of connectors and different types of assemblies and flush mounting socket outlets.
 - Made of thermoplast, with different dimensions: Ø60mm, Ø78mm.
 - Junction boxes**
 - Installation boxes with covers are used for introduction and placing of connectors at joint locations.
 - Made of thermoplast, with different dimensions.

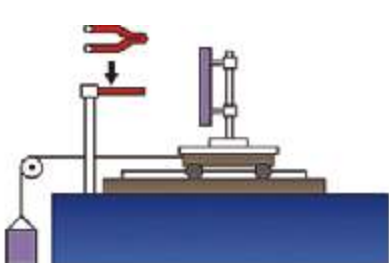
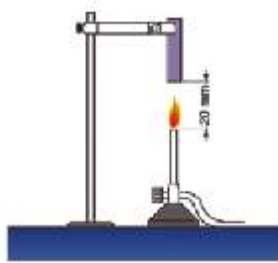


Materials

- Right choice of insulation material for making buttons, covers, frames, housings and other plastic elements secures complete protection of users against electric shocks.
- Flammability of plastic materials

Test based on standard UL 94 show the burning behavior of material, speed of burning as well as possibility of extinguishing and not spreading the flame.

Test is performed by heating the plastic material sample by use of Bunsen burner. A cotton mat is placed under the sample so that its behavior could be monitored while the melted material drips on it.



GWT test – Glow wire test
Glow wire test simulates thermal stress on plastic material which can occur when material is exposed to ignition source for short period of time. These tests are performed in accordance with the IEC 60695-2-1 Standard - Glow-wire and-product test and guidance. Heating source is a glow wire of diameter ø4mm which is applied on the sample for 30 seconds. Test temperatures defined by adequate standards for the tested samples are:
• 650 °C
• 750 °C
• 850 °C
• 960 °C

Each developed flame must extinguish in 30s after removing the glow wire. The melted material which dribbles must not burn the paper positioned under the sample.

- „Halogen free“ materials – materials which do not contain halogen elements.

The halogens are five non-metallic elements which belong to the 17th group of the periodic table (fluorine, chlorine, bromine, iodine, and astatine). However, the halogens in plastic materials are their compounds which are added as flame retarding additives. Nevertheless in case of burning material, i.e. in case of fire, these compounds can lead to release of toxic gases and huge amount of smoke. Some of these compounds have been forbidden by EU directives (WEE directive and ROHS directive), but generally European and world market increasingly expels all materials containing halogen elements. This has led to the latest tendency of adding, so called, non-halogenated flame retarding additives to the plastic materials (without presence of halogen elements), i.e. halogen free materials are used.

- Continuous service temperature

The working temperature is the highest or the lowest temperature at which material is suitable for long term application. Actually these temperatures reveal the material resistance to prolonged exposure to certain temperature. These are usually given by producer together with conditions under which the material is tested or



SOCKET-OUTLETS WITH POLICARBONATE/CERAMIC BODY

- European Union directives

All plastic materials used for making products by Metalka Majur meet all EU directives which contain general safety requirements, such as:

- 1.EU Directive 2002/95/EC – ROHS directive – Restriction of the use of certain hazardous substances in electrical and electronic equipment : max 0.1% by weight Pb, Hg, Cr6+ , PBB, PBDE and 0.01% by weight Cd.
- 2.EU Directive 2002/96/EC – WEE directive - Waste electrical and electronic equipment - The treatment, recovery and recycling of electric and electronic equipment without dangerous for environment.
- 3.EU Directive 2003/11/EC – Restrictions on the marketing and use of certain dangerous substances and preparations : pentabromodiphenyl ether, octabromodiphenyl ether.
- 4.EU Directive 2006/122/EC - Restrictions on the marketing and use of certain dangerous substances and preparations : perfluorooctane sulfonates.
- 5.Ecological EU Directive : 67/548/EEC; 1999/45/EEC; 76/769/EEC – Laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Safety

Metalka Majur's products have been construed and designed to secure reliable, safe and environment friendly use. Parts under voltage are not accessible even after removing outside parts from insulation material, i.e. button and decorative frame. . Right choice of insulation material for making buttons, covers, frames, housings and other plastic elements secures complete protection of users against electric shocks.

Connections

The characteristics of both types of connections for switches and socket outlets (screw and spring) are as follows:

Product	Rated current	Type of connection	Type of conductor	Diameter of conductor
Switches	10A	Screw	- rigid single-core conductor - rigid multi-core conductor	(1 ÷ 2,5) mm²
	10A	Spring	- rigid single-core conductor - rigid multi-core conductor	(1,5 ÷ 2,5) mm²
	16A	Screw	- rigid single-core conductor - rigid multi-core conductor	(1,5 ÷ 4) mm²
Socket-outlet	16A	Screw	- rigid single-core conductor - rigid multi-core conductor	(1 ÷ 4) mm²



Advantages of screw connections

The right choice of materials of appropriate chemical composition secures excellent mechanical strength, electrical conductivity and conductor's resistance against corrosion.

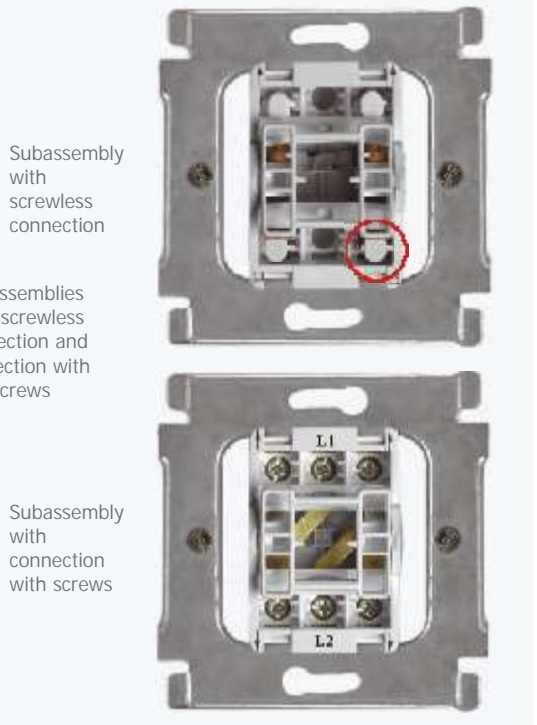
Possibility of damages during installation is avoided due to mechanical strength of the screw and nut. This damage would affect the further exploitation of the screw connection (damage of threads, damage of flutes on the screw head, etc).

Advantages of screwless connections

Simplicity of connecting and disconnecting conductors. When connecting the conductor, it is necessary to remove insulation from it and insert it into appropriate connection spot without using tools (screw driver). Disconnecting is quite simple by pressing the push button above the conductor which we want to disconnect. It means that there are no additional operations in either case (tightening or loosening screws) which makes mounting/dismounting faster.

Easy determination of phase: The connection under the red push button is used for connecting the phase (upstream) conductor. Separate introduction of two conductors into same connection. Screw-less connection makes possible for inserting two conductors "one after another". This makes installation of switch easier especially when more complicated switches are mounted (intermediate switch, two-way two-pole switch, double two-way switch...). This system of separate introduction cannot be applied in case of screw connection where both conductors must be inserted in the same time, followed by tightening the screw.

Sufficient and constant pressure without damaging conductor: Appropriate design allows for secure connection between conductor and flexible spring.



Resistance to electrical, mechanical and thermal

Switches and socket outlets are designed and made to withstand electrical, mechanical and thermal stresses which occur during regular exploitation, without being worn out or damaged in some other way.

Switches (10A and 16A) have the appropriate power of switching on and off in more demanding conditions than regular use: - Voltages equal to 1.1 times indicated voltage (1.1Un) - Current 1,25 times indicated current (1,25In), - Phase shift $\cos \varphi = 0,3$

Switches (10A and 16A) are projected in order to endure 40.000 position changes at indicated voltage and indicated current with phase shift $\cos \varphi = 0,6$. Switch operation does not produce permanent electrical arc. It also does not lead to loosening electrical and mechanical connections, damage of housing, excessive wearing out of contacts, welding of contacts, etc. Switches (10A and 16A) are labeled as 10AX and 16AX. Label X means that the switches can be used and loaded with fluorescent bulbs. They are resistant to tensions occurring in electrical circuits of capacitive character with power factor $\cos \varphi = 0,9$.

Socket outlets 16A have appropriate interrupting power in more demanding conditions than regular use: - Voltages equal to 1,25 times indicated voltage (1,25Un) - Current 1,25 times indicated current (1,25In) - Phase shift $\cos \varphi = 0,6$

Socket outlets 16A have been designed to perform at least 10.000 strokes at indicated voltage and indicated current with phase shift $\cos \varphi = 0,8$. The operation of the socket outlet does not produce permanent electrical arc. It also does not lead to loosening electrical and mechanical connections, damage of housing or damage of inlet holes for plug pins. Owing to right choice of material and good designing solution of contact capsule, socket outlets retain satisfying flexibility even at large number of plugging ins and outs. This means reliable contact joint between socket capsules and plugs.

Characteristics of 16A switches

Switch 16AX has been made respecting the need for their application in electrical circuits where the switch 10AX cannot meet the requirements. In order to meet requirements of European standards, its properties have been considerably improved in comparison to switch 10A. These improvements are as follows:

- increased thickness of contact
- the suitable layer of silver is additionally applied on contacts in order to improve their electrical conductivity
- connectors make it possible to install conductor with cross section up to 4 mm²

Characteristics of switches and socket-outlets for surface assembling

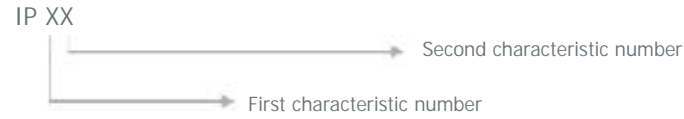
- Additional screw connector**
Set Q OG switches are equipped with additional screw connector located inside, on lower box. It makes possible to continue other electrical circuits (such as grounding electrical circuit).
- Cable lead-in**
Adequate design and right choice of material make it easy to insert the cable even when the environmental temperature is considerably higher or lower than the regular one (-15 ÷ 70)°C. Concentric circles at the cable lead-in facilitate the choice of size of opening which is to be formed. It depends on cable diameter which is to be inserted.

Double cable lead-in allows for fast and easy lining of switches and sockets into the multiples. By being precisely and reliably fitted into, it contributes to regular position of each switch and socket in line.

Enough space between sub-assembly and housing, i.e. lower box is left, thus enabling a free passage for the conductor.

By appropriate structure of protection housing, electrical equipment with increased protection level provides:

- Protection of people against touching dangerous parts within housing;
- Protection of equipment within housing against penetration of solid objects (first characteristic number);
- Protection of equipment within housing against penetration of water (second characteristic number);



-Electric equipment with protection level IP 44 provides:



Advantages of socket-outlets with protection

- Socket outlets with protection are designed in such a way so that the protection element should hide the parts under voltage when the plug is taken out.
Protection element of the socket outlet is made of wear resistant material. In practice wearing can occur due to manipulation and exploitation of plugs.
Protection element is moved by inserting the plug. If you approach it with tools or some objects it will not move and parts under voltage will remain hidden and inaccessible. This is why socket outlets with protection find their application in premises designed for children (schools, kinder gardens, bed rooms...).

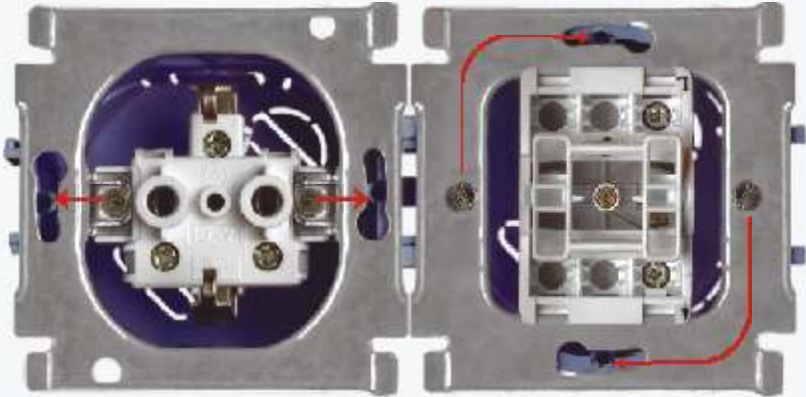


Assemblin

- Screws for tightening covers on socket outlets are loss protected. After loosening the screw and removing covers, the screw remains trapped in the socket cover, thus being protected against loss in the process of socket mounting.

Metal frame is insulated against all parts under voltage.

Metal structure of frame is adjusted for mounting into in-line boxes.



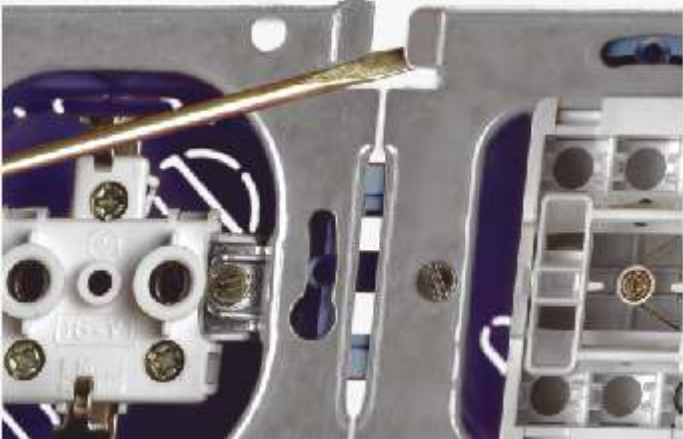
Screws which are already present may be used for assembling to mounting boxes for multiple frames. They only have to be put to appropriate ports.

FIXING OF SUBASSEMBLIES INTO MOUNTING BOXES FOR MULTIPLE FRAMES

More useful information!

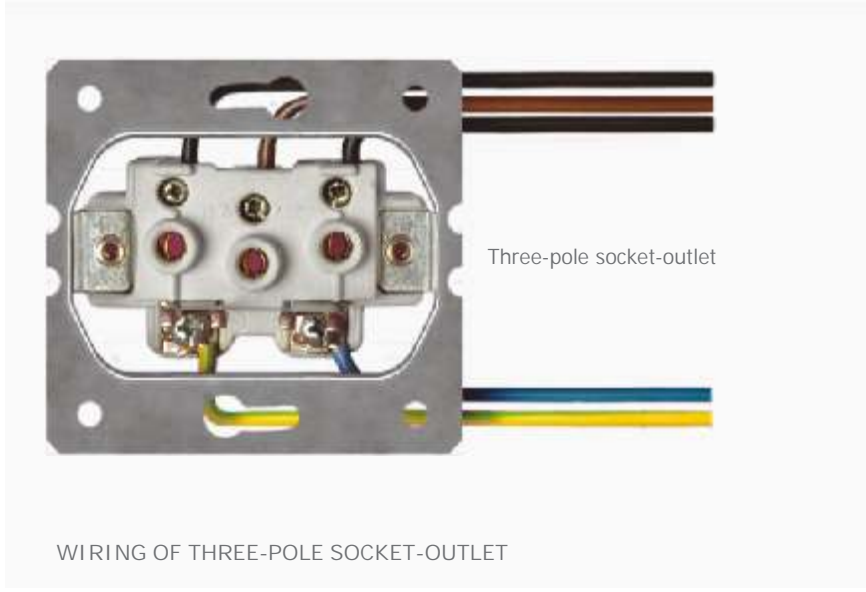
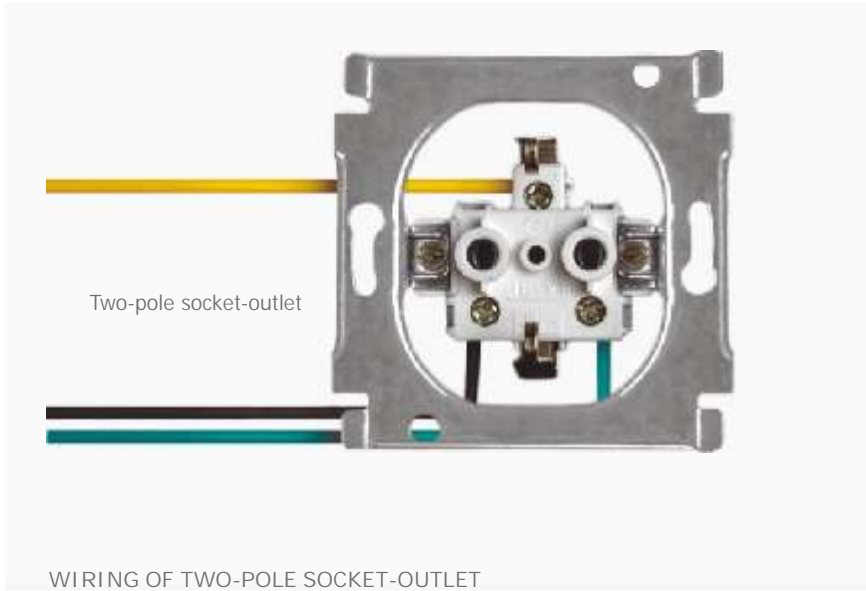
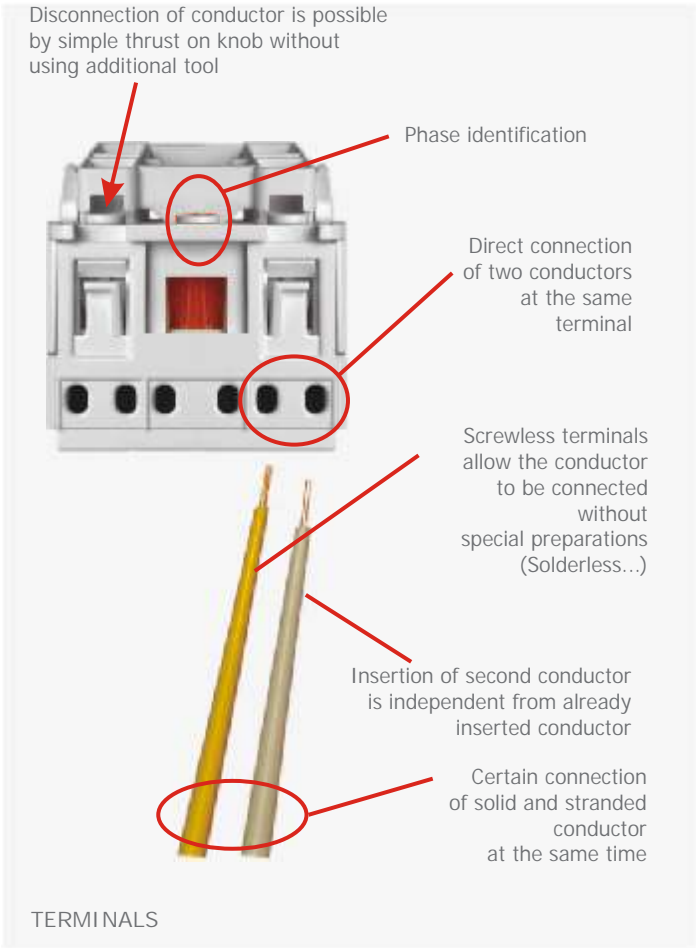
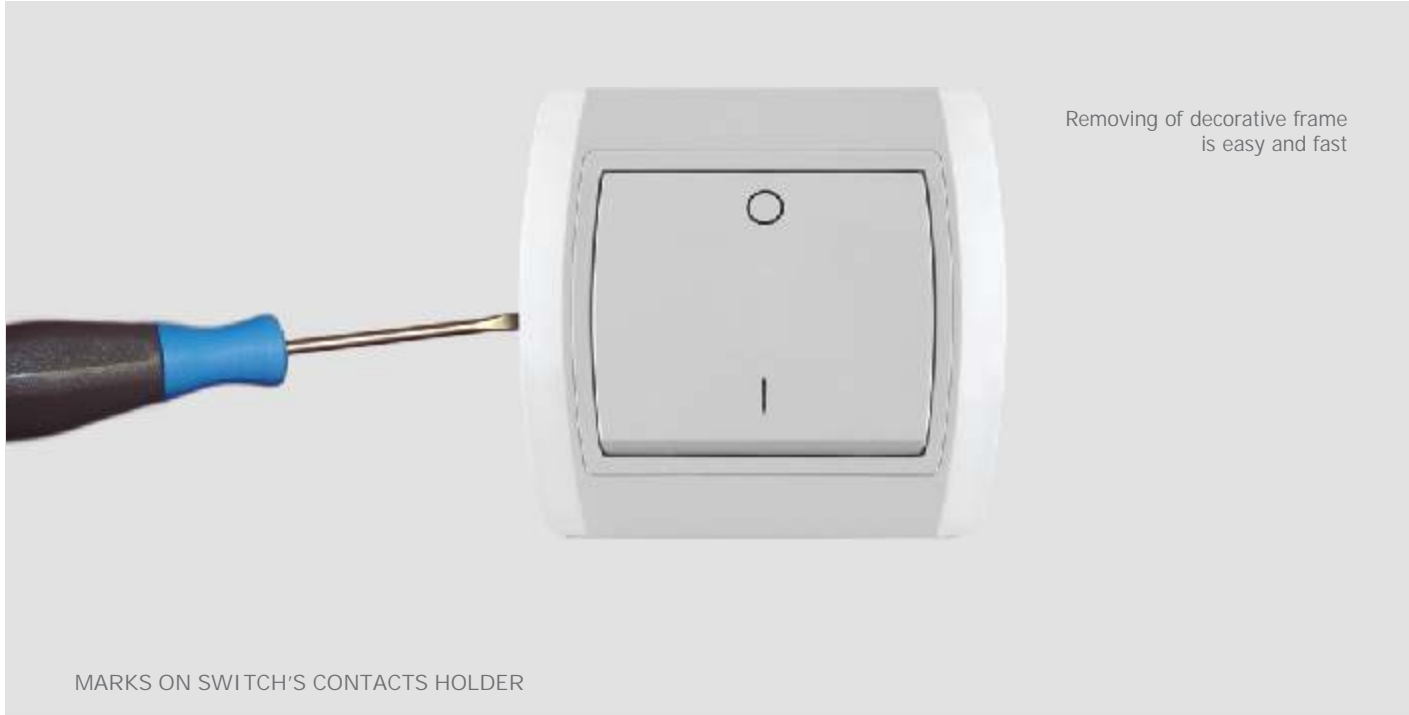
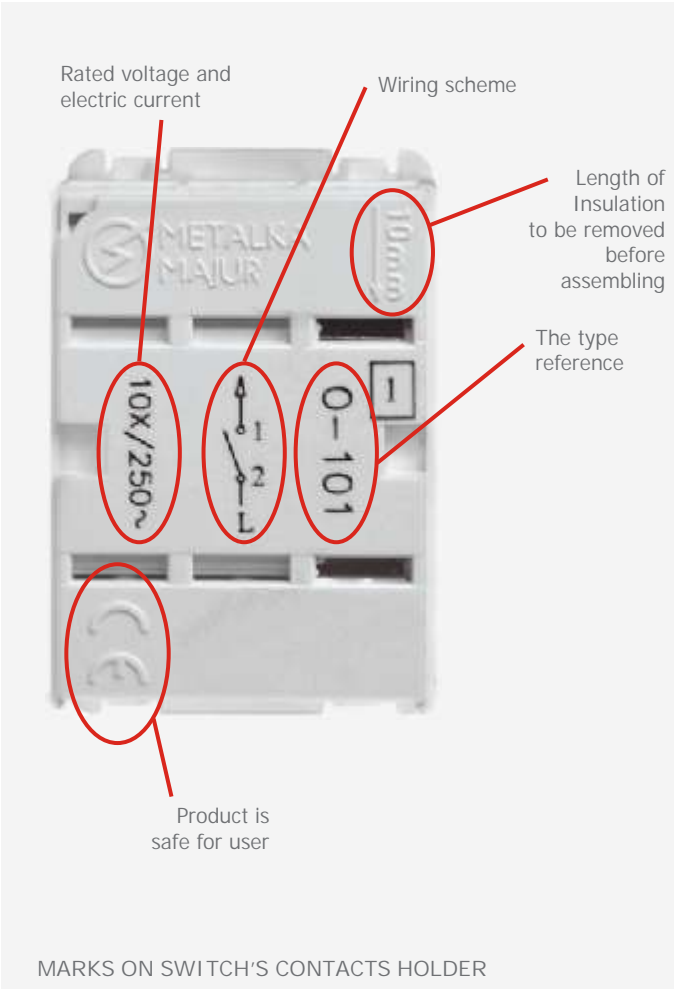
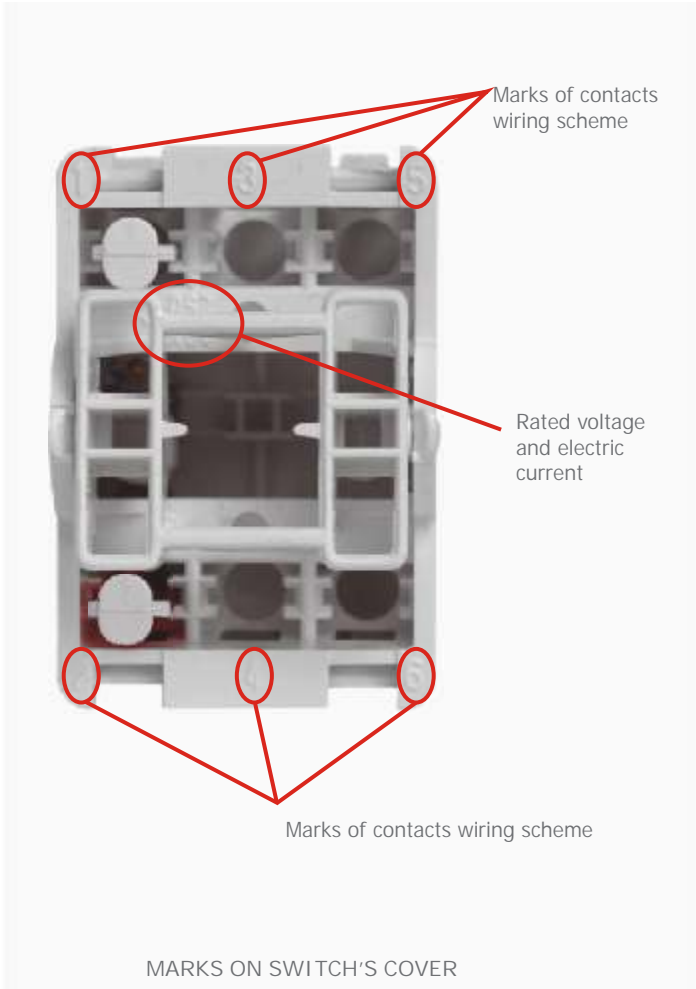
- Mechanism**
Mechanism of switches is made in such a way that movable contacts can have only "on" and "off" positions. Operational mechanism cannot be set in some intermediate position. In this way, when slowly operating the mechanism (button) the excessive electrical arc which negatively influence the contact life does not appear.

Mechanism of the two-pole and three-pole switches makes possible for interrupting all poles of the switch simultaneously. This prevents overload of any pole when switching on or off the switch.



POSSIBILITY OF OFFSET AND ALIGNMENT OF METAL FRAMES

Possibility of offset and alignment of metal frames during assembling to mounting boxes for multiple frames



MOUNTING INSTRUCTIONS

Wiring of a socket outlet is performed by screws. Wiring of a switch depends of switch type (screwless or with screws), and is performed by screws or by simple introduction of blanked wire end (the end with removed insulation) into appropriate gap, following the wiring scheme. In case that the wire should be disconnected from the screwless switch, it is necessary to push the corresponding button, thus releasing the wire from the clamp and then simply draw out the wire.

Flush-assembling switches

1. Switch off power supply (safety fuse, the mains);
2. Remove the push-button(s) and built-in, decorative frame;
3. Prepare the wires for connection (remove insulation in length of 10 mm);
4. Connect the prepared wires according to the given wiring scheme;
5. Put the switch subassembly into mounting box, level it and fasten the screws;
6. Mount both built-in, decorative frame and the push button(s);
7. Switch on power supply.

Flush-assembling socket-outlets

1. Switch off power supply (safety fuse, the mains);
2. Unscrew the cover central screw and remove the cover;
3. Prepare the wires for connection (remove insulation in length of 10 mm);
4. Connect the prepared wires according to the given wiring scheme;
5. Put the socket subassembly into mounting box, level it and fasten the screws;
6. Mount the socket cover;
7. Switch on power supply;

Surface-assembling switches

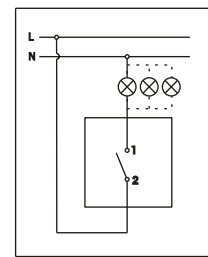
1. Switch off power supply (safety fuse, the mains);
2. Remove the push-button(s) and upper switch case;
3. Make the opening at the cable leads according to the diameter of cable for installation;
4. Fix the lower case to place intended for switch assembling;
5. Prepare the cables for connection (remove insulation in length of 10 mm);
6. Connect the prepared wires according to the given wiring scheme;
7. If necessary use the screw from lower switch case for connection of protective wire;
8. Mount the upper case and push button(s);
9. Switch on power supply.

Surface- assembling socket-outlets

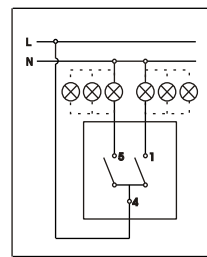
1. Switch off power supply (safety fuse, the mains);
2. Unscrew the socket-outlet upper case screws and remove the upper case;
3. Make the opening at the cable leads according to the diameter of cable for installation;
4. Fix the lower case in place intended for socket-outlet assembling;
5. Prepare the cables for connection (remove insulation in length of 10 mm);
6. Connect the prepared wires according to the given wiring scheme;
7. If necessary use the screw for connection of protective wire;
8. Mount the upper case;
9. Switch on power supply.

IMPORTANT!

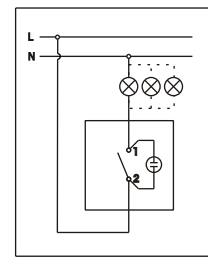
INSTALLATION CAN BE DONE ONLY BY PROFESSIONALLY TRAINED PERSON!



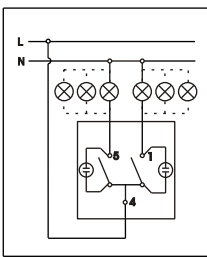
Single-pole switch



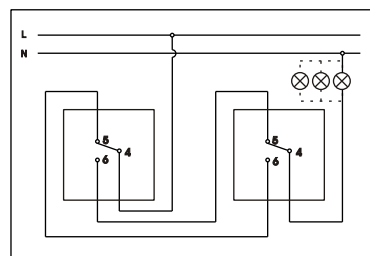
Two-circuit switch



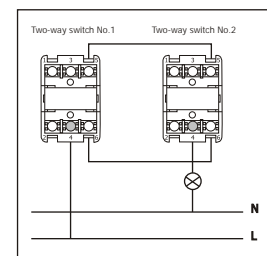
Single-pole switch with pilot light



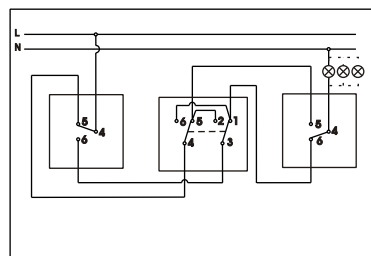
Two-circuit switch with pilot lights



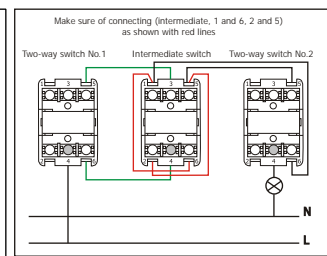
Two-way switch



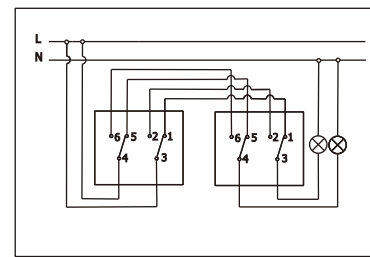
Wiring of two-way switches



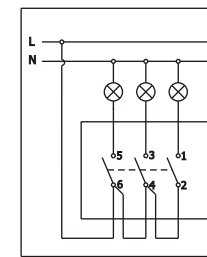
Intermediate switch



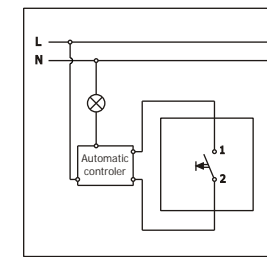
Wiring of intermediate switch



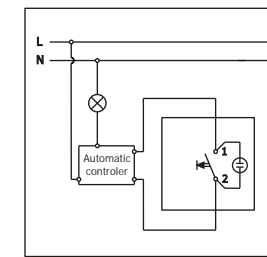
Double two-way switch



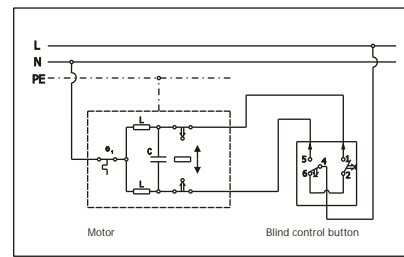
Three-pole switch



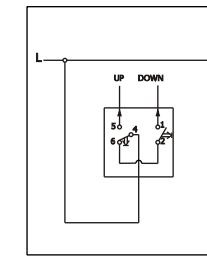
Light push-button



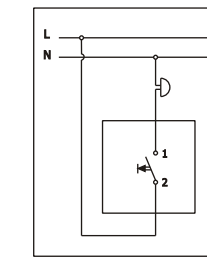
Light push-button with pilot light



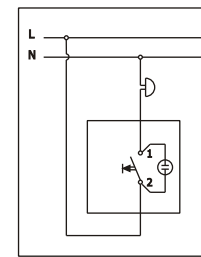
Wiring of blind control button and motor



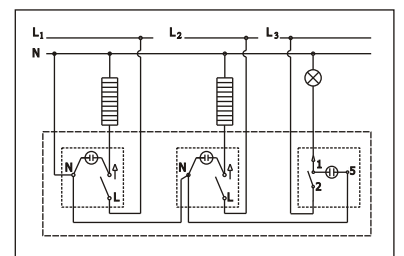
Blind control button



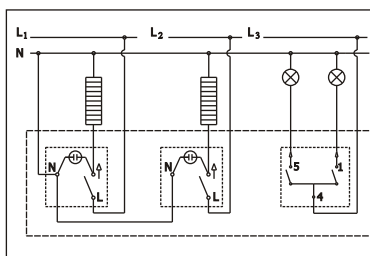
Bell push-button



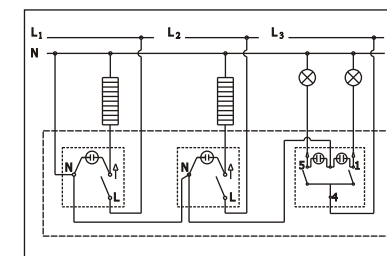
Bell push-button with pilot light / SOS push-button with pilot light / Push-button with illuminated label and pilot light



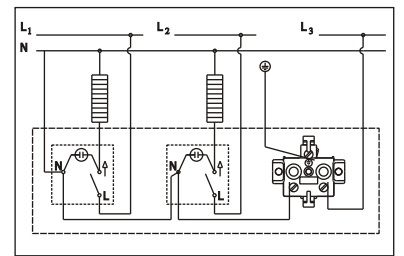
Vertical bathroom switch



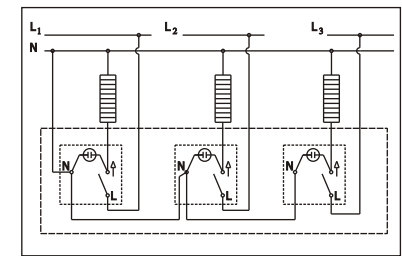
Vertical bathroom switch with two-circuit switch



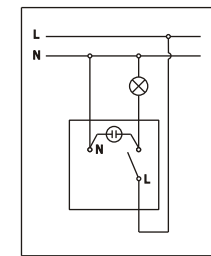
Vertical bathroom switch with two-circuit switch and pilot lights



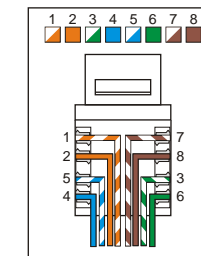
Vertical bathroom switch with two-pole socket-outlet



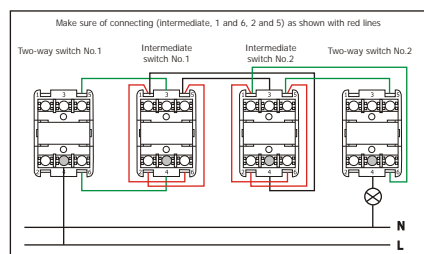
Horizontal bathroom switch



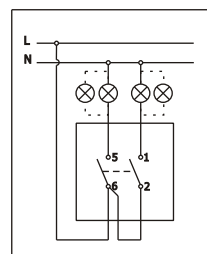
Single-pole switch with tumbler switch and pilot light



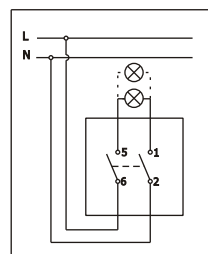
Communication socket Cat6



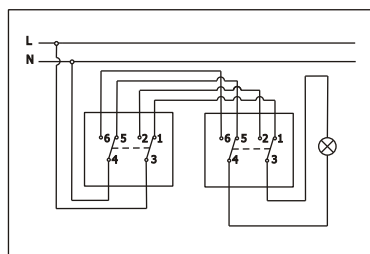
Wiring of two intermediate switches



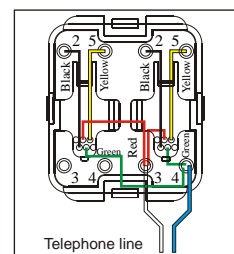
Double-pole switch



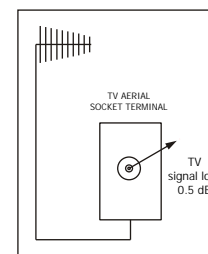
Double-pole switch (Wiring possibility No. 2)



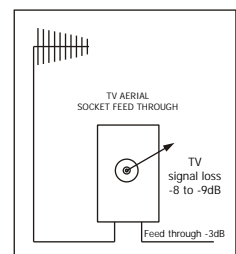
Two-way double-pole switch



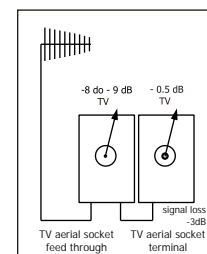
Telephone socket with two modules



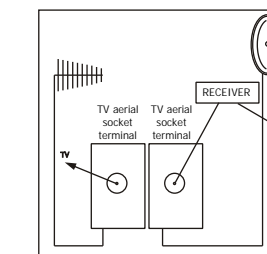
TV aerial socket 1M terminal



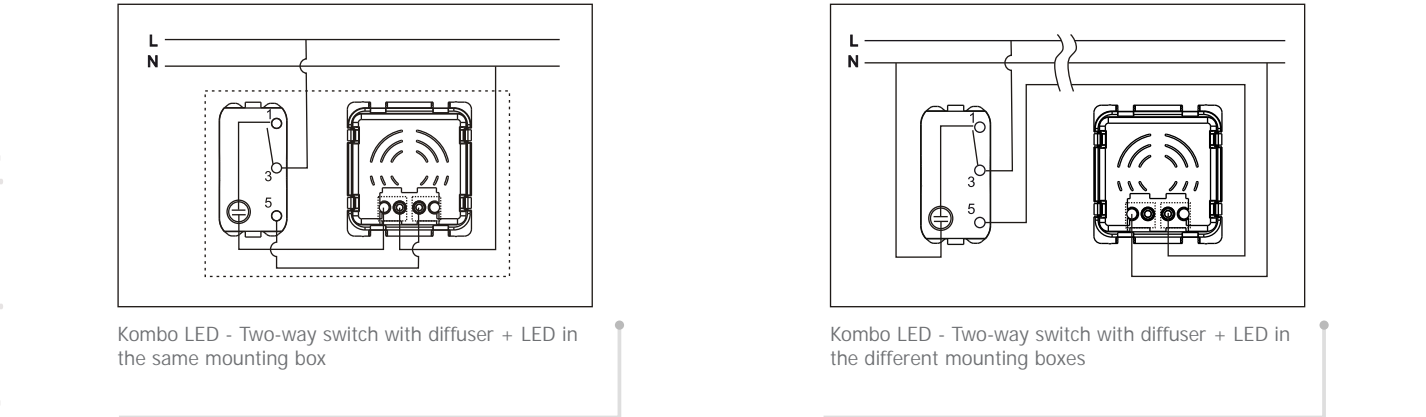
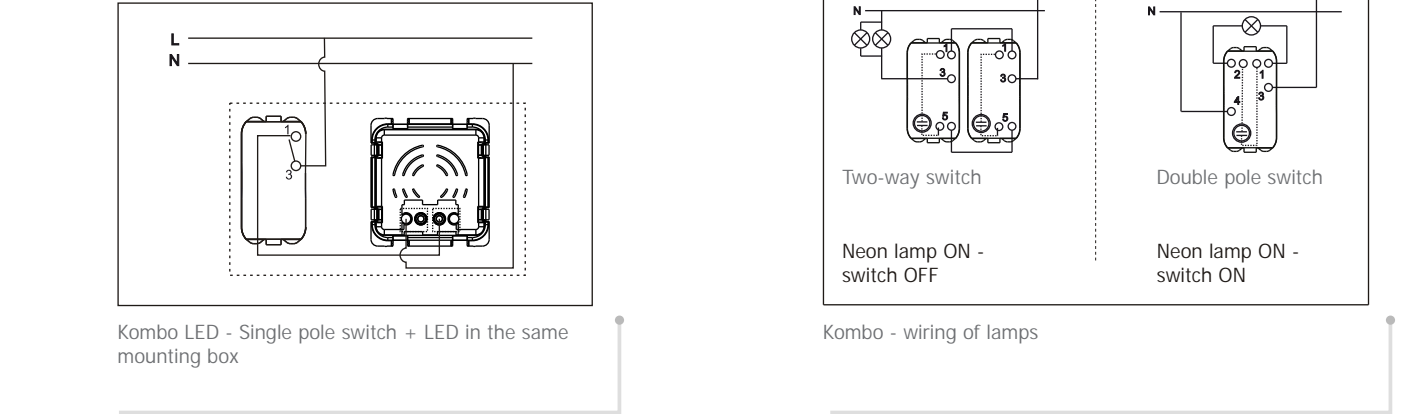
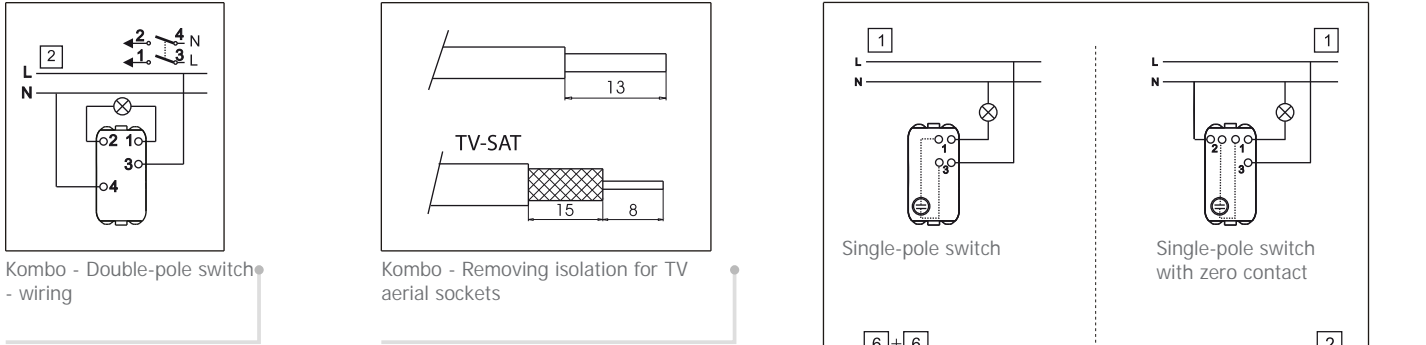
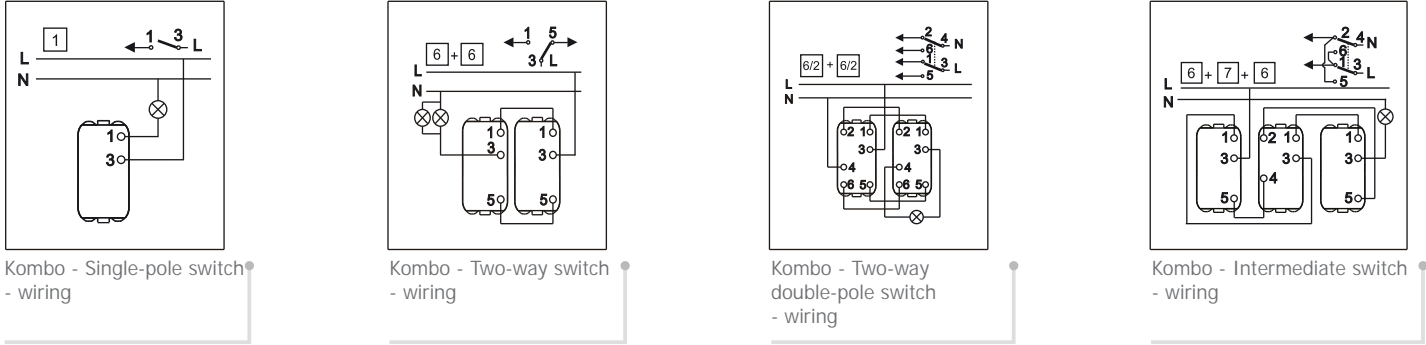
TV aerial socket 1M feed through



TV aerial socket 2M feed through & terminal



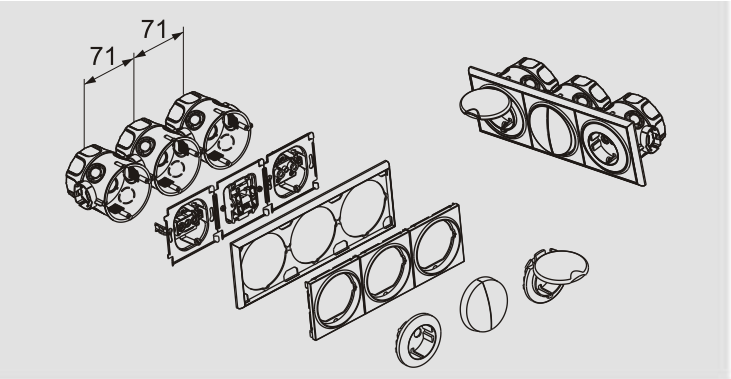
TV aerial socket 2M terminal



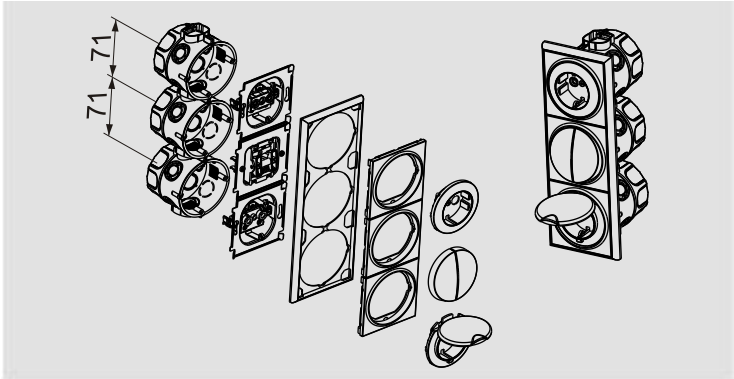
Important !
Installation can be done only by professionally trained person!

mounting instructions

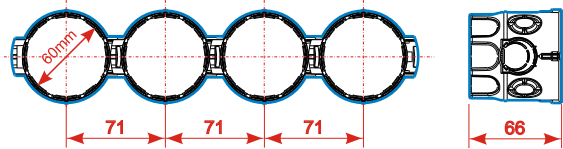
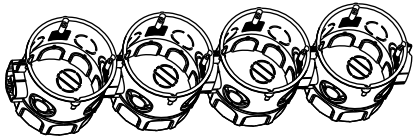
Mounting of horizontal decorative



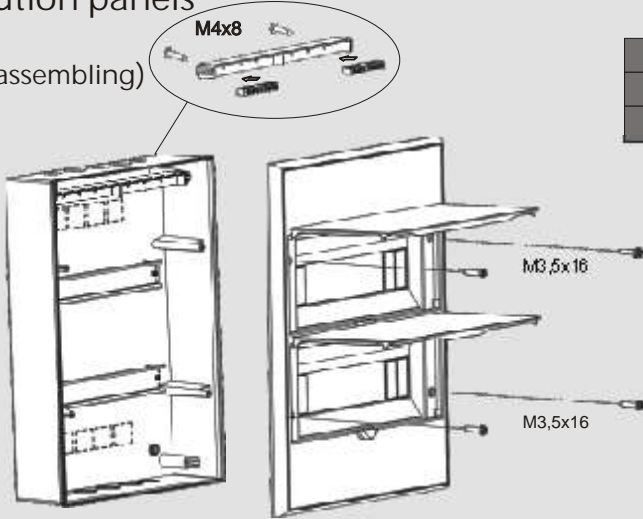
Mounting of vertical decorative frames



Mounting box for multiple frames - deep

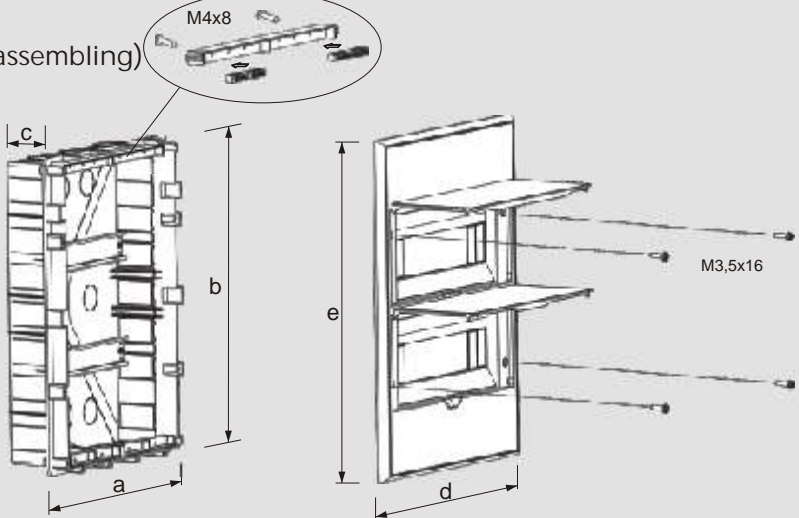


Distribution panels
MAT
(Surface assembling)



	MAT 4	MAT 8	MAT 12	MAT 24	MAT 36
a (mm)	146	228	300	300	300
b (mm)	230	240	240	365	530
c (mm)	100	100	100	100	100

Distribution panels
MUT
(Flush assembling)



	Mounting dimensions			Product dimensions	
	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
MUT 4	146	230	86	156	240
MUT 8	211	223	86	228	240
MUT 12	273	215	86	300	240
MUT 24	276	332	86	300	365
MUT 36	276	502	86	300	530

Switches have terminals which allow secure connection of copper conductors with the following rated surfaces:

Rated current of a switch (A)	Type of connection	Solid conductors (single-wire and multi-wire)	
		Rated surface of cross section of a conductor mm ²	Diameter of the biggest conductor mm ²
10	Vij ani	Od 1 do 2,5	2,13
10	Bezvij ani	Od 1,5 do 2,5	2,13
16	Vij ani	Od 1,5 do 4	2,72
16	Bezvij ani	Od 1,5 do 2,5	2,13

Following its endeavors to work as a modern European company, Metalka Majur pays great attention to customer satisfaction and contacts with its customers. We want to keep the continuous interaction with our business partners and end users of our products, by supplying them with all necessary information on:

- Sales network of Metalka Majur
- Price and discounts
- Trade fair participations and specialty presentations
- Product features
- Possibilities of application
- Way of mounting
- Advantages of certain items in comparison with offers of other producers, etc

The personnel of Metalka Majur's Marketing Department are completely at client's disposal. They will respond to all clients' questions in the shortest period of time, either by themselves or by consulting other services of Metalka Majur.

Our end objective is a fully informed and satisfied client. We are expecting your questions, remarks and suggestions.

No.	Characteristic	Product	Standard	Data
1	Insulation resistance	Switches 10A and 16A	IEC 60669-1	>5M at 500Vdc, 1min
		Socket-outlet 16A	IEC 60884-1	
2	Dielectric strength	Switches 10A and 16A	IEC 60669-1	2000V~ at 50Hz, 1min
		Socket-outlet 16A	IEC 60884-1	
3	Making and breaking capacity	Switches 10A	IEC 60669-1	100 cycles at 12,5A; 275V; cos? =0,3±0,05
		Switches 16A	IEC 60669-1	100 cycles at 20A; 275V; cos? =0,3±0,05
4	Breaking capacity	Socket-outlet 16A	IEC 60884-1	50 cycles at 20A; 275V; cos? =0,6±0,05
5	Normal operation	Switches 10A	IEC 60669-1	20 000 cycles at 10A; 250V; cos? =0,6±0,05
		Switches 16A		20 000 cycles at 16A; 250V; cos? =0,6±0,05
		Socket-outlet 16A	IEC 60884-1	5 000 cycles at 16A; 250V; cos? =0,8±0,05
6	Resistance to heat	Switches 10A and 16A	IEC 60669-1	100±2°C, in a heating cabinet 1h
		Socket-outlet 16A	IEC 60884-1	
7	Ball pressure test	Switches 10A and 16A	IEC 60669-1	125°C - inside parts of insulating material 70°C - outer parts of insulating material
		Socket-outlet 16A	IEC 60884-1	
8	Glow wire test	Switches 10A and 16A	IEC 60695-2-1	850°C - inside parts of insulating material 650°C - outer parts of insulating material
		Socket-outlet 16A		
9	Resistance to tracking	Switches 10A and 16A	IEC 60112	175V, 30s±5s
		Socket-outlet 16A		
10	Resistance to rusting	Switches 10A and 16A	IEC 60669-1	Resistant
		Socket-outlet 16A	IEC 60884-1	



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