

WATERPROOF 48

IP65

IK07

16A



INDEX

PAGE

■ CONTROL DEVICES

[77](#)

■ ENERGY SOCKETS

[78](#)

■ OTHER PRODUCTS














[79](#)

The 48 WATERPROOF Series ensures a IP65 protection degree in electrical installations in wet and dusty spaces.







Manufactured in technical thermoplastic (shock resistant), the 48 WATERPROOF Series is the best solution for installations in garages, gardens, swimming pools, industrial spaces....










CONTROL DEVICES

	Ref.	Color
 <p>Single Pole Switch 16AX - 250V~</p>	48011 C	CZ BR
 <p>Single Pole Switch with Orienting Light 16AX - 250V~</p> <ul style="list-style-type: none"> ■ To control electronic energy-saving lamps, we recommend the use of capacitors of 0,15μF 275V~ connected in parallel with the load to avoid the lamp blinking. ■ Replacement LED - page 79. 	48012 C	CZ BR
 <p>Single Pole Switch with Pilot Lamp 16AX - 250V~</p> <ul style="list-style-type: none"> ■ Replacement LED - page 79. 	48013 C	CZ BR
 <p>Two-pole Switch 16AX - 250V~</p>	48021 C	
 <p>Two-pole Switch with Pilot Lamp 16AX - 250V~</p> <ul style="list-style-type: none"> ■ Replacement LED - page 79. 	48023 C	CZ BR
 <p>Two Pole Switch with Pilot Lamp and Printing "HEIZUNG NOTSCHALTER" 16AX - 250V~</p> <ul style="list-style-type: none"> ■ Replacement LED - page 79. 	48027 C	
 <p>Two Circuits Switch 16AX - 250V~</p>	48061 C	CZ BR
 <p>Two-way Switch 16AX - 250V~</p>	48071 C	
 <p>Two-way Switch with Orienting Light 16AX - 250V~</p> <ul style="list-style-type: none"> ■ To control electronic energy-saving lamps, we recommend the use of capacitors of 0,15μF 275V~ connected in parallel with the load to avoid the lamp blinking. ■ Replacement LED - page 79. 	48072 C	CZ BR
 <p>Two-way Switch with Pilot Lamp 16AX - 250V~</p> <ul style="list-style-type: none"> ■ Replacement LED - page 79. 	48073 C	
 <p>Double Two-way Switch 16AX - 250V~</p>	48101 C	CZ BR
 <p>Intermediate Switch 16AX - 250V~</p>	48051 C	
 <p>Intermediate Switch with Orienting Light 16AX - 250V~</p> <ul style="list-style-type: none"> ■ To control electronic energy-saving lamps, we recommend the use of capacitors of 0,15μF 275V~ connected in parallel with the load to avoid the lamp blinking. ■ Replacement LED - page 79. 	48052 C	CZ BR

CONTROL DEVICES

	Ref.	Color
 <p>Rocker Push-button 16A - 250V~</p>	48151 C	
 <p>Rocker Push-button with Orienting Light - 250V~ 16A - 250V~ ■ Replacement LED - page 79.</p>	48152 C	CZ BR
 <p>Rocker Push-button with Orienting Light - 12V 6A - 12V ■ Replacement LED - page 79.</p>	48162 C	
 <p>Venetian Switch 16A - 250V~ ■ Switch function. ■ Electrical and mechanical blockade against two occasional simultaneous orders. ■ Toggles automatically one rocker when the other is pressed.</p>	48290 C	CZ BR
 <p>Venetian Double Push-button 16A - 250V~ ■ Push-button function. ■ Electrical blockade against two occasional simultaneous orders.</p>	48281 C	
 <p>Venetian Double Push-button for multiple points Blinds Control 16A - 250V~ ■ Push-button function. ■ Electrical blockade against two occasional simultaneous orders. ■ It allows to control a blind from several points.</p>	48283 C	CZ BR





ENERGY SOCKETS

	Ref.	Color
 <p>Safety Earth Socket (Schuko Type) 16A - 250V~</p>	48132 C	
 <p>Earth Socket (Schuko Type) 16A - 250V~</p>	48131 C	CZ BR
 <p>Safety Earth Socket (French Type) 16A - 250V~</p>	48112 C	CZ BR
 <p>Safety Single Phase Socket 16A - 250V~</p>	48122 C	CZ BR
 <p>Two Safety Earth Sockets (Schuko Type) in a Double Horizontal Base 16A - 250V~</p>	48865 C	
 <p>Two Earth Sockets (Schuko Type) in a Double Horizontal Base 16A - 250V~</p>	48862 C	CZ BR
 <p>Two Safety Earth Sockets (French Type) in a Double Horizontal Base 16A - 250V~</p>	48867 C	CZ BR





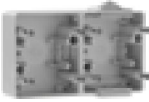



■ See Technical Data Sheet - page 184.

■ C - Complete Device.
■ CZ - Grey; BR - White.

ENERGY SOCKETS

	Ref.	Color
 <p>Two Safety Earth Sockets (Schuko Type) in a Double Vertical Base 16A - 250V~</p>	48860 C	CZ BR
 <p>Two Earth Sockets (Schuko Type) in a Double Vertical Base 16A - 250V~</p>	48868 C	
 <p>Two-way Switch + Safety Earth Socket (Schuko Type) in a Double Vertical Base 16A - 250V~</p>	48866 C	CZ BR
 <p>Two-way Switch + Earth Socket (Schuko Type) in a Double Vertical Base 16A - 250V~</p>	48861 C	

OTHER PRODUCTS

	Ref.	Color
 <p>48 Series Box with Cover for QUADRO 45 Series ■ Enables the installation of Quadro 45 Series mechanisms on waterproof 48 Series IP65 (except motion detectors and R - TV - SAT sockets).</p>	48998 C	CZ BR
 <p>Pilot Light (High Height) Max. 5W / 250V~ (E14) ■ To be used with Lamp (Ref.81011) - page 138. ■ To be used with Lamp (Ref.81013) - page 138.</p>	48361 C	ZI ZR ZV ZM BI BJ BV BM
 <p>Pilot Light (Low Height) Max. 5W / 250V~ (E14) ■ To be used with Lamp (Ref.81012) - page 138. ■ To be used with Lamp (Ref.81013) - page 138.</p>	48362 C	
 <p>Box for Push-button Devices of ø22mm ■ The Protection Degree of the Box is determined by the device to be installed inside.</p>	48992 A	CZ BR
 <p>Double Horizontal Base</p>	48994 A	CZ BR
 <p>Double Vertical Base</p>	48995 A	
 <p>Replacement LED for MEC 21 / 48 Series - 250V~</p>	81019	—
 <p>Replacement LED for MEC 21 / 48 Series - 12V</p>	81018	—

■ See Technical Data Sheet - page 184.

■ C - Complete Device; A - Accessory.

■ CZ - Grey; BR - White.

■ Pilot Lights: ZI - Grey/Colorless; ZR - Grey/Orange; ZV - Grey/Green; ZM - Grey/Red; BI - White/Colorless; BJ - White/Orange; BV - White/Green; BM - White/Red.



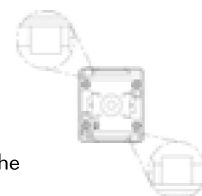
DESCRIPTION



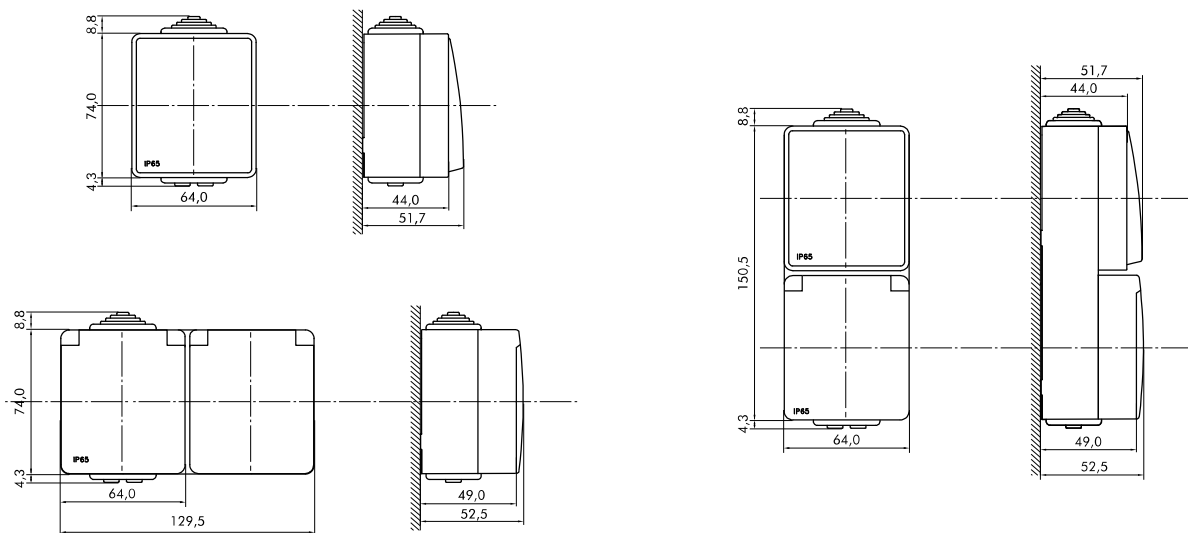
- Products in technical thermoplastic - resistant material, non-conductive.
- White (RAL 9003).
- Grey (RAL 7035).

CHARACTERISTICS

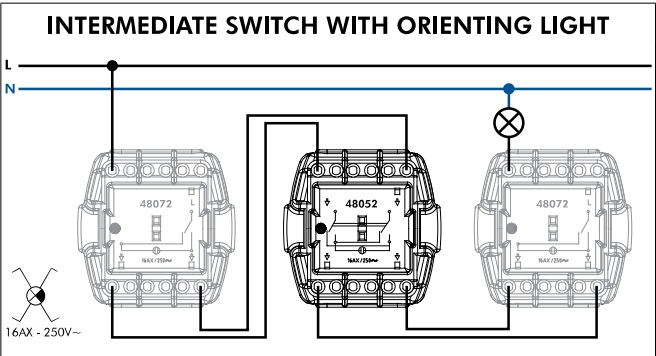
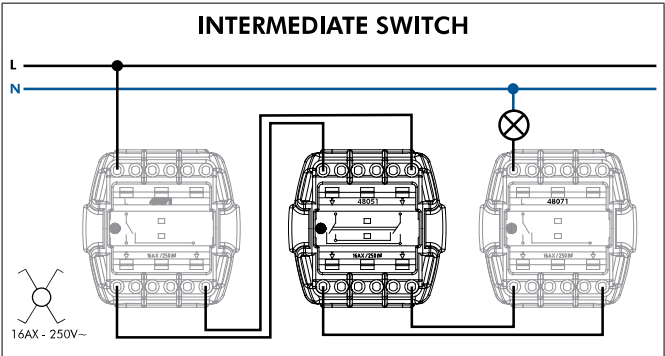
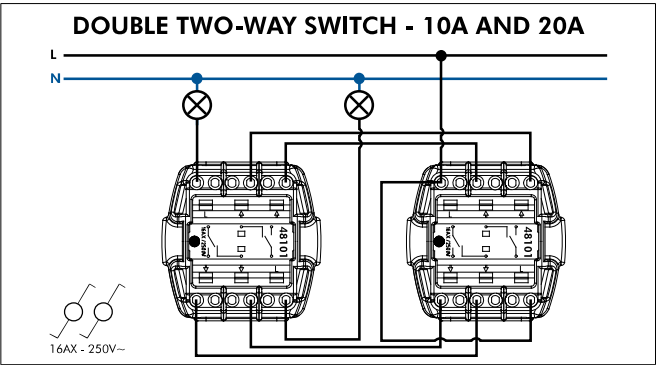
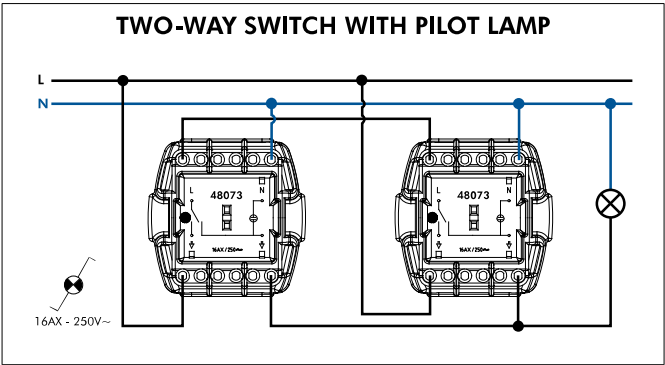
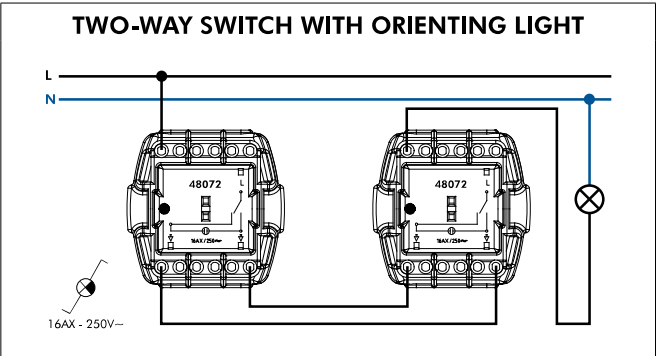
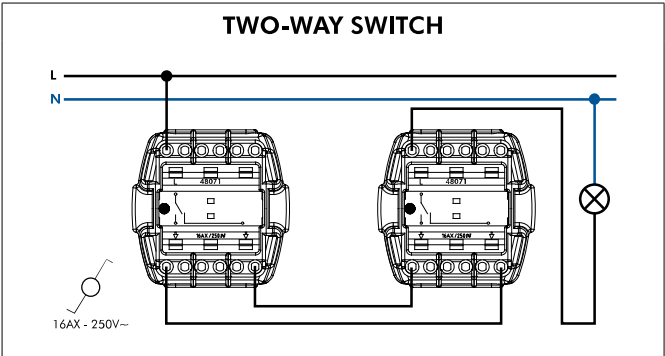
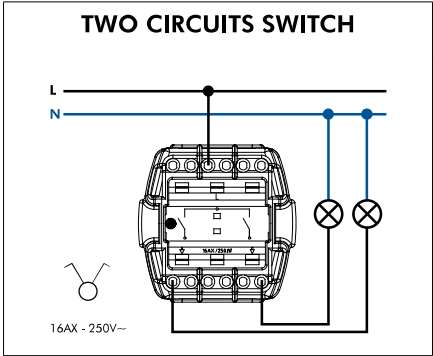
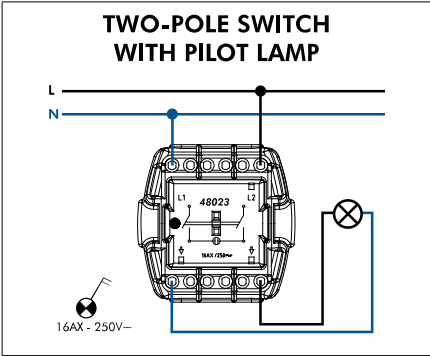
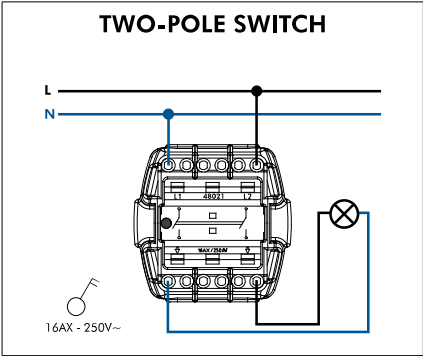
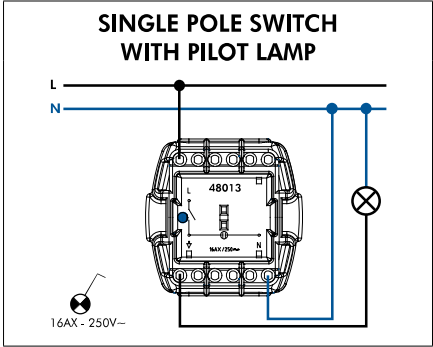
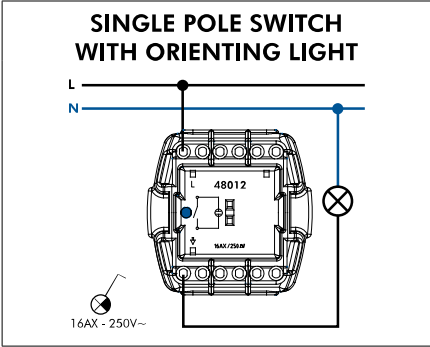
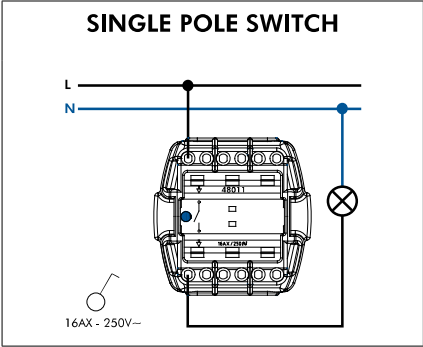
- Mechanisms in technical thermoplastic - resistant material, non-conductive.
- High resistance against impacts and against elements (IK07 and IP65).
- Control Devices
 - 16A - 250V~ - Connections with screw terminals. It allows the usage of rigid and flexible cable.
 - Pilot Light.
 - In accordance with EN 60669-1 Standard.
- Energy Sockets
 - Earth Socket (Schuko and French types):
 - 16A - 250V~.
 - Connections with screw terminals.
 - In accordance with IEC 60884-1 ; DIN VDE 0620-1 (Schuko) and NF C 61-314 (French) Standards.
 - Energy Sockets: Singles, Double Vertical and Horizontal.
- **Variety of Functions:** Control Devices, Electrical Blinds Control, Energy Sockets, etc...
- Possibility of double vertical combination (Ref. 48995 A) or horizontal combination (Ref. 48994 A) with resource of Double Bases.
- Adaptation of functions of **QUADRO 45** by using the 48 Series Box with Cover for QUADRO 45 Series (Ref. 48998 C).
- **Draining Holes:** All the products of the **Waterproof 48 Series** have two pre-drilled draining holes. Depending on the mounting position of the product, the draining hole pointing to the lower part of the base must be open.



DIMENSIONS (mm)

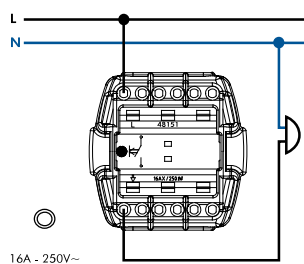


WATERPROOF 48 - WIRING DIAGRAMS

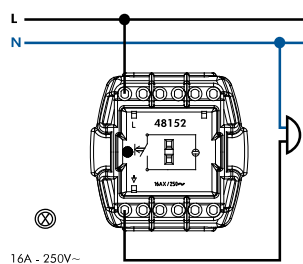


WATERPROOF 48 - WIRING DIAGRAMS

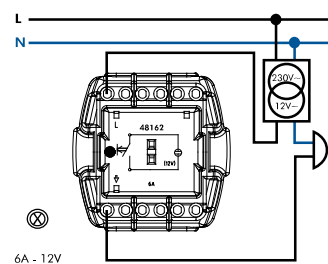
ROCKER PUSH-BUTTON



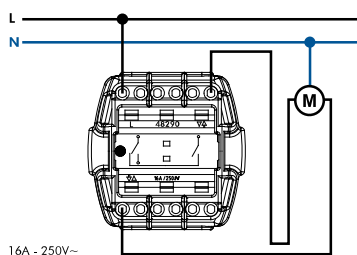
ROCKER PUSH-BUTTON WITH ORIENTING LIGHT - 250V~



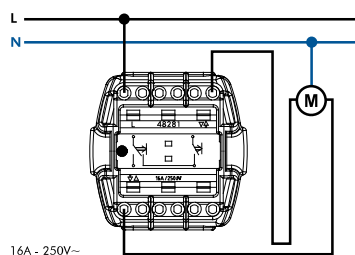
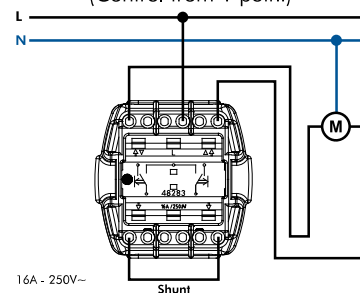
ROCKER PUSH-BUTTON WITH ORIENTING LIGHT - 12V



VENETIAN SWITCH



VENETIAN DOUBLE PUSH-BUTTON

VENETIAN DOUBLE PUSH-BUTTON FOR MULTIPLE POINTS BLINDS CONTROL
(Control from 1 point)VENETIAN DOUBLE PUSH-BUTTON FOR MULTIPLE POINTS BLINDS CONTROL
(Control from 2 or several points)