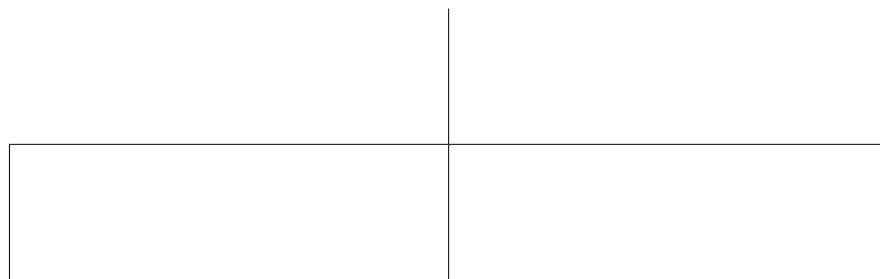
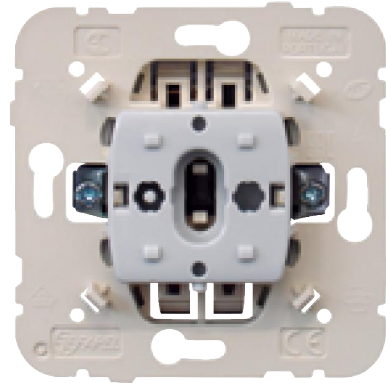


SINGLE TYPE OF MECHANISM - **mec21**



THREE DISTINCT SERIES



LOGUS⁹⁰

(Page 4)



APOLO 5000

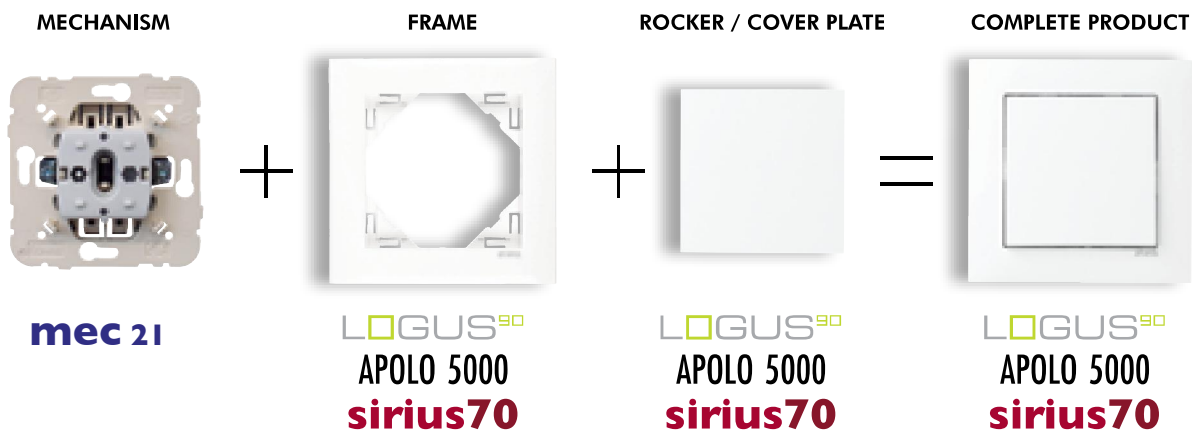
(Page 22)



sirius70

(Page 38)

■ MOUNTING - WITH THE **mec21** SERIES MECHANISMS



To choose a product, you need to:

1) Select the Reference of:

- the **Mechanism** with the function you need;
- the **Frame** of the desired finishing;
- the **Rocker / Cover Plate** relating to the mechanism.

2) Choose the Finishing:

Add to the **Frame** and **Rocker / Cover Plate** references a two-letter suffix corresponding to the finishing you need.

Examples:

FUNCTIONS	SERIES	FINISHING	REF. MECHANISM	REF. FRAME	REF. ROCKER / COVER PLATE
Single Pole Switch	LOGUS ⁹⁰	BR - White	21011	90910 TBR	90601 TBR
Double Two-way Switch	APOLO 5000	PM - Black Matt	21101	50910 TPM	50611 TPM
Two Circuits Switch	sirius70	MF - Ivory	21061	70910 TMF	70611 TMF





The LOGUS 90 Series inspires the creation of modern and unique spaces.

The perfect combination of a wide range of colors and genuine materials such as Glass, Metal, Wood and Stone.

The small detail that will make the difference in your decoration.

All functions from mec21 Series.

INDEX	PAGE
■ FINISHINGS	<u>6</u>
■ mec21 MECHANISMS + ROCKERS / COVER PLATES	
- Control Devices	<u>8</u>
- Temperature Control	<u>12</u>
- Motion Detectors	<u>12</u>
- Electrical Blinds Control	<u>13</u>
- Dimmers	<u>13</u>
- Data Sockets	<u>14</u>
- RJ45 Connectors	<u>14</u>
- Couplers for Fibre Optic Connectors	<u>15</u>
- Telephone Sockets	<u>15</u>
- Radio, Television and Satellite Sockets	<u>15</u>
- Multimedia Sockets	<u>16</u>
- Energy Sockets	<u>17</u>
- Other Mechanisms	<u>18</u>
■ ACCESSORIES	<u>18</u>
■ COMPLETE DEVICES	<u>20</u>
■ FRAMES	<u>21</u>

BASE



BR
White

MF
Ivory

AQUARELLA



GE
Ice

PE
Pearl

AL
Aluminium

IS
Gray

PM
Black Matt

DU
Golden

ANIMATO



BB
White/White

MM
Ivory/Ivory

EE
Ice/Ice

PP
Pearl/Pearl

RG
Yellow/Ice

DG
Green/Ice

ZG
Blue/Ice

JG
Orange/Ice

VG
Red/Ice

TS
Intense Orange/Gray

BS
Intense Red/Gray

AA
Aluminium/Aluminium

AS
Aluminium/Gray

SS
Gray/Gray

PG
Black Matt/Ice

PA
Black Matt/Aluminium

PS
Black Matt/Gray

RR
Black Matt/Black Matt

UG
Golden/Ice

UU
Golden/Golden



CRYSTAL



METALLO



ARBORE



PETRA















CONTROL DEVICES		Ref.
	Single Pole Switch 10AX - 250V~	21011
	Single Pole Switch with Orienting Light 10AX - 250V~ <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 19. 	21012
	Single Pole Switch with Pilot Lamp 10AX - 250V~ <ul style="list-style-type: none"> Replacement LED - page 19. 	21013
	Two-pole Switch 10AX - 250V~	21021
	Two-pole Switch with Pilot Lamp 10AX - 250V~ <ul style="list-style-type: none"> Replacement LED - page 19. 	21023
	Two-pole Switch with Pilot Lamp - 20A 20A - 250V~ <ul style="list-style-type: none"> Screw terminals connection. Replacement LED - page 19. 	21024
	One Circuit Digital Time Switch eco <ul style="list-style-type: none"> Rated voltage: 230V~ - 50 - 60Hz. Breaking capacity: 16A. Output type: ON, OFF and PULSE. See Technical Data Sheet - page 156.	21041
	Two Circuits Digital Time Switch eco <ul style="list-style-type: none"> Rated voltage: 230V~ - 50 - 60Hz. Breaking capacity: 6A + 6A. Output type: ON, OFF and PULSE. See Technical Data Sheet - page 156.	21042
	Card-system Switch eco 10AX - 250V~ <ul style="list-style-type: none"> Single Pole Switch with Orienting Light function. Two-way Switch function (NO+NC). For ATM card type (Ref. 21999). 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. Screw terminals connection. Replacement LED - page 19. 	21031
	Two Circuits Switch 10AX - 250V~	21061
	Two Circuits Switch - 20A 20A - 250V~ <ul style="list-style-type: none"> Screw terminals connection. 	21065
	Two Circuits Switch With Orienting Light NEW 10AX - 250V~ <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. 	21062


ROCKERS / COVER PLATES		Ref.	Color
	Rocker for Switches	90601 T	BR MF GE PE AL IS PM DU
	Rocker for Lighted Switches	90602 T	BR MF GE PE AL IS PM DU
	Rocker for Lighted Switches / Push-button with Lamp Symbol	90797 T	BR MF GE PE AL IS PM DU
	Rocker for Switches	90601 T	BR MF GE PE AL IS PM DU
	Rocker for Two-pole Switch	90608 T	BR MF GE PE AL IS PM DU
	Rocker for Lighted Switches	90602 T	BR MF GE PE AL IS PM DU
	Rocker for Lighted Switches / Push-button with "HEIZUNG NOTSCHALTER" tamppography	90798 T	BR MF GE PE AL IS PM DU
	Rocker for Lighted Switches / Push-button with Lamp Symbol	90797 T	BR MF GE PE AL IS PM DU
	Cover Plate for One Circuit Digital Time Switch	90743 T	BR MF GE PE AL IS PM DU
	Cover Plate for Two Circuits Digital Time Switch	90744 T	BR MF GE PE AL IS PM DU
	Cover Plate for Card-system Switch	90731 T	BR MF GE PE AL IS PM DU
	Double Rockers	90611 T	BR MF GE PE AL IS PM DU
	Rockers for double-function mechanism with Orienting Light NEW	90615 T	BR MF GE PE AL IS PM DU















■ T - Rocker, Cover Plate or Frame; NO - Normally Open; NC - Normally Closed.
 ■ BR - White; MF - Ivory; GE - Ice; PE - Pearl; AL - Aluminium; IS - Gray; PM - Black Matt; DU - Golden.
 ■ **eco** - The products identified with this symbol increase the energy saving and contribute to the energy efficiency of the building.

CONTROL DEVICES		Ref.
	Two Circuits Switch With Pilot Lamp 10AX - 250V~ NEW	21063
	Three Circuits Switch 16AX - 250V~ ■ Screw terminals connection.	21088
	Two-way Switch 10AX - 250V~	21071
	Two-way Switch with Orienting Light 10AX - 250V~ ■ 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 19.	21072
	Two-way Switch with Pilot Lamp 10AX - 250V~ ■ Replacement LED - page 19.	21073
	Two-way Switch - 20A 20A - 250V~ ■ Screw terminals connection.	21075
	Double Two-way Switch 10AX - 250V~	21101
	Double Two-way Switch - 20A 20A - 250V~ ■ Screw terminals connection.	21103
	Double Two-way Switch with Orienting Light 10AX - 250V~ NEW ■ 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.	21202
	Double Two-way Switch with Pilot Lamp 10AX - 250V~ NEW	21203
	Intermediate Switch 10AX - 250V~	21051
	Double Intermediate Switch 10AX - 250V~ NEW	21204














ROCKERS / COVER PLATES		Ref.	Color
	Rockers for double-function mechanism with Orienting Light NEW	90615 T	BR MF GE PE AL IS PM DU
	Triple Rockers	90661 T	BR MF GE PE AL IS PM DU
	Rocker for Switches	90601 T	BR MF GE PE AL IS PM DU
	Rocker for switches with big/small fans symbols NEW	90609 T	
	Rocker for Lighted Switches	90602 T	BR MF GE PE AL IS PM DU
	Rocker for Switches	90601 T	BR MF GE PE AL IS PM DU
	Rocker for switches with big/small fans symbols NEW	90609 T	
	Double Rockers	90611 T	BR MF GE PE AL IS PM DU
	Double Rocker for Two-way Switch Fan NEW	90616 T	
	Rocker for Double Function Mechanism with Orienting Light NEW	90615 T	BR MF GE PE AL IS PM DU
	Rocker for Switches	90601 T	BR MF GE PE AL IS PM DU
	Rockers for double-function mechanism NEW	90614 T	BR MF GE PE AL IS PM DU













CONTROL DEVICES		Ref.
	Intermediate Switch with Orienting Light 10AX - 250V~ ■ 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 19.	21052
	Double Intermediate Switch with Orienting Light 10AX - 250V~ NEW ■ 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.	21205
	Rocker Push-button 10A - 250V~	21151
	Rocker Push-button (NO+NC) 10A - 250V~	21150
	Rocker Push-button with Orienting Light 250V~ 10A - 250V~ ■ Replacement LED - page 19.	21152
	Rocker Push-button with Orienting Light - 12V 6A - 12V ■ Replacement LED - page 19.	21162
	Rocker Push-button with Independent Pilot Lamp 10A - 250V~ ■ Replacement LED - page 19.	21153
	Rocker Push-button with Identification - 250V~ 10A - 250V~	21155
	Rocker Push-button with Identification - 12V 6A - 12V	21165
	Double Push-button 10A - 250V~	21156
	Double Push-button (2NO+2NC) 10A - 250V~	21154



ROCKERS / COVER PLATES		
	Ref.	Color
	Rocker for Lighted Switches	90602 T BR MF GE PE AL IS PM DU
	Rockers for double-function mechanism with Orienting Light NEW	90615 T BR MF GE PE AL IS PM DU
	Rocker for Switches	90601 T
	Rocker for Switches with Lock Symbol	90604 T
	Rocker for Switches with Bell Symbol	90605 T BR MF GE PE AL IS PM DU
	Rocker for Switches with Maid Symbol	90606 T
	Rocker for Switches with Lamp Symbol	90607 T
	Rocker for Lighted Switches	90602 T
	Rocker for Lighted Switches / Push-button with Lock Symbol	90794 T
	Rocker for Lighted Switches / Push-button with Bell Symbol	90795 T BR MF GE PE AL IS PM DU
	Rocker for Lighted Switches / Push-button with Maid Symbol	90796 T
	Rocker for Lighted Switches / Push-button with Lamp Symbol	90797 T
	Rocker for Switches with Identification Card	90603 T BR MF GE PE AL IS PM DU
	Double Rockers	90611 T BR MF GE PE AL IS PM DU





CONTROL DEVICES		Ref.
	Double Rocker Push-button with Orienting Light 250V~ 10A - 250V~ NEW ■ 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.	21206
	Double Rocker Push-button with Orienting Light 12V 6A - 12V NEW	21207
	Two-way Switch / Rocker Push-button 10AX - 250V~ NEW	21158
	Rocker Push-button / Two-way Switch 10AX - 250V~	21159
	Two-way Switch with Orienting Light / Rocker Push-button with Orienting Light 10AX - 250V~ NEW ■ 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.	21208
	Rocker Push-button with Orienting Light / Two-way Switch with Orienting Light 10AX - 250V~ NEW ■ 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.	21209
	Electronic Very Low Tension 4-Gang Push-button 12V~ - 50mA / 32V~ - 18mA ■ See Technical Data Sheet - page 157.	21164
	Rotary Switch - 16A 16AX - 250V~ ■ Screw terminals connection.	21302
	Rotary Two-way Switch - 16A 16AX - 250V~ ■ ON - OFF - ON. ■ Screw terminals connection.	21301
	3 Positions Rotary Switch 16(4)A - 250V~ NEW ■ Screw terminals connection.	21300
	4 Positions Rotary Switch 16(4)A - 250V~ NEW ■ Screw terminals connection.	21305
	Key Lock Two-way Switch 10AX - 250V~ ■ ON - OFF - ON. ■ It allows to remove the key in 3 positions. ■ Screw terminals connection.	21352
	Key Lock Push-button 10A - 250V~ ■ ON - OFF - ON. ■ Allows key removal in OFF position. ■ Screw terminals connection.	21351

ROCKERS / COVER PLATES		Ref.	Color
	Rockers for double-function mechanism with Orienting Light NEW	90615 T	BR MF GE PE AL IS PM DU
	Double Rockers	90611 T	BR MF GE PE AL IS PM DU
	Rockers for double-function mechanism with Orienting Light NEW	90615 T	BR MF GE PE AL IS PM DU
	Quadruple Rocker	90600 T	BR MF GE PE AL IS PM DU
	Cover Plate for Rotary Switch (ON/OFF)	90762 T	BR MF GE PE AL IS PM DU
	Cover Plate for Rotary Push-button / Two-way Switch	90761 T	BR MF GE PE AL IS PM DU
	Cover plate for Rotary Two-way switch (I, 0, II) NEW	90760 T	BR MF GE PE AL IS PM DU
	Cover Plate for 3 Positions Rotary Switch NEW	90765 T	BR MF GE PE AL IS PM DU
	Cover Plate for 4 Positions Rotary Switch NEW	90766 T	BR MF GE PE AL IS PM DU
	Cover Plate for Key Lock Push-button / Two-way Switch	90351 T	BR MF GE PE AL IS PM DU






CONTROL DEVICES		Ref.
	Pull-cord Two-way Switch 10AX - 250V~ ■ NO+NC. ■ Screw terminals connection.	21092
	Pull-cord Push-button 10A - 250V~ ■ NO. ■ Screw terminals connection.	21091
	Pull-cord Push-button (NO+NC) NEW 10A - 250V~ ■ NO+NC. ■ Screw terminals connection.	21090

ROCKERS / COVER PLATES		
	Ref.	Color
	Cover Plate for Pull-cord Push-button / Two-way Switch ■ Cord with approximately 65 cm.	90741 T BR MF GE PE AL IS PM DU

TEMPERATURE CONTROL		Ref.
	Programmable Chronothermostat ECO ■ Rated voltage: 230V~ - 50Hz. ■ Breaking capacity: 16A. ■ Inverter contact (NO+NC), voltage free. ■ Range of temperature readings: -9°C to 35°C. ■ Optimized for electric floor heating. ■ Possibility of connecting the Floor Temperature Sensor (Ref. 81950), with automatic self-detection. ■ See Technical Data Sheet - page 158.	21232
	Thermostat with Infrared Remote Control ECO ■ Rated voltage: 230V~ - 50Hz. ■ Breaking capacity: 16A. ■ Inverter contact (NO+NC), voltage free. ■ Range of temperature readings: -9°C to 35°C. ■ Optimized for electric floor heating. ■ Possibility to use the Infrared Remote Control/Multifunctions (Ref. 81900). ■ Possibility of connecting the Floor Temperature Sensor (Ref. 81950), with automatic self-detection. ■ See Technical Data Sheet - page 158.	21233








ROCKERS / COVER PLATES		
	Ref.	Color
	Cover Plate for Programmable Chronothermostat	90740 T BR MF GE PE AL IS PM DU
	Cover Plate for Thermostat with Infrared Remote Control	90742 T BR MF GE PE AL IS PM DU


	Floor Temperature Sensor for Programmable Chronothermostat and Thermostat with Infrared Remote Control ■ Length: 4m. ■ Range: -10° to 50°C. ■ IP67. ■ NTC 12K/25°C.	81950	—
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MOTION DETECTORS		Ref.
	Motion Detector - 1000W ECO ■ Wall mounting. ■ Rated voltage: 230V~ - 50Hz. ■ Sensibility regulation. ■ Range of detection: 8 meters. ■ Detection angle: 160°. ■ Inverter contact (NO+NC), voltage free. ■ Relay output, compatible with all types of electric loads. ■ See Technical Data Sheet - page 159.	21401
	Motion Detector - 400W ECO ■ Wall mounting. ■ Rated voltage: 230V~ - 50Hz. ■ Sensibility regulation. ■ Range of detection: 8 meters. ■ Detection angle: 160°. ■ Inverter contact (NO+NC), voltage free. ■ Relay output, compatible with all types of electric loads. ■ See Technical Data Sheet - page 159.	21402


ROCKERS / COVER PLATES		
	Ref.	Color
	Cover Plate for Motion Detectors	90401 T BR MF GE PE AL IS PM DU













ELECTRICAL BLINDS CONTROL		Ref.
	Venetian Switch 10A - 250V~ ■ Switch function. ■ Electrical and mechanical blockade against two occasional simultaneous orders. ■ Toggles automatically one rocker when the other is pressed.	21290
	Venetian Switch with Mechanical Blockage 10A - 250V~ ■ Switch function. ■ Electrical and mechanical blockade against two occasional simultaneous orders. ■ It is necessary to press "STOP" before changing the direction of movement.	21291
	General Blinds Control Module with Infrared Remote Control ECO ■ Rated voltage: 230V~ - 50Hz. ■ Breaking capacity: 500VA. ■ Possibility to use the Infrared Remote Control/Multifunctions (Ref. 81900). ■ 2 programmable functions (Up/Down). ■ Function: "Standby". ⓘ See Technical Data Sheet - page 160.	21311
	Local Blinds Control Module with Infrared Remote Control ECO ■ Rated voltage: 230V~ - 50Hz. ■ Breaking capacity: 500VA. ■ Possibility to use the Infrared Remote Control/Multifunctions (Ref. 81900). ⓘ See Technical Data Sheet - page 160.	21312
	Venetian Double Push-button 10A - 250V~ ■ Push-button function. ■ Electrical blockade against two occasional simultaneous orders.	21281
	Venetian Double Push-button for multiple points Blinds Control 10A - 250V~ ■ Push-button function. ■ Electrical blockade against two occasional simultaneous orders. ■ It allows to control a blind from several points. ■ To be used with Relay for Blinds Control (Ref. 81511).	21283
	Rotary Push-button 16A - 250V~ ■ ON - OFF - ON. ■ Screw terminals connection.	21303




DIMMERS		Ref.
	Dimmer for Fluorescent Lamps with Electronic Ballast EVG 1-10V ECO ■ I _{máx} - 40mA. ■ Silent. ⓘ See Technical Data Sheet - page 164.	21210
	Ferromagnetic Dimmer/Two-way Switch 500VA R, L ECO ■ 20 - 500W/VA. ⓘ See Technical Data Sheet - page 164.	21211
	Electronic Dimmer/Two-way Switch 320W R, C ECO ■ 5 - 320W. ■ Silent. ⓘ See Technical Data Sheet - page 164.	21212
	Electronic Dimmer/Two-way Switch 550W R, C ECO ■ 20 - 550W/VA. ■ Silent. ⓘ See Technical Data Sheet - page 164.	21213


ROCKERS / COVER PLATES		
	Ref.	Color
	Rockers for Venetian Switch	90613 T BR MF GE PE AL IS PM DU
	Cover Plate for General Blinds Control Module with Infrared Remote Control	90311 T BR MF GE PE AL IS PM DU
	Cover Plate for Local Blinds Control Module with Infrared Remote Control	90312 T BR MF GE PE AL IS PM DU
	Rockers for Venetian Push-buttons	90612 T BR MF GE PE AL IS PM DU
	Cover Plate for Rotary Push-button / Two-way Switch	90761 T BR MF GE PE AL IS PM DU

TECLAS / CENTROS		
	Ref.	Color
	Cover Plate for Dimmer/Two-way Switch	90721 T BR MF GE PE AL IS PM DU

DIMMERS		Ref.
	Ferromagnetic Dimmer/Two-way Switch for Energy Saving Lamps - 110VA R, L ECO ■ 7 - 110W/VA. ■ 3 - 35W LED's. ■ Dimmable LEDs. See Technical Data Sheet - page 164.	21214
	Electronic Dimmer/Two-way Switch for Low Power Lamps - 150W R, C ECO ■ 15 - 150W/VA. ■ 3 - 50W LED's. ■ Dimmable LEDs. ■ Silent. See Technical Data Sheet - page 164.	21215
	Ferromagnetic Dimmer/Two-way Switch for Energy Saving Lamps - 250W/VA R, L ECO NEW ■ 20 - 250W/VA. ■ 3 - 85W LED's. ■ Dimmable LEDs. See Technical Data Sheet - page 164.	21216
	Electronic Dimmer/Two-way Switch Energy Saving Lamps - 450W/VA R, C ECO NEW ■ 15 - 450W/VA. ■ 5 - 150W LED's. ■ Dimmable LEDs. ■ Silent. See Technical Data Sheet - page 164.	21217
	Speed Controller for Induction Motors - 600VA ECO ■ 25 - 600VA. See Technical Data Sheet - page 164.	21219

DATA SOCKETS		Ref.
	RJ45 Cat. 6 UTP Socket (Equipped with connector) See Technical Data Sheet - page 219.	21455
	RJ45 Cat. 6 UTP Socket (Equipped with connector) See Technical Data Sheet - page 220.	21445
	RJ45 Cat. 5e UTP Socket (Equipped with connector) See Technical Data Sheet - page 219.	21453
	RJ45 Cat. 5e STP Socket (Equipped with connector) See Technical Data Sheet - page 220.	21443
	RJ45 Socket adapter (Equipped without connector) NEW	21976



RJ45 CONNECTORS		Ref.
	RJ45 Cat. 6 UTP Connector (250 MHz) See Technical Data Sheet - page 219.	21978
	RJ45 Cat. 6 UTP - Connector for Rack assembly (250 MHz) See Technical Data Sheet - page 220.	82020
	RJ45 Cat. 5e UTP Connector (100 MHz) See Technical Data Sheet - page 219.	21975



ROCKERS / COVER PLATES		
	Ref.	Color
	90721 T	BR MF GE PE AL IS PM DU






ROCKERS / COVER PLATES		
	Ref.	Color
	90751 T	BR MF GE PE AL IS PM DU

ROCKERS / COVER PLATES		
	Ref.	Color
	NEW 90441 S	BR MF GE PE AL IS PM DU
	90442 S	

■ S - Semi-assembled; ■ T - Rocker, Cover Plate or Frame.
■ BR - White; ■ MF - Ivory; ■ GE - Ice; ■ PE - Pearl; ■ AL - Aluminium; ■ IS - Gray; ■ PM - Black Matt; ■ DU - Golden.
■ ECO - The products identified with this symbol increase the energy saving and contribute to the energy efficiency of the building.


RJ45 CONNECTORES	
	Ref.
 <p>RJ45 Cat. 6 STP Connector (250 MHz) ■ See Technical Data Sheet - page 220.</p>	21988
 <p>RJ45 Cat. 5e STP Connector (100 MHz) ■ See Technical Data Sheet - page 220.</p>	21985

ROCKERS / COVER PLATES		
	Ref.	Color
 <p>Cover Ring with Single support for RJ45 Connectors</p>	90441 S	BR MF GE PE AL IS PM DU
 <p>Cover Ring with Double Support for RJ45 Connectors</p>	90442 S	

COUPLERS FOR FIBRE OPTIC CONNECTORS		
	Ref.	
 <p>Coupler for SC APC Duplex Fibre Optic Connector ■ See Technical Data Sheet - page 221.</p>	82211	
 <p>Coupler for SC APC Simplex Fibre Optic Connector ■ See Technical Data Sheet - page 221.</p>	82210	
 <p>Coupler for LC Duplex Fibre Optic Connector ■ See Technical Data Sheet - page 221.</p>	82213	
 <p>Protective Cover for Coupler for SC APC Simplex Fibre Optic Connector</p>	82970	—
 <p>Protective Cover for Coupler for SC APC Duplex Fibre Optic Connector</p>	82971	—

ROCKERS / COVER PLATES		
	Ref.	Color
 <p>Cover Plate for Coupler for SC APC Duplex Fibre Optic Connector</p>	90448 S	BR MF GE PE AL IS PM DU
 <p>Cover Plate for Coupler for SC APC Simplex / LC Duplex Fibre Optic Connector</p>	90449 S	BR MF GE PE AL IS PM DU
 <p>Protective Cover for Coupler for SC APC Simplex Fibre Optic Connector</p>	82970	—
 <p>Protective Cover for Coupler for SC APC Duplex Fibre Optic Connector</p>	82971	—



TELEPHONE SOCKETS		
	Ref.	Color
<p>50V ~ 70V~</p>  <p>Telephone Socket (4 conductors)</p>	21252 S	BR MF CZ AT PT
 <p>Telephone Socket with Gel (4 conductors)</p>	21255 S	BR MF CZ AT PT



ROCKERS / COVER PLATES		
	Ref.	Color
 <p>Cover Plate for Telephone Socket</p>	90712 T *	BR MF GE PE AL IS PM DU





* - For the Cover Plates of the Telephone Sockets of the AQUARELLA finishing, please use the mechanism in the following colors: - GE (Ice) - BR (White); - PE (Pearl) - MF (Ivory); - AL (Aluminium) - CZ (Grey); - IS (Gray) - AT (Anthracite); - PM (Black) - PT (Black Matt); - DU (Gold) - MF (Ivory)






8 contacts		
	Ref.	Color
 <p>T8 French Telephone Socket</p>	21411	—



ROCKERS / COVER PLATES		
	Ref.	Color
 <p>Cover Plate for T8 French Telephone Socket</p>	90718 T	BR MF GE PE AL IS PM DU




RADIO, TELEVISION AND SATELLITE SOCKETS	
	Ref.
<p>STAR CONNECTION</p>  <p>R - TV - SAT Socket Star Connection ■ 4 - 862 MHz: < 2dB. ■ 950 - 2400 MHz: < 3dB. ■ Current flow 500 mA (DC). ■ See Technical Data Sheet - page 170.</p>	21543
 <p>R - TV Socket Star Connection ■ 4 - 82 MHz: < 1dB. ■ 84 - 108 MHz: < 2dB. ■ 112 - 1000 MHz: < 1dB. ■ See Technical Data Sheet - page 170.</p>	21533

ROCKERS / COVER PLATES		
	Ref.	Color
 <p>Cover Plate for R - TV - SAT Sockets</p>	90775 T	BR MF GE PE AL IS PM DU
 <p>Cover Plate for R - TV Sockets</p>	90776 T	











RADIO, TELEVISION AND SATELLITE SOCKETS		Ref.
SERIAL CONNECTION		
	<p>R - TV - SAT Socket (Terminal)</p> <ul style="list-style-type: none"> ■ 4 - 446 MHz: < 6dB. ■ 470 - 862 MHz: < 9dB. ■ 950 - 2400 MHz: < 6dB. ■ Current flow 500 mA (DC). <p>See Technical Data Sheet - page 170.</p>	21555
	<p>R - TV - SAT Socket (Passage)</p> <ul style="list-style-type: none"> ■ 4 - 862 MHz: < 10dB. ■ 950 - 2150 MHz: < 11dB. ■ 2150 - 2400 MHz: < 9dB. ■ Current flow 500 mA (DC). ■ Insertion losses: 3dB. <p>See Technical Data Sheet - page 170.</p>	21565
	<p>R - TV Socket (Terminal)</p> <ul style="list-style-type: none"> ■ 4 - 82 MHz: < 6dB. ■ 84 - 108 MHz: < 8dB. ■ 112 - 1000 MHz: < 7dB. <p>See Technical Data Sheet - page 170.</p>	21554
	<p>R - TV Socket (Passage)</p> <ul style="list-style-type: none"> ■ 4 - 1000 MHz: < 9dB. ■ Insertion losses: 2dB. <p>See Technical Data Sheet - page 170.</p>	21564

MULTIMEDIA SOCKETS		Ref.
STAR CONNECTION		
	<p>R - TV - SAT - RJ45 Cat. 6 UTP - FO SC-APC Multimedia Socket for Star Connection</p> <ul style="list-style-type: none"> ■ 4 - 862 MHz: < 2dB. ■ 950 - 2400 MHz: < 3dB. ■ Current flow 500 mA (DC). <p>See Technical Data Sheet - page 170.</p>	21545
	<p>R - TV - SAT - RJ45 Cat. 6 UTP Multimedia Socket for Star Connection</p> <ul style="list-style-type: none"> ■ To be used with a SC APC Simplex or LC Duplex Fibre Optic Connector - page 109. ■ 4 - 862 MHz: < 2dB. ■ 950 - 2400 MHz: < 3dB. ■ Current flow 500 mA (DC). <p>See Technical Data Sheet - page 170.</p>	21544
	<p>R - TV - SAT - 2xRJ45 Cat. 6 UTP Multimedia Socket for Star Connection</p> <ul style="list-style-type: none"> ■ 4 - 862 MHz: < 2dB. ■ 950 - 2400 MHz: < 3dB. ■ Current flow 500 mA (DC). <p>See Technical Data Sheet - page 170.</p>	21546
	<p>R - TV - RJ45 Cat. 6 UTP - FO SC-APC Multimedia Socket for Star Connection</p> <ul style="list-style-type: none"> ■ 4 - 82 MHz: < 1dB. ■ 84 - 108 MHz: < 2dB. ■ 112 - 1000 MHz: < 1dB. <p>See Technical Data Sheet - page 170.</p>	21535
	<p>R - TV - RJ45 Cat. 6 UTP Multimedia Socket for Star Connection</p> <ul style="list-style-type: none"> ■ To be used with a SC APC Simplex or LC Duplex Fibre Optic Connector - page 109. ■ 4 - 82 MHz: < 1dB. ■ 84 - 108 MHz: < 2dB. ■ 112 - 1000 MHz: < 1dB. <p>See Technical Data Sheet - page 170.</p>	21534

ROCKERS / COVER PLATES		
	Ref.	Color
 Cover Plate for R - TV - SAT Sockets	90775 T	BR MF GE PE AL IS PM DU
 Cover Plate for R - TV Sockets	90776 T	BR MF GE PE AL IS PM DU

ROCKERS / COVER PLATES		
	Ref.	Color
 Cover Plate for R - TV - SAT - RJ45 / R - TV - SAT - RJ45 - FO Multimedia Sockets	90770 T	BR MF GE PE AL IS PM DU
 Cover Plate for R - TV - SAT - 2xRJ45 Multimedia Socket	90773 T	BR MF GE PE AL IS PM DU
 Cover Plate for R - TV - RJ45 / R - TV - RJ45 - FO Multimedia Sockets	90774 T	BR MF GE PE AL IS PM DU





ENERGY SOCKETS		Ref.
	Earth Socket (Schuko Type) with Screwless Terminals 16A - 250V~	21130
	Earth Socket (Schuko Type) 16A - 250V~	21131
	Single Phase Socket 16A - 250V~	21121
	Earth Socket (French Type) with Screwless Terminals 16A - 250V~	21110
	Earth Socket (French Type) 16A - 250V~	21111
	Double Earth Socket (French Type) 16A - 250V~	21470
	Earth Socket (Euro-USA Type) 15A - 127V~ / 16A - 250V~	21140
	Earth Socket (USA NEMA Type) 15A - 127V~ ■ SASO 2204 ■ NEMA 5-15	21143
	Safety Earth Socket (British Type) 13A - 250V~	21185
	Double USB Charger Type A with Output at 20° ■ Voltage: 100-240 V~. ■ Frequency: 50-60 Hz. ■ Output voltage: 5V~. ■ Output current: 2.4A. ■ Two USB type A outlets. FEB. 2019	21384

■ See Technical Data Sheet - page 167.

ROCKERS / COVER PLATES		Ref.	Color
	Safety Cover Plate for Earth Socket (Schuko Type)	90632 T	BR MF LR VD VM GE PE AL IS PM DU
	Cover Plate for Earth Socket (Schuko Type)	90631 T	BR MF LR VD VM GE PE AL IS PM DU
	Cover Plate for Schuko Socket with Safety and Hinged Lid (IP44)	90634 T	BR MF VM VD GE PE AL IS PM DU
	Monoblock Cover for Safety Earth Socket (Schuko Type)	90903 T	BR MF GE PE AL IS PM DU
	Monoblock Cover for Earth Socket (Schuko Type)	90902 T	BR MF GE PE AL IS PM DU
	Safety Cover Plate for Single Phase Socket	90622 T	BR MF GE PE AL IS PM DU
	Cover Plate for Single Phase Socket	90621 T	
	Safety Cover Plate for Earth Socket (French Type)	90652 T	BR MF LR VD VM GE PE AL IS PM DU
	Cover Plate for French Socket with Safety and Hinged Lid (IP44)	90654 T	BR MF VM VD GE PE AL IS PM DU
	Monoblock Cover for Safety Earth Socket (French Type)	90904 T	BR MF GE PE AL IS PM DU
	Safety Cover Plate for Double Earth Socket (French Type)	90656 T	BR MF GE PE AL IS PM DU
	Safety Cover Plate for Earth Socket (Euro-USA Type)	90842 T	BR MF LR VD VM GE PE AL IS PM DU
	Cover Plate for Earth Socket (Euro-USA Type)	90841 T	
	Safety Cover Plate for Earth Socket (USA NEMA Type)	90843 T	BR MF LR VD VM GE PE AL IS PM DU
	Cover Plate for Safety Earth Socket (British Type)	90642 T	BR MF GE PE AL IS PM DU
	Cover Plate for Double USB Charger Type A with outlets at 20° FEB. 2019	90673 T	BR MF GE PE AL IS PM DU








ENERGY SOCKETS (SEMI-ASSEMBLED)		Ref.	Color
	Safety Earth Socket (Schuko) with Screwless Terminals 16A - 250V~	90133 W	BR MF LR VD VM GE PE AL IS PM DU
	Earth Socket (Schuko Type) with Screwless Terminals 16A - 250V~	90130 W	
	Schuko Socket with Screwless Terminals Safety and Hinged Lid 16A - 250V~	90496 W	BR MF GE PE AL IS PM DU

















IP44

OTHER MECHANISMS		Ref.
	Cable Outlet - Three Terminals ■ 3x2,5mm ² - 250V~.	21173
	Cable Outlet - Four Terminals ■ 4x2,5mm ² - 250V~.	21174
	Pilot Light ■ Max. 5W (E14) 250V~. ■ To be used with Lamp (Ref. 81012) - page 138. ■ To be used with Lamp (Ref. 81013) - page 138.	21360
	Loudspeaker Screw Terminal Socket	21220
	Support for Blind Cover Plate	21222
	Buzzer 230V~ - 50Hz ■ D type. ■ 5/15 sec..	21990

ROCKERS / COVER PLATES		
	Ref.	Color
	Cover Plate for Cable Outlets	90671 T BR MF GE PE AL IS PM DU
	Cover for Pilot Light	90781 T IC LR VD VM
	Cover Plate for Screw Terminal Loudspeaker Socket	90713 T BR MF GE PE AL IS PM DU
	Blind Cover Plate	90677 T BR MF GE PE AL IS PM DU
	Cover Plate for Loudspeaker of 2'' - 32 Ohm / Buzzer	90710 T BR MF GE PE AL IS PM DU














ACCESSORIES		
	Ref.	Color
	IP44 Kit for MEC 21 Mechanisms - Single Rocker IP44	21981 —
	IP44 Kit for MEC 21 Mechanisms - Double Rockers IP44	21982 —
	Cover for Mechanisms Protection	21971 —
	Level and Mounting Accessory for MEC 21 Mechanism	21989 —
	Card for Card-system Switch	21999 —

ACCESSORIES

	Ref.	Color
 <p>Cover Plate for R - TV Socket Multibrand 2 Outputs ■ 30mm between hole centres. See Technical Data Sheet - page 151.</p>	90685 T	BR MF GE PE AL IS PM DU
 <p>Cover Plate for R TV - SAT Socket Multibrand 2 Outputs ■ 30mm between hole centres. See Technical Data Sheet - page 151.</p>	90686 T	BR MF GE PE AL IS PM DU
 <p>Cover Plate for R - TV - SAT Socket Multibrand 3 Outputs ■ 30mm between R-TV hole centres. See Technical Data Sheet - page 151.</p>	90680 T	BR MF GE PE AL IS PM DU
 <p>TAE/TDO Cover for 1 to 3 Outputs</p>	90714 T	BR MF GE PE AL IS PM DU
 <p>UAE Cover for 1 or 2 Outputs</p>	90716 T	BR MF GE PE AL IS PM DU
 <p>Universal Cover Ring / Adapter for 45x45 Modules</p>	90881 T	BR MF VM GE PE AL IS PM DU
 <p>Flush Mounting Box ■ To be used in installations with trunkings with L75 Covers.</p>	10984 A	BR
 <p>Semi-Flush Mounting Box ■ To be used in installations with trunkings with L75 Covers.</p>	10985 A	BR
 <p>LOGUS 90 Series QUADRO 45 Series Surface Mounting Box</p>	10976 A	BR MF GE PE AL IS PM DU
 <p>LOGUS 90 Series Surface Double Mounting Box NEW</p>	10994 A	BR MF GE PE AL IS PM DU
 <p>LOGUS 90 Series Surface Triple Mounting Box NEW</p>	10995 A	BR MF GE PE AL IS PM DU
 <p>Replacement LED for MEC 21 / 48 Series - 250V~</p>	81019	—
 <p>Replacement LED for MEC 21 / 48 Series - 12V</p>	81018	—
 <p>Automatic Relay for Blinds Control ■ Rated voltage: 230V~ – 50Hz. ■ Breaking capacity: 6A. ■ Temporized. ■ Connect to the Double Push-buttons and to the Venetian Double Push-buttons. See Technical Data Sheet - page 162.</p>	81512	—
 <p>Relay for Blinds Control ■ Rated voltage: 230V~ – 50Hz. ■ Breaking capacity: 6A. ■ Not temporized. ■ Connect locally to Venetian Double Push-button (Ref. 21283 / 45283 S). ■ For centralized command of the installation, connect remotely to a Venetian Double Push-button (Ref. 21283 / 45283 S). See Technical Data Sheet - page 162.</p>	81511	—
 <p>Infrared Remote Control Transmitter Multifunctions ■ To control the Thermostat with Infrared Remote Control. ■ To control Blinds Control Modules with Infrared Remote Control. ■ To control the Surrounding Sound System. ■ Works with CR 2032 batteries, not included.</p>	81900	—



COMPLETE DEVICES

			Ref.	Color
	<p>Venetian Switch 10A - 250V~</p> <ul style="list-style-type: none"> ■ Switch function. ■ Electrical and mechanical blockade against two occasional simultaneous orders. ■ Toggles automatically one rocker when the other is pressed. 	NEW	90290 C	BR
	<p>Venetian Double Push-button 10A - 250V~</p> <ul style="list-style-type: none"> ■ Push-button function. ■ Electrical blockade against two occasional simultaneous orders. 	NEW	90281 C	BR
	<p>Ferromagnetic Dimmer/Two-way Switch - 500VA R, L</p> <ul style="list-style-type: none"> ■ 20-500W/VA. 	ECO	90211 C	BR MF GE PE AL IS PM DU
	<p>Electronic Dimmer/Two-way Switch - 320W R, C</p> <ul style="list-style-type: none"> ■ 5-320W/VA. ■ Silent. 	ECO	90212 C	
	<p>Monoblock Safety Earth Socket (Schuko Type) with Screwless Terminals 16A - 250V~</p>		90139 C	BR MF GE PE AL IS PM DU
	<p>Monoblock Safety Earth Socket (Schuko Type) 16A - 250V~</p>		90138 C	
	<p>Monoblock Earth Socket (Schuko Type) 16A - 250V~</p>		90135 C	
	<p>Monoblock Double Safety Earth Socket (Schuko Type) 16A - 250V~</p>		90332 C	BR MF GE PE AL IS PM DU
	<p>Monoblock Double Earth Socket (Schuko Type) 16A - 250V~</p>		90331 C	
	<p>Earth Socket (British Type) 13A - 250V~</p>		90184 C	BR MF GE PE AL IS PM DU
	<p>Earth Socket (British Type) with Switch and Pilot Lamp 13A - 250V~</p>		90183 C	
	<p>Double Earth Socket (British Type) 13A - 250V~</p>		90344 C	BR MF GE PE AL IS PM DU
	<p>Double Earth Socket (British Type) with Switch and Pilot Lamp 13A - 250V~</p>		90343 C	



FRAMES

Due to the **Square symmetry** of LOGUS 90 Series, all frames allow horizontal and vertical assembly.



		Single Frame 90910 T	Double Frame 90920 T	Triple Frame 90930 T	Four-Gang Frame 90940 T	Five-Gang Frame 90950 T	Waterproof Frame 90961 T IP44
		Color	Color	Color	Color	Color	Color
BASE		BR MF	BR MF	BR MF	BR MF	BR MF	BR MF
AQUARELLA		GE PE AL IS PM DU	GE PE AL IS PM DU	GE PE AL IS PM DU	GE PE AL IS PM DU	GE PE AL IS PM DU	GE PE AL IS PM DU
ANIMATO		BB MM EE PP RG DG ZG JG VG TS BS AA AS SS PG PA PS RR UG UU	BB MM EE PP RG DG ZG JG VG TS BS AA AS SS PG PA PS RR UG UU	BB MM EE PP RG DG ZG JG VG TS BS AA AS SS PG PA PS RR UG UU	BB MM EE PP RG DG ZG JG VG TS BS AA AS SS PG PA PS RR UG UU		
CRYSTAL		CG CP CA CS EG EA ES EP	CG CP CA CS EG EA ES EP	CG CP CA CS EG EA ES EP	CG CP CA CS EG EA ES EP		
METALLO		TP IA OP QS US RS OU	TP IA OP QS US RS OU	TP IA OP QS US RS OU	TP IA OP QS US RS OU		
ARBORE		FP JP MS NA	FP JP MS NA	FP JP MS NA	FP JP MS NA		
PETRA		GG GP GA GS	GG GP GA GS	GG GP GA GS	GG GP GA GS		

The finishings **ANIMATO**, **CRYSTAL**, **METALLO**, **ARBORE** and **PETRA**, use the **rockers** and **cover plates** of **AQUARELLA** (Ice, Pearl, Aluminium, Gray, Black Matt or Gold) and **BASE** (White and Ivory).

- **T** - Rocker, Cover Plate or Frame.
- **BASE**: BR - White; MF - Ivory.
- **AQUARELLA**: GE - Ice; PE - Pearl; AL - Aluminium; IS - Gray; PM - Black Matt; DU - Golden.
- **ANIMATO**: BB - White/White; MM - Ivory/Ivory; EE - Ice/Ice; PP - Pearl/Pearl; RG - Yellow/Ice; DG - Green/Ice; ZG - Blue/Ice; JG - Orange/Ice; VG - Red/Ice; TS - Intense Orange/Gray; BS - Intense Red/Gray; AA - Aluminium/Aluminium; AS - Aluminium/Gray; SS - Gray/Gray; PG - Black Matt/Ice; PA - Black Matt/Aluminium; PS - Black Matt/Gray; RR - Black Matt/Black Matt; UG - Golden/Ice; UU - Golden/Golden.
- **CRYSTAL**: CG - Cristal/Ice; CP - Cristal/Pearl; CA - Cristal/Aluminium; CS - Cristal/Gray; EG - Black Cristal/Ice; EA - Black Cristal/Aluminium; ES - Black Cristal/Gray; EP - Black Cristal/Black Matt.
- **METALLO**: TP - Titanium/Pearl; IA - Inox/Aluminium; OP - Gold/Pearl; QS - Nickel/Gray; US - Aluminium/Gray; RS - Chrome/Gray; OU - Gold/Golden.
- **ARBORE**: FP - Beech Wood/Pearl; JP - Cherry Tree/Pearl; MS - Mahogany/Gray; NA - Walnut Tree/Aluminium.
- **PETRA**: GG - Granite/Ice; GP - Granite/Pearl; GA - Granite/Aluminium; GS - Granite/Gray.

DESCRIPTION



- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- The Digital Time Switch allows to control an installation or equipment according to daily or weekly programmed schedule.
- Includes capacity for 24 different program settings.
- Automatic Winter-Summer official time adjustment and possibility of programming a period of inactivity (holidays).

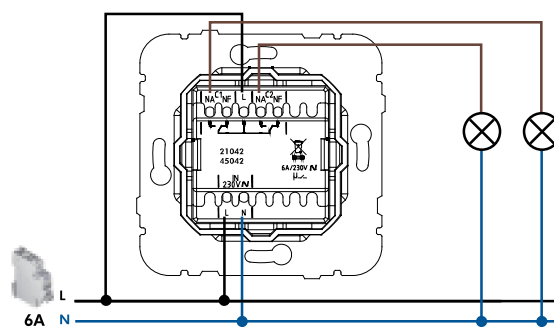
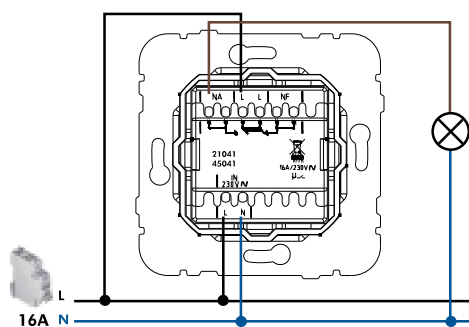
OPERATION

- Allows to change the ON/OFF state of each circuit by manual operation.
- Allows independent programming of the ON, OFF and PULSE functions (1-59 seconds) for each circuit.

CHARACTERISTICS

- 1 Circuit: 16A - 230V~ - 50/60Hz.
- 2 Circuits: 6A + 6A - 230V~ - 50/60Hz.
- Power consumption: < 1W.
- Memory capacity: 24.
- Output type: ON, OFF and Pulse (1 to 59 seconds).
- Programming accuracy: 1 second.
- Operating accuracy: ≤ 1 sec/day.
- Operating temperature: -10°C to +45°C.
- Battery back up: 24 hours.
- Outputs: NO + NC.
- Inverter contact (NO+NC), voltage free.

WIRING DIAGRAMS



DESCRIPTION



- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- Compatible with input modules of different home automation systems.
- Single entry - four independent outputs.
- Contact opening and closing through microswitch (voltage free and of **Very Low Tension**).

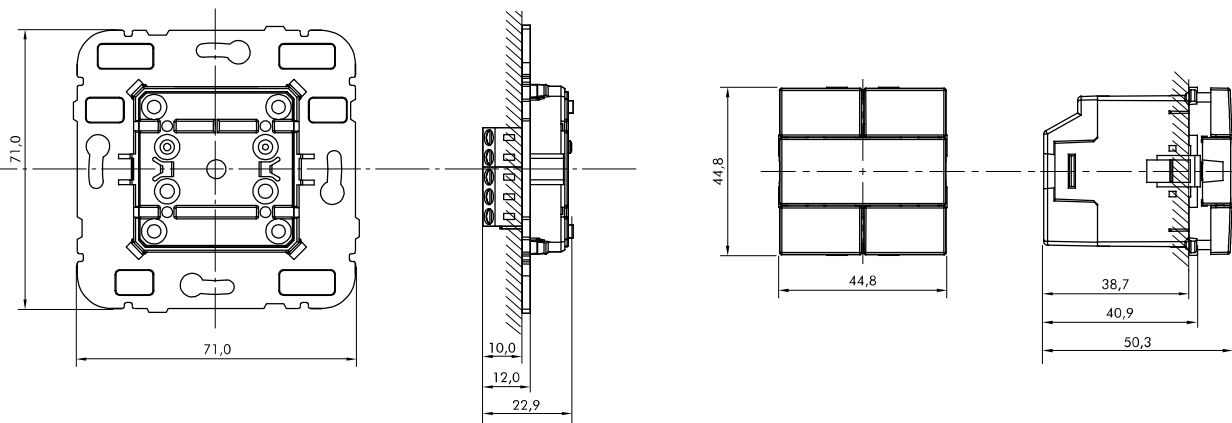
OPERATION

- Press each of the rockers to close the circuit.

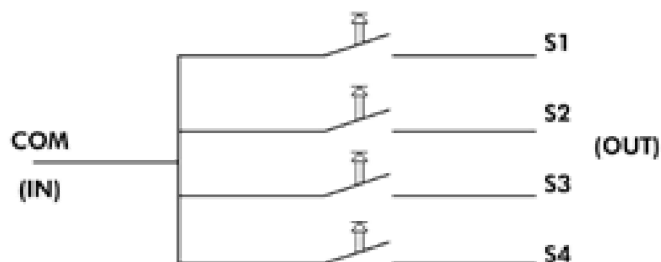
CHARACTERISTICS

- Maximum power dissipation: 60mW (DC 12V 50mA).
- Maximum voltage: 32V.
- Insulation resistance: $\geq 100M\Omega$.
- Dielectric strength: AC 250V~ 50Hz/1min.
- Operating temperature: -25°C to +70°C.
- Maximum relative humidity: (40°C) $\leq 95\%$.
- Contact resistance: $\leq 40m\Omega$.
- Outputs: 4NO.

DIMENSIONS (mm)



CIRCUIT DIAGRAM



DESCRIPTION



PROGRAMMABLE CHRONOTHERMOSTAT

- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- It allows to control manually or automatically the heating/cooling system in accordance with a daily/weekly programming and with preprogrammed temperatures.
- Possibility of connecting the Floor Temperature Sensor (Ref. 81950), with automatic self detection.
- Automatic winter/summer time change.
- Possibility of programming a period of inactivity (holidays).
- Battery back up: 24 hours.



THERMOSTAT WITH INFRARED REMOTE CONTROL

- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- It allows to control the heating/cooling system according desired temperature.
- Possibility to be controlled by the Infrared Remote Control Transmitter Multifunctions (Ref. 81900).
- Possibility of connecting the Floor Temperature Sensor (Ref. 81950), with automatic self detection.
- **TIMER** from 15 to 90 minutes (at intervals of 15 minutes).

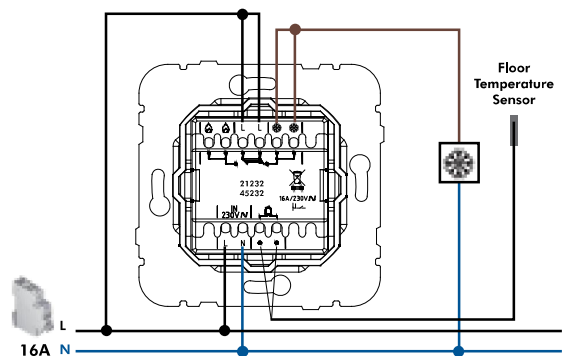
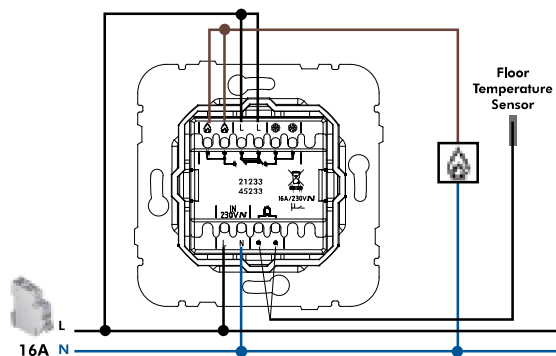
OPERATION

- Allows to select a constant desired room temperature (with the Thermostat with Infrared Remote Control).
- Allows to select a desired room temperature for different times of the day and for different days of the week (with the Programmable Chronothermostat).

CHARACTERISTICS

- 230V~ - 50Hz - 16A.
- Consumption: < 1W.
- Operating temperature: -10°C to +45°C.
- Range of temperature readings: -9°C to 35°C.
- Optimized for electric floor heating.
- Programmable temperatures: maximum, minimum, "antifreeze" and floor temperature sensor.
- Inverter contact (NO+NC), voltage free.

WIRING DIAGRAMS (HEATING / COOLING)



DESCRIPTION



- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- Controls the connection of electrical circuits according to the detection of motion and surrounding luminosity.
- Compatible with any electrical load.
- Wall mounting.

OPERATION

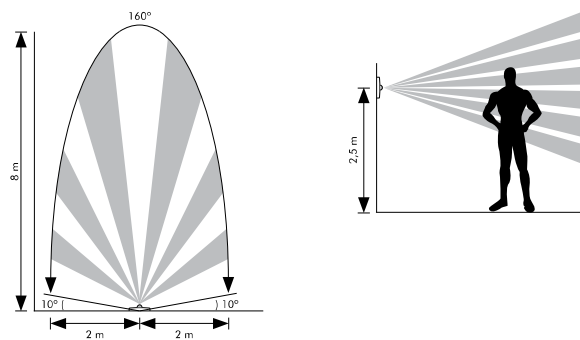
- Remove the cover of the mechanism to reach the adjustment potentiometers.
- Proceed to make the necessary adjustments.

Operating Time Regulation

Sensibility Regulation



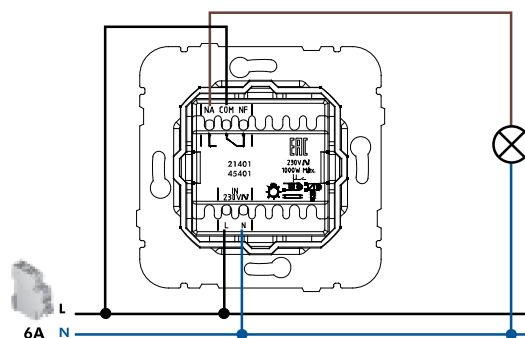
Range of Detection and Detection Angle



CHARACTERISTICS

- 230V~ - 50Hz.
- Ref. 21401: 1000W.
- Ref. 21402: 400W.
- It needs a neutral conductor.
- Consumption: < 1W.
- Sensitivity regulation.
- Operating time regulation: 5 sec. to 5 min.
- Range of detection: 8 meters.
- Maximum height: 2,5 meters.
- Detection angle: 160°.
- Outputs: NO+NC.
- Inverter contact (NO+NC), voltage free

WIRING DIAGRAM



DESCRIPTION**GENERAL BLINDS CONTROL MODULE WITH INFRARED REMOTE CONTROL**

- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- They allow manually or automatically, the general or individual control of blinds, according to the programmed schedule or the surroundings conditions (luminosity, wind, etc.), measured by associated sensors.
- Local control of blinds.
- Possibility to be controlled by the Infrared Remote Control Transmitter Multifunctions (Ref. 81900).
- Battery back up: 24 hours.
- Allows to receive sensor signals: 230V~ (PR1 and PR2).
- 2 programming functions (up or down)
- Function "Stand-By".

**LOCAL BLINDS CONTROL MODULE WITH INFRARED REMOTE CONTROL**

- MEC 21 Mechanisms:
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- Individual control of blinds.
- Local control of blinds.
- Possibility to be controlled by the Infrared Remote Control Transmitter Multifunctions (Ref. 81900).

OPERATION

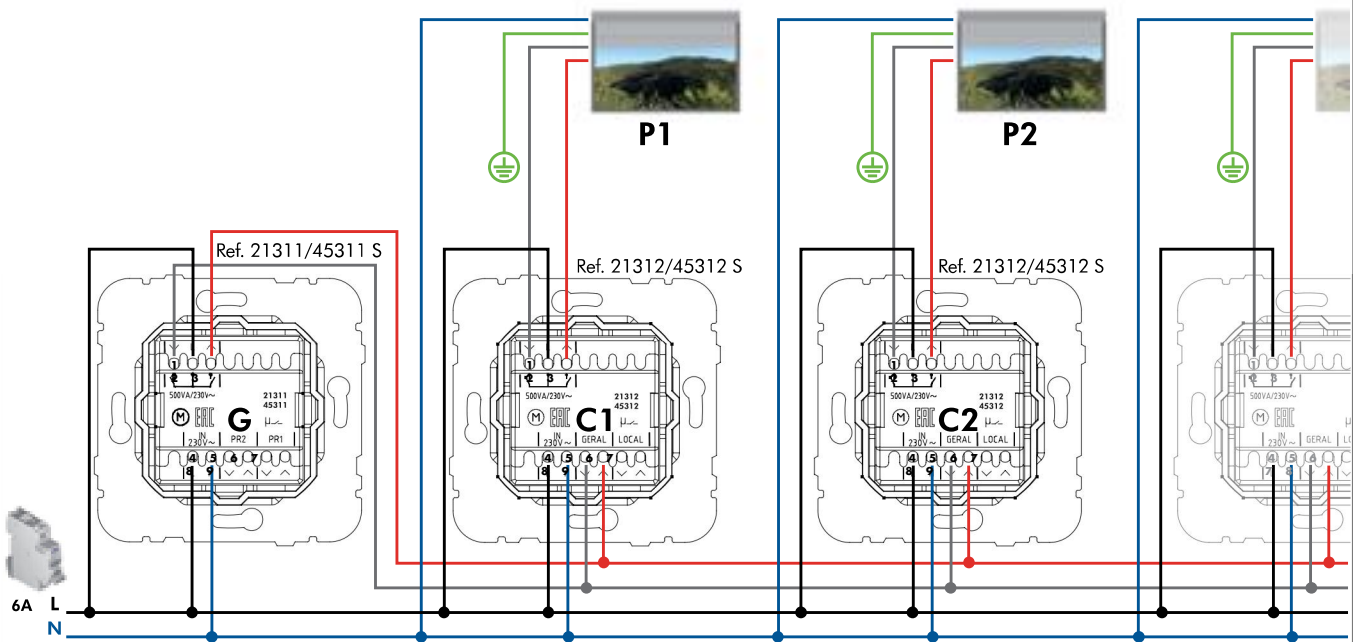
- Press the buttons to open/close the blinds.
- Allows to programme two operations for each 24 hours (only in the General Blinds Control Module).

CHARACTERISTICS

- 230V~ ±10% - 50Hz - 500VA.
- Consumption: < 1W.
- Outputs: NO.
- Inverter contact (NO+NC), voltage free.

WIRING DIAGRAM

■ BLINDS CENTRALIZED INSTALLATION - WITH BLINDS CONTROL MODULES



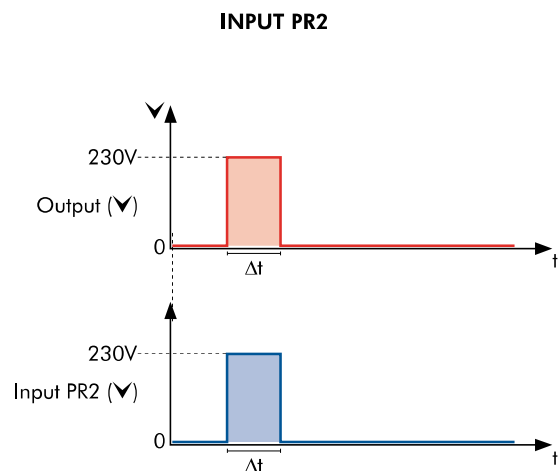
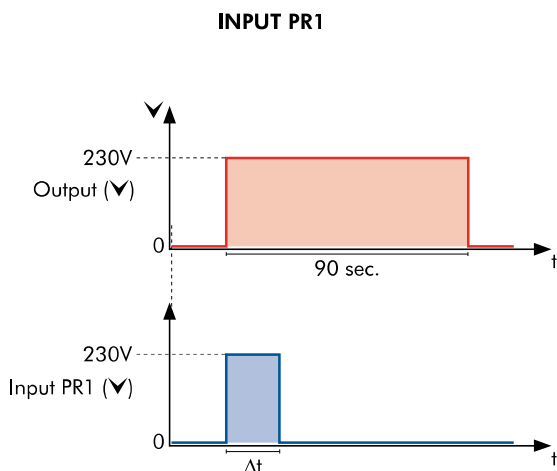
GENERAL BLINDS CONTROL (G)

1. General Output - Down
2. Blinds Power Supply (line)
3. General Output - Up
4. Power Supply (line)
5. Power Supply (neutral)
6. Signal input priority 2 (230V~) - Down
7. Signal input priority 2 (230V~) - Up
8. Signal input priority 1 (230V~) - Down
9. Signal input priority 1 (230V~) - Up

LOCAL BLINDS CONTROL (C1), (C2), ...

1. Output for Motor - Down
2. Blinds Power Supply (line)
3. Output for Motor - Up
4. Power Supply (line)
5. Power Supply (neutral)
6. Signal input from General Blinds Control - Down
7. Signal input from General Blinds Control - Up
8. Signal input from the Local Blinds Control - Down
9. Signal input from the Local Blinds Control - Up

OPERATION INPUTS (EXAMPLE DOWN ▼)



DESCRIPTION



AUTOMATIC RELAY FOR BLINDS CONTROL

- Allows to control the individual and general control of a set of blinds.
- Can be installed into a standard wall box, in the derivation boxes near the blinds or in deep wall boxes and behind the wiring devices installed in the same box.
- **Temporized.**



RELAY FOR BLINDS CONTROL

- **Only compatible with Venetian Double Push-button for Multiple Points Blinds Control (Ref. 21283 / 45283 S).**
- Allows the individual and general control of a set of blinds.
- Can be installed into a standard wall box, in the derivation boxes near the blinds or in deep wall boxes and behind the wiring devices installed in the same box.
- **Not temporized.**

OPERATION

- Press the associated buttons to open/close the blinds.

CHARACTERISTICS

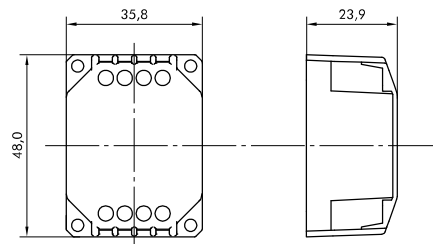
REF. 81512

- 230V~ - 50Hz - 6A (1380W, $\cos\phi=1$).
- Consumption: < 1W.
- Opening and closing time: 90 seconds.
- Protection against two simultaneous orders - Electrical blockage is guaranteed by Relay (Ref. 81512).

REF. 81511

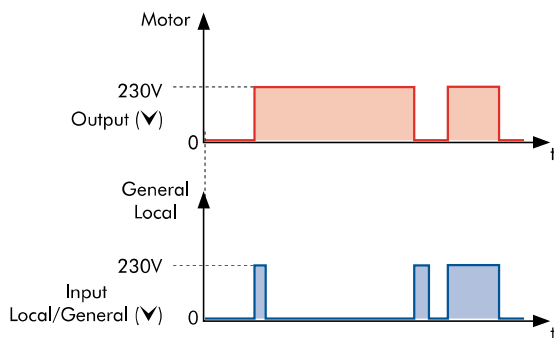
- 230V~ - 50Hz - 6A (1380W, $\cos\phi=1$).
- Consumption: < 1W.
- Protection against two simultaneous orders - Electrical blockage is guaranteed by the association of the Relay (Ref. 81511) with the Venetian Double Push-button for Multiple Points Blinds Control (Ref. 21283 / 45283 S).

DIMENSIONS (mm)

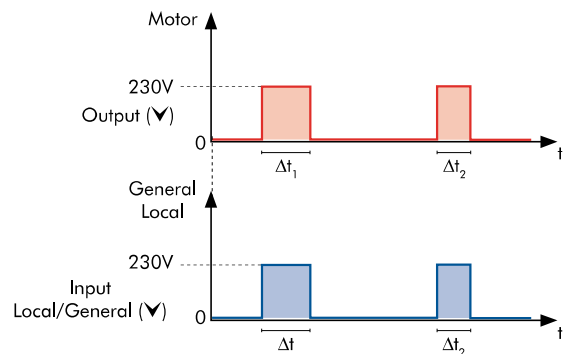


OPERATION INPUTS (EXAMPLE DOWN ∨)

REF. 81512

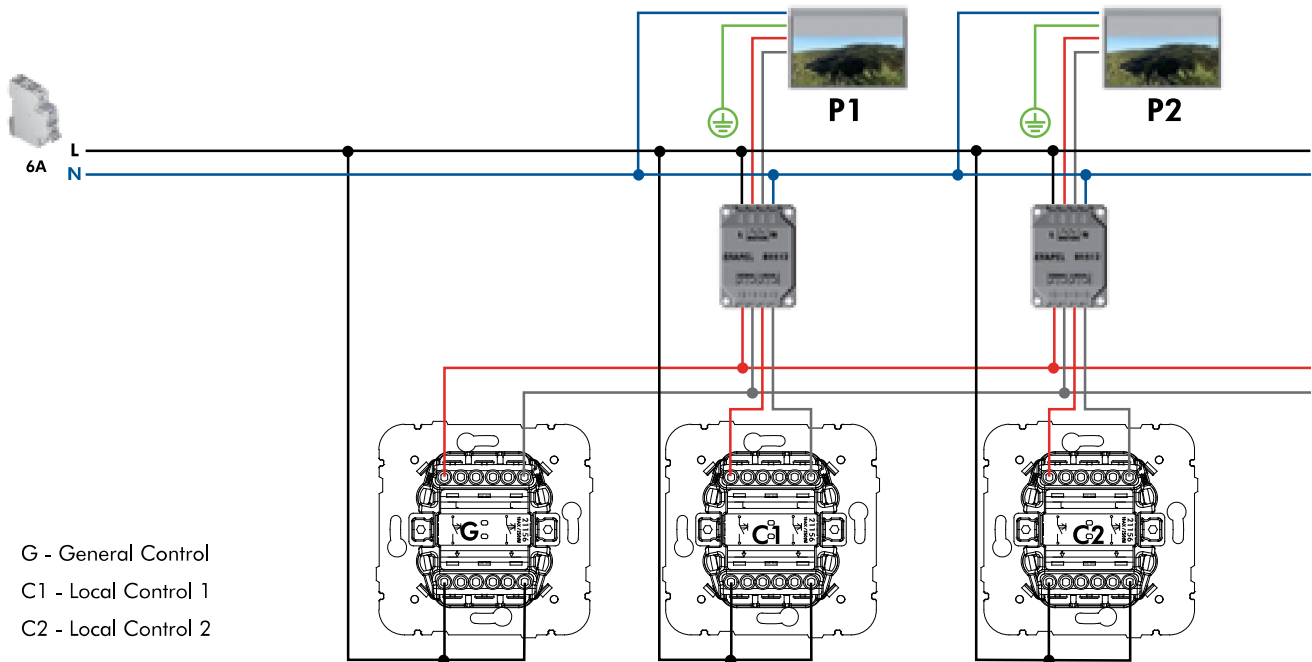


REF. 81511



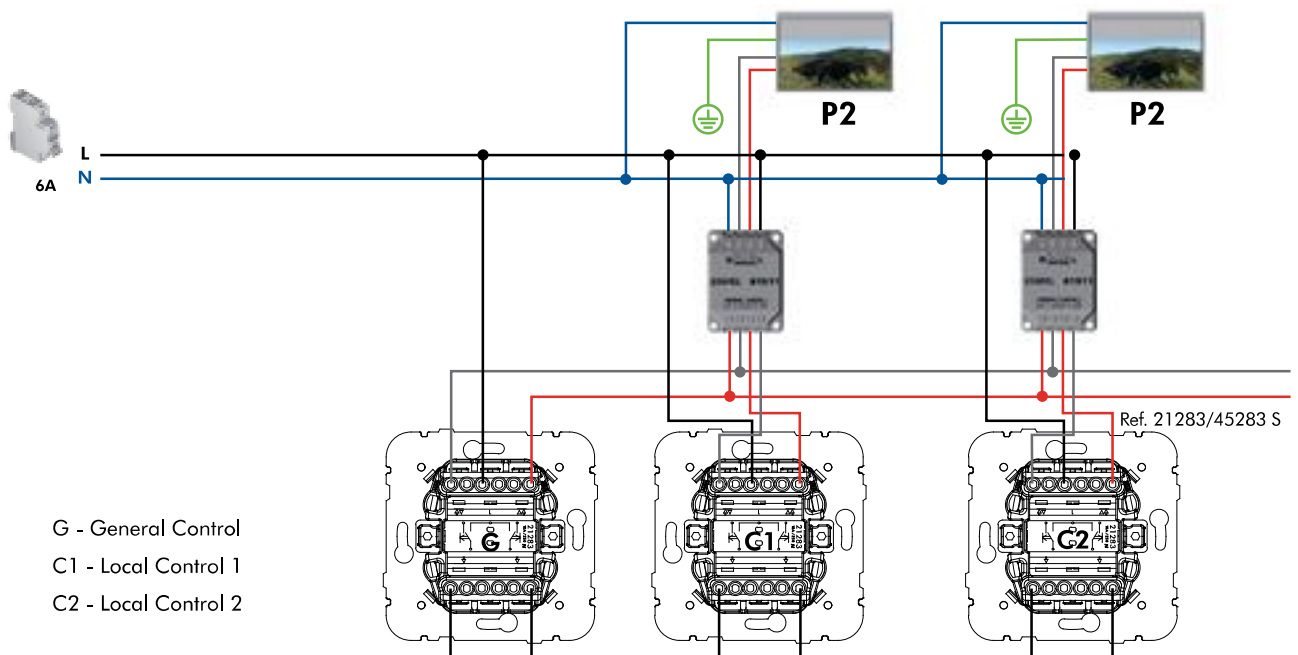
WIRING DIAGRAMS

■ **BLINDS CENTRALIZED INSTALLATION - WITH AUTOMATIC RELAYS FOR BLINDS CONTROL (REF. 81512)**



Note: The protection against two simultaneous orders of open or close applied in the same device or different devices, is guaranteed by the software of the relay.

■ **BLINDS CENTRALIZED INSTALLATION - WITH RELAYS FOR BLINDS CONTROL (REF. 81511)**



Notes:

- It is required to hold down the buttons in order to open / close entirely the blinds.
- The protection against two simultaneous opening and close orders in the same device or different devices is guaranteed by the combination of the mechanism (Ref. 21283 / 45283 S) and the relay (Ref. 81511). For this reason, this relay works only with the mentioned mechanism.

■ **AUTOMATIC RELAY FOR BLINDS CONTROL (REF. 81512)**

- N - Neutral
- L - Phase
- ▲ - Output for motor - Up
- ▼ - Output for motor - Down
- GENERAL - Inputs from the General Control
- LOCAL - Inputs from the Local Control

■ **RELÉ DE COMANDOS DE PERSIANA (REF. 81511)**

- N - Neutral
- L - Phase
- ▲ - Output for motor - Up
- ▼ - Output for motor - Down
- GENERAL - Inputs from the General Control
- LOCAL - Inputs from the Local Control

DIMMERS (REF. 21210 | 21211 | 21212 | 21213 | 21214 | 21215 | 21216 | 21217 | 21219)

DESCRIPTION



- MEC 21 Mechanisms:
 - Finishings - LOGUS⁵⁰ | APOLO 5000 | sirius70.
- Allows to adjust the luminous flux of one or more lamps.

OPERATION

- Rotary variation of luminous flux.
- Press button for ON / OFF switching status.

CHARACTERISTICS

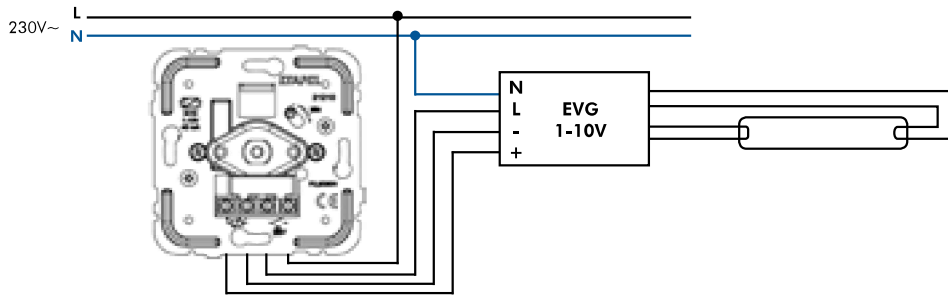
■ Maximum Recommended Loads

REF.	TYPE	FUSE	MIN.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.
						DIMMABLE	DIMMABLE	CFL DIMMABLE	LED DIMMABLE	EVG 1-10V	
21210	—	F0,8A/250V~	—	—	—	—	—	—	—	40mA	—
21211	Phase-cut dimming in the Forward phase "Leading Edge"	T2A/250V~	20W/VA	500W	500W	500VA	—	—	—	—	—
21212	Phase-cut dimming in the Reserve phase "Trailing Edge"	—	5W/VA	320W	320W	—	320VA	—	—	—	—
21213	Phase-cut dimming in the Reserve phase "Trailing Edge"	—	20W/VA	550W	550W	—	550VA	—	—	—	—
21214	Phase-cut dimming in the forward phase "Leading Edge"	T1A/250V~	7W/VA 3W (LED)	110W	110W	110VA	—	110W	35W	—	—
21215	Phase-cut dimming in the Reserve phase "Trailing Edge"	—	15W/VA 3W (LED)	150W	150W	—	150VA	150W	50W	—	—
21216	Phase-cut dimming in the forward phase "Leading Edge"	T2A/250V~	20W/VA 3W (LED)	250W	250W	250VA	—	250W	85W	—	—
21217	Phase-cut dimming in the Reserve phase "Trailing Edge"	—	15W/VA 5W (LED)	450W	450W	—	450VA	450W	150W	—	—
21219	Phase-cut dimming in the forward phase "Leading Edge"	F2,5A/250V~	25W/VA	600W	600W	—	—	—	—	—	600VA

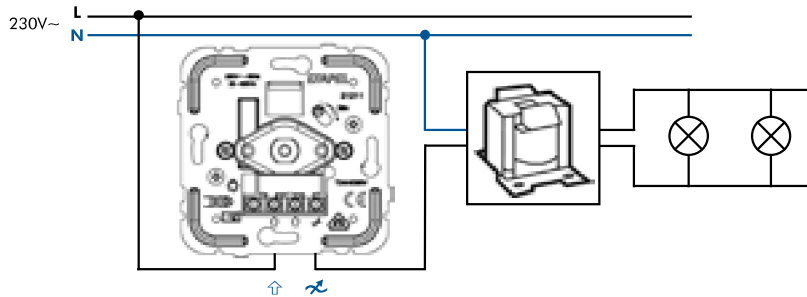
Note: Maximum number of recommended lamps for each circuit = 8 Lamps.

WIRING DIAGRAMS

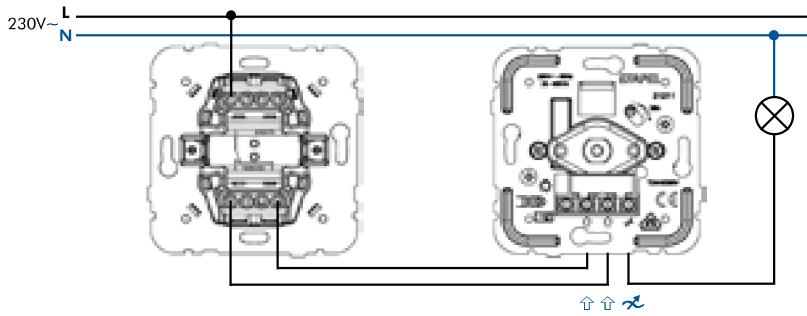
■ REF. 21210 (EVG 1-10V)



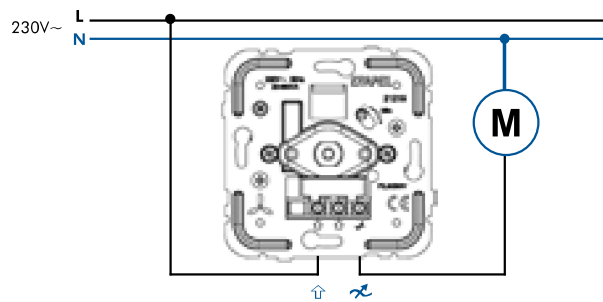
■ REF. 21211 / 21212 / 21213 / 21214 / 21215 / 21216 / 21217



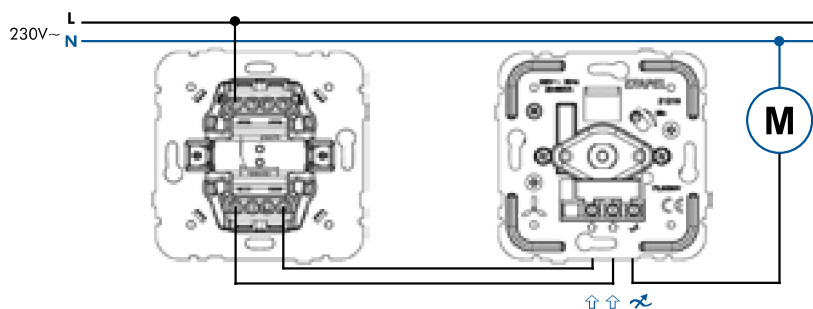
■ REF. 21211 / 21212 / 21213 / 21214 / 21215 / 21216 / 21217



■ REF. 21219

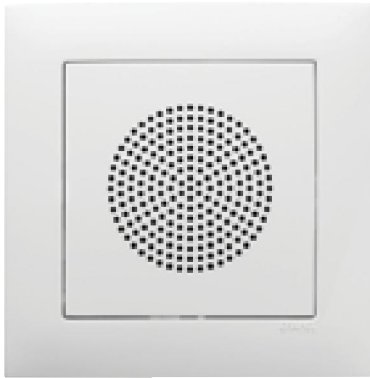


■ REF. 21219



BUZZER (REF. 21990)

DESCRIPTION



- MEC 21 Mechanisms:
- Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.

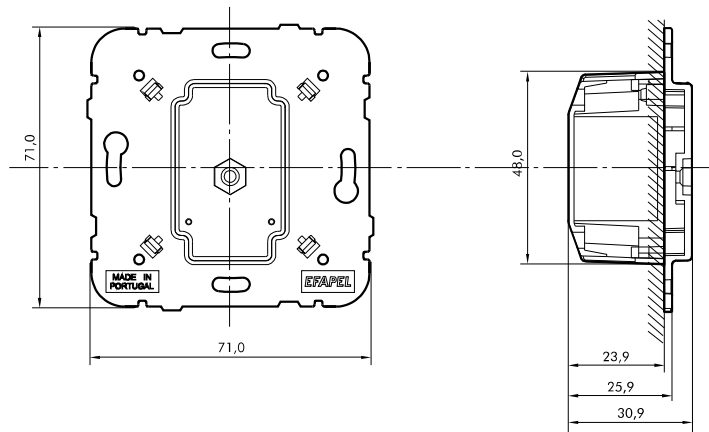
OPERATION

- Produces a sound signal when powered.

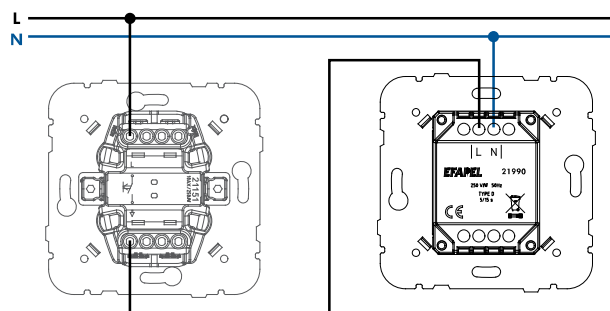
CHARACTERISTICS

- Voltage: 230V~ - 50Hz.
- Frequency: 50Hz.
- Type: D (Type D beep).
- Cycle of operation: 5/15 seconds.

DIMENSIONS (mm)



WIRING DIAGRAM



DESCRIPTION

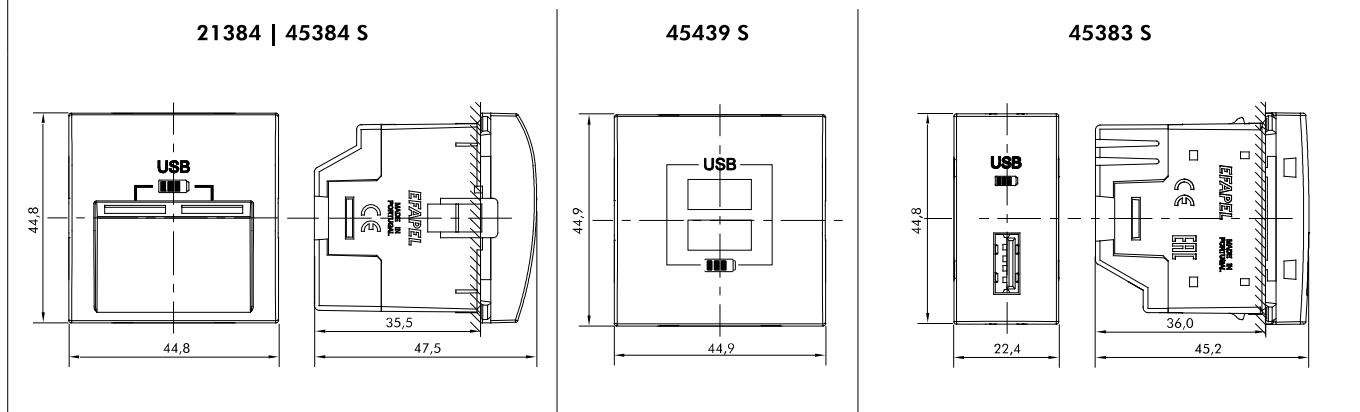


- 21384 | 45384 S - USB Charger 2 saídas 20° tipo A - 2400mA.
- 45439 S - USB Charger 2 tipo A - 2100mA.
- 45383 S - USB Charger 2 tipo A - 1500mA.
- Enables the feeding/charging of devices through the USB outlet, such as mobile phones/ Smartphones, tablets, Powerbanks, MP3, MP4 etc.
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- MEC 21 Mechanisms:
 - Compatible with finishes - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Available in colors **BR** - White, **MF** - Ivory, **AT** - Anthracite, **GE** - Ice, **PE** - Pearl, **AL** - Aluminium, **IS** - Gray, **BM** - White Matt; **PM** - Black Matt, **DU** - Golden, **CH** - Champagne, **PR** - Silver, **GR** - Graphite, **PL** - Platinum.

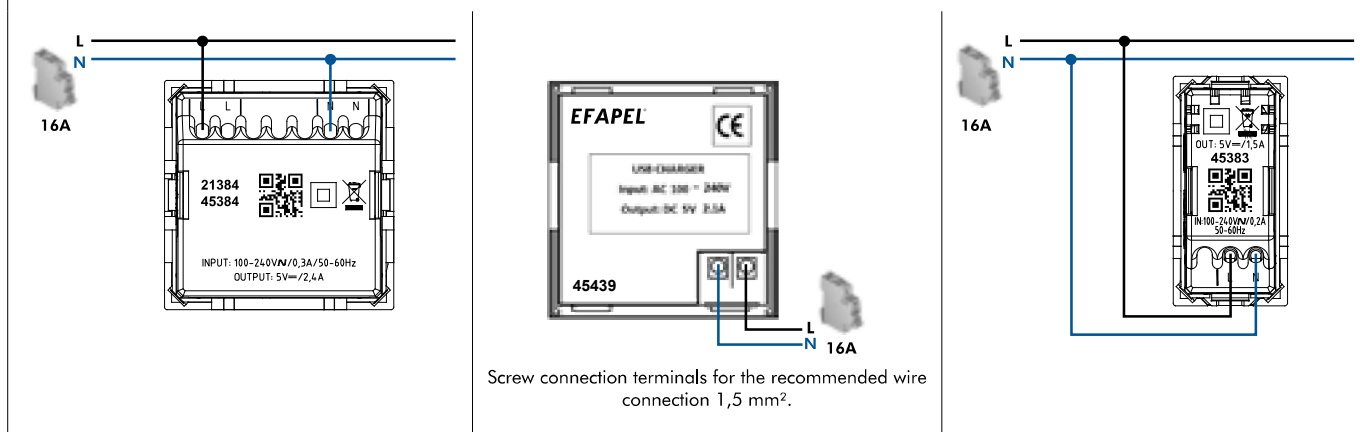
CHARACTERISTICS

	21384 45384 S	45439 S	45383 S
Mechanisms in technical thermoplastic - resistant material, non-conductive.			
Input voltage	100-240V~ - 50/60Hz	100-240V~ - 50/60Hz	100-240V~ - 50/60Hz
Output voltage	5V=	5V=	5V=
Input maximum current	2,4A	2,1A	1,5A
Efficiency	80%	78%	80%
Standby consumption	<0,1W	< 0,2W	<0,1W
Output	2xUSB type A	2xUSB type A	1xUSB type A

DIMENSIONS (mm)



WIRING DIAGRAMS



HDMI SOCKET (REF. 45435 S | 45436 S)

DESCRIPTION

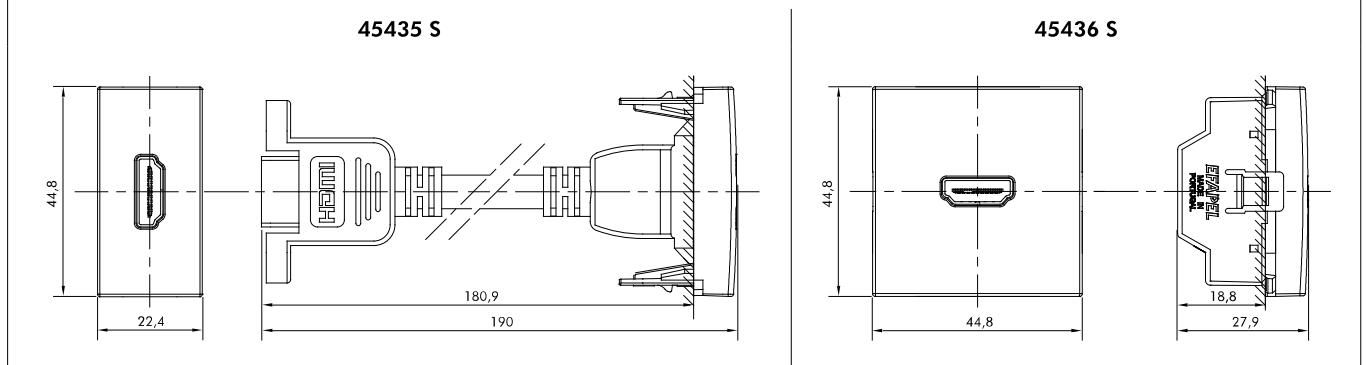


- 45435 S - HDMI Socket with Connector - 1 Module.
- 45436 S - HDMI Socket with Screwless Connect - 2 Modules.
- Enables the passage of Audio/Visual in high definition through the HDMI connector, between any transmitter (computer, DVD, ...) with a HDMI connection and a terminal (TV, LCD, Video projector,...).
- Semi-assembled devices - **QUADRO 45**:
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.
- MEC 21 Mechanisms:
 - Compatible with finishes - **LOGUSSM** | **APOLLO 5000** | **sirius70**, with the adapter for each of the series (XX881 T).
- Available in colors **BR** - White, **MF** - Ivory, **AT** - Anthracite, **GE** - Ice, **PE** - Pearl, **AL** - Aluminium, **IS** - Gray, **BM** - White Matt; **PM** - Black Matt, **DU** - Golden, **CH** - Champagne, **PR** - Silver, **GR** - Graphite, **PL** - Platinum.

CHARACTERISTICS

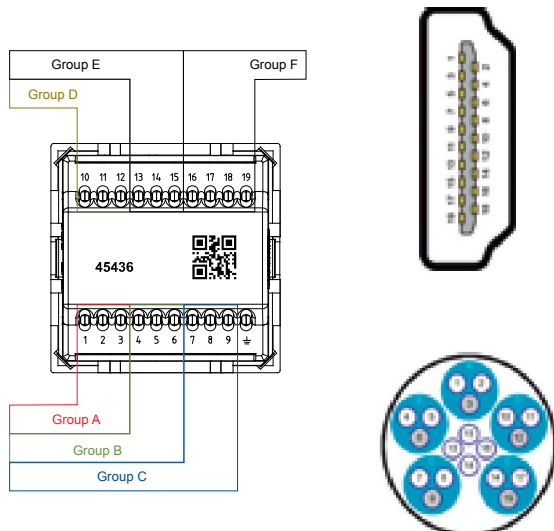
	45435 S	45436 S
Mechanisms in technical thermoplastic - resistant material, non-conductive.		
Connection	Through cable cord (female connector)	Screw
Distance between HDMI sockets	10 meters	5 meters
Maximum resolution	1080p	1080p
Connectors	Type 1,4 E Version	Tipo 1,4 E Version

DIMENSIONS (mm)



WIRING DIAGRAMS

45436 S



Pino	Color	Group
Pino 1	White	Group A / Red Group
Pino 2	Mesh	
Pino 3	Red	
Pino 4	White	Group B / Green Group
Pino 5	Mesh	
Pino 6	Green	Group C / Blue Group
Pino 7	White	
Pino 8	Mesh	
Pino 9	Blue	Group D / Brown Group
Pino 10	White	
Pino 11	Mesh	Group E / Cables without group
Pino 12	Brown	
Pino 13	Red	
Pino 14	Roxo	Group F / Remaining Cables without Group
Pino 15	Orange	
Pino 16	Yellow	
Pino 17	Green	
Pino 18	White	
Pino 19	Blue	

DESCRIPTION

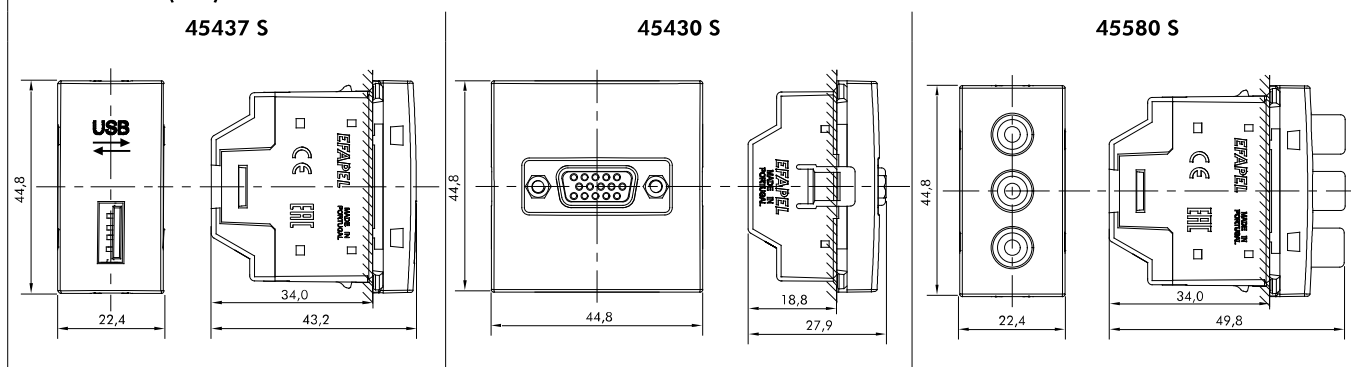


- 45437 S - USB Data Socket – 1 Module. Enables data passage through USB connection.
- 45430 S - Female HD15 Socket - 2 Modules. Enables the passage of video through a VGA connector between any transmitter (computer, DVD, ...) with a VGA connection and a terminal (TV, LCD, Videoprojetor, ...).
- 45580 S - Female RCA Socket 3 Outputs - 1 Module. Enables the passage of video through a RCA connector between any transmitter (computer, DVD,...) with a RCA connection and a terminal (TV, LCD, Video projetor,...).
- Semi-assembled devices - **QUADRO 45**:
- Finishings - **QUADRO 45** | **QUADRO 45 - Siza Vieira**.
- MEC 21 Mechanisms:
- Compatible with finishes - **LOGUS^{SD}** | **APOLO 5000** | **sirius70**, with the adapter for each of the series (XX881 T).
- Available in colors **BR** - White, **MF** - Ivory, **AT** - Anthracite, **GE** - Ice, **PE** - Pearl, **AL** - Aluminium, **IS** - Gray, **BM** - White Matt; **PM** - Black Matt, **DU** - Golden, **CH** - Champagne, **PR** - Silver, **GR** - Graphite, **PL** - Platinum.

CHARACTERISTICS

	45437 S	45430 S	45580 S
Mechanisms in technical thermoplastic - resistant material, non-conductive.			
Connection	Screw	Screw	Screw
Distance between sockets	5 meters	15 meters	20 meters
Maximum speed	12 Mbit/s	not apply	not apply

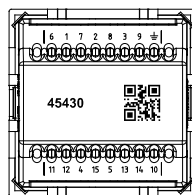
DIMENSIONS (mm)



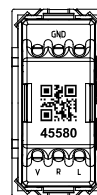
WIRING DIAGRAMS



Pino	
+	VBUS 5VDC
-	GROUND
D+	DATA +
D-	DATA -



Pino	
1	RED COAX
2	GREEN COAX
3	BLUE COAX
4	ORANGE (ID BIT 2 - NC)
5	RED (GND)
6	RED BRAID
7	GREEN BRAID
8	BLUE BRAID
9	WHITE (KEY)
10	BLUE (GND)
11	BROWN (ID BIT 0 - GND)
12	YELLOW (ID BIT 1 - SDA)
13	GREY (HORIZONTAL SYNCHRONIZATION)
14	GREEN (VERTICAL SYNCHRONIZATION)
15	BLACK (ID BIT 3 - SCL)
16	SHIELD (GROUND)



Pino	
V	VIDEO CABLE
R	RIGHT AUDIO SIGNALS
L	LEFT AUDIO SIGNALS
GND	GROUND

MULTIMEDIA SOCKETS | RADIO, TELEVISION AND SATELLITE SOCKETS

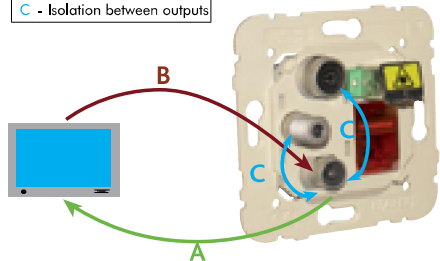
DESCRIPTION



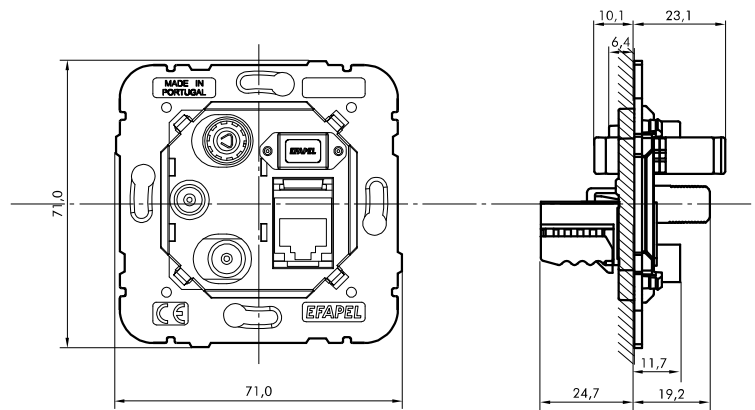
- MEC 21 Mechanisms (Multimedia Sockets | Radio, Television and Satellite Sockets):
 - Finishings - LOGUS⁹⁰ | APOLO 5000 | **sirius70**.
- Semi-assembled devices - **QUADRO 45**: (Radio, Television and Satellite Sockets):
 - Finishings - **QUADRO 45** | **QUADRO 45** - *Siza Vieira*.

CHARACTERISTICS

- A - Derivation attenuation
- B - Return Losses
- C - Isolation between outputs



DIMENSIONS (mm)



SOCKETS TYPE

TYPOLOGY		REF.	RADIO	TV	SAT	FO SC-APC	RJ45 Cat. 6	
STAR CONNECTION		21543	☉	●	⬡			
		21544	☉	●	⬡		☑	
		21545	☉	●	⬡	☑	☑	
		21546	☉	●	⬡			☑ ☑
		21533	☉	●				
		21534	☉	●				☑
SERIES CONNECTION		21554	☉	●				
		21555	☉	●	⬡			
		21564	☉	●				
		21565	☉	●	⬡			

■ R - TV - SAT SOCKETS (IMPEDANCE OF 75 Ohm)

LINEAL	OUTPUTS		DERIVATION LOSSES (dB)										INSERTION LOSSES dB	INSULATION BETWEEN OUTPUTS dB	RETURN LOSSES dB	DC CURRENT PASSAGE mA (DC)
	CONNECTOR/OUTPUTS		RETURN	BI	SUB BAND	FM	S. LOW	BIII /DAB	S. HIGH HYPER	UHF	SAT					
REF.			4-47 MHz	47-68 MHz	68-80 MHz	84-108 MHz	112-174 MHz	174-230 MHz	230-446 MHz	470-862 MHz	950-2150 MHz	2150-2400 MHz				
STAR 21543 21544 21545 21546 45543 S	IEC MALE	TV	0,8	1,0	0,8	0,8	0,8	0,8	0,8	2,0	--	--	--	>20	>18	--
	IEC FEMALE	R	17,4	17,4	17,4	17,4	17,4	17,4	17,4	17,4	--	--				--
	F FEMALE	SAT	--	--	--	--	--	--	--	--	2,2	2,6				(SAT-IN) 500mA
TERMINAL 21555 45555 S	IEC MALE	TV	6,2 ^{±1}	6,2 ^{±1}	6,2 ^{±1}	6,2 ^{±1}	6,0 ^{±1}	6,2 ^{±1}	5,8 ^{±1}	8,6 ^{±1}	--	--	--	>12	>18	--
	IEC MALE	R	15	15	15	15	15	15	15	15	--	--				--
	F FEMALE	SAT	--	--	--	--	--	--	--	--	5,6 ^{±1}	6,4 ^{±1}				(SAT-IN) 500mA
PASSAGE 21565 45565 S	IEC MALE	TV	10,0 ^{±1}	10,0 ^{±1}	10,0 ^{±1}	10,0 ^{±1}	9,6 ^{±1}	10,0 ^{±1}	10,0 ^{±1}	10,0 ^{±1}	--	--	<3,6	>12	>18	--
	IEC FEMALE	R	20,0 ^{±1}	20,0 ^{±1}	20,0 ^{±1}	20,0 ^{±1}	20,0 ^{±1}	20,0 ^{±1}	20,0 ^{±1}	20,0 ^{±1}	--	--				--
	F FEMALE	SAT	--	--	--	--	--	--	--	--	11,0 ^{±1}	8,6 ^{±1}				(SAT-IN) 500mA

■ R - TV SOCKETS (IMPEDANCE OF 75 Ohm)

EQUALIZED	OUTPUTS		DERIVATION LOSSES (dB)										INSERTION LOSSES dB	INSULATION BETWEEN OUTPUTS dB	RETURN LOSSES dB	
	CONNECTOR/OUTPUTS		RETURN	BI	SUB BAND	FM	S. LOW	BIII /DAB	S. HIGH HYPER	UHF	SAT					
REF.			4-47 MHz	47-68 MHz	68-80 MHz	84-108 MHz	112-174 MHz	174-230 MHz	230-446 MHz	470-862 MHz	950-2150 MHz	2150-2400 MHz				
STAR 21533 21534 21535 45533 S	IEC MALE	TV	0,2	0,4	0,4	--	1,0	1,0	0,4	0,8	--	--	--	>20	--	
	IEC FEMALE	R	--	--	--	2,0 ^{±0.3}	--	--	--	--	--	--				
TERMINAL 21554 45554 S	IEC MALE	TV	5,8 ^{±1}	6,0 ^{±1}	6,0 ^{±1}	--	6,0 ^{±1}	6,0 ^{±1}	6,0 ^{±1}	6,4 ^{±1}	--	--	--	>20	>18	
	IEC FEMALE	R	--	--	--	8,2 ^{±1}	--	--	--	--	--	--				
PASSAGE 21564 45564 S	IEC MALE	TV	8,2 ^{±1}	8,2 ^{±1}	8,2 ^{±1}	--	8,0 ^{±1}	7,4 ^{±1}	7,4 ^{±1}	8,4 ^{±1}	--	--	1,6 ^{±0.5}	>20	>18	
	IEC FEMALE	R	--	--	--	8,8 ^{±1}	--	--	--	--	--	--				