

Neve. Pure light.



NEVE



VIMAR

Competitive quality. The value of the Vimar's products is indisputable. But what is new is Neve's price. Designed for the world market, Vimar offers hallmark quality at everyone's reach.





Italian design. International standards. Ergonomic buttons, low, dynamic cover plate, restrained geometry: Neve is Italian design par excellence. But designed for the whole world, with standards and modularity which make it easy to install in any situation.



Safety is important. Especially for our children. Neve sets your mind at rest. And safe children means happy parents. Thanks to Neve's Sicury function, a special shutter that prevents accidental contact with power sources.





The right choice for your home. And for your work.

Neve also has phone, fax and internet solutions: top of the range reception quality makes sure that your home and office both have the best - and best looking - equipment on the market.



Switches - TECHNICAL CHARACTERISTICS

Scope

Switching on and off of ohm-inductive loads:

- lighting circuits for:
 - lighting fittings (luminaires) for use with incandescent lamps
 - lighting fittings (luminaires) for use with fluorescent lamps, with or without power factor compensation
- dedicated circuits for:
 - motor driven appliances (fans, ventilators, canopy hood, etc.)
 - switched socket outlets

Technical specifications

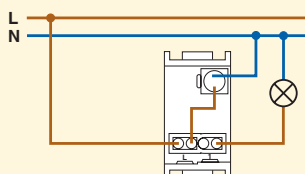
- supply voltage: 250 V~
- rated voltage:
 - 10 A or 16 A for push buttons
 - 16 AX for switches that control circuits of fluorescent lamps with power factor compensation
- contact opening gap: > 3 mm
- insulation resistance: > 5 MΩ tested with 500 V d.c.
- dielectric strength: > 2000 V~
- minimum breaking capacity:
 - 200 operations with 1,25 rated current, 275 V~ $\cos\phi$ 0,3 and 200 operations with 1,2 rated current, 250 V~, with load of tungsten filament lamp (except push buttons)
- minimum electrical life:
 - 40.000 operations with rated current, 250 V~, $\cos\phi$ 0,6
 - 10.000 operations for 10 AX switches (5.000 for 16 AX switches) with rated current, 250 V~, with load of fluorescent lamps

Conformity to Standards

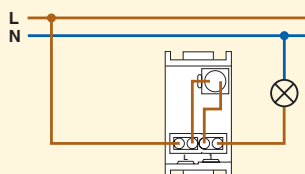
LV Directive
EN 60669-1 Standard

Wiring diagrams for luminous 1P 1-way switches with 110 V~ or 250 V~ signalling unit

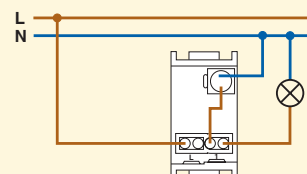
For switch location
in the dark:
pilot lamp always lit



For switch location
in the dark:
pilot lamp unlit when the controlled load is on

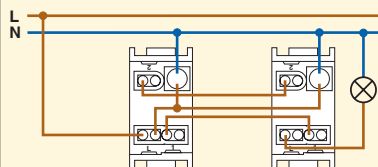


Indication of the operation state
of appliances not visible from
the operating point:
pilot lamp lit when the controlled load is on

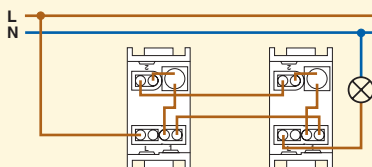


Wiring diagrams for luminous 1P 2-way switches with 110 V~ or 250 V~ signalling unit

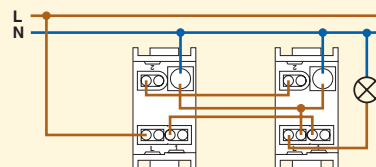
For switch location
in the dark:
pilot lamp always lit



For switch location
in the dark:
pilot lamp unlit when the controlled load is on



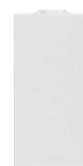
Indication of the operation state
of appliances not visible from the
operating point:
pilot lamp lit when the controlled load is on



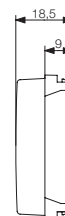
Switches

Blank module and cable outlet

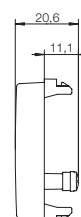
09041	Blank module
09044	Cable outlet



09041

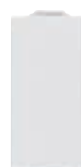


09044



1-way and reversing switch 250 V~

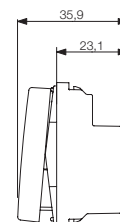
09001	1P 16 AX 250 V~ 1-way switch, lightable, white
09001.2	1P 16 AX 250 V~ 1-way switch, lightable, white - 2 modules
09013	1P 16 AX 250 V~ reversing switch, lightable, white



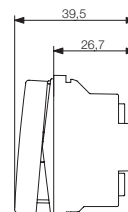
09001



09001.2

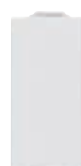


09013



2-way switch 250 V~

09005	1P 16 AX 250 V~ 2-way switch, lightable, white
09005.2	1P 16 AX 250 V~ 2-way switch, lightable, white - 2 modules



09005



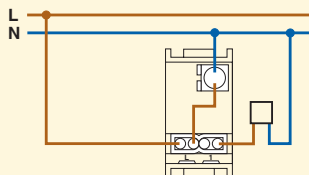
09005.2



Switches - TECHNICAL CHARACTERISTICS

Wiring diagram for luminous push buttons 110 V~ or 250 V~ signalling unit

For push button location in the dark:
pilot lamp always lit

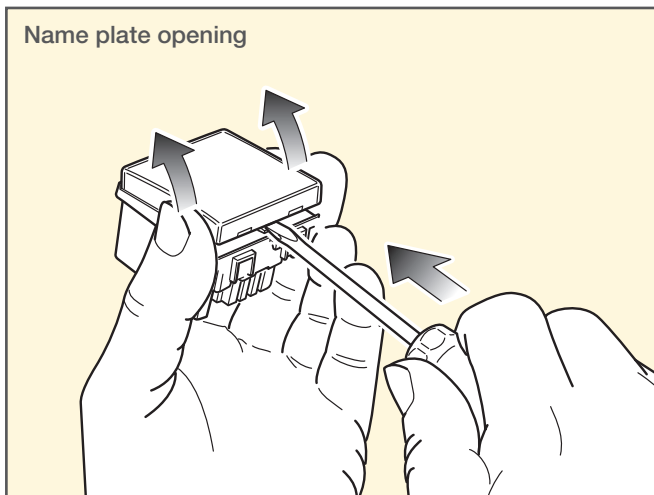


Switches with directional arrows

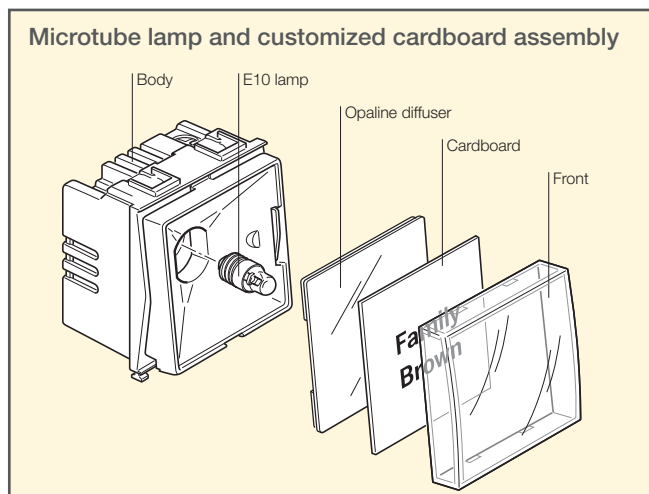
These switches can be used for the direct control of motor driven loads, i.e. roller blinds, gates etc. The switches, which are operated by push buttons, may be associated to relays to control motor driven loads by pulses, i.e. roller blinds, gates, etc.

Luminous name plate push button

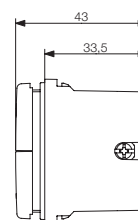
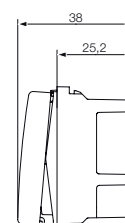
Name plate opening



Microtube lamp and customized cardboard assembly



Switches

1P push button 250 V~**09008** 1P NO 10 A 250 V~ push button, lightable, white**09008.2** 1P NO 10 A 250 V~ push button, lightable, white - 2 modules**09008****09008.2****Switch with directional arrows 250 V~****09060** 2P 10 AX 250 V~ (6 terminals) two-button switch, with directional arrows and central OFF position, white**09060****Name plate push button****09050** 1P NO 10 A push button, with luminous name plate, for E10 10x28 mm 1 W max lamp, white - 2 modules.
Supplied without lamp**09050**

Switches - TECHNICAL CHARACTERISTICS

09146 and 09147 - Dimmers

Technical specifications

- Electronic switch with solid state device
- TRIAC technology
- the connection should be made together with a quick-acting fuse with high breaking capacity F5AH 250 V~ type, as shown in the following diagrams:
 - in place of a switch (figure 1);
 - in addition to a switch (figure 2);
 - in a circuit making two or more points of operation (2-way switch: figure 3; reversing switch: figure 4)

Controllable loads

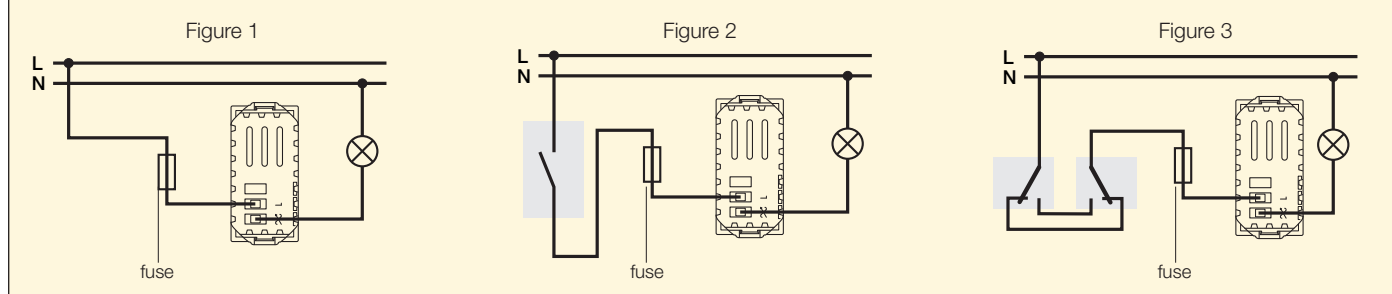
09147

- Incandescent and halogen lamps: 30-500 W 120 V~ 50-60 Hz.
- Ferromagnetic transformers for extra-low voltage halogen lamps: 30-300 VA 120 V~ 50-60 Hz.

09146

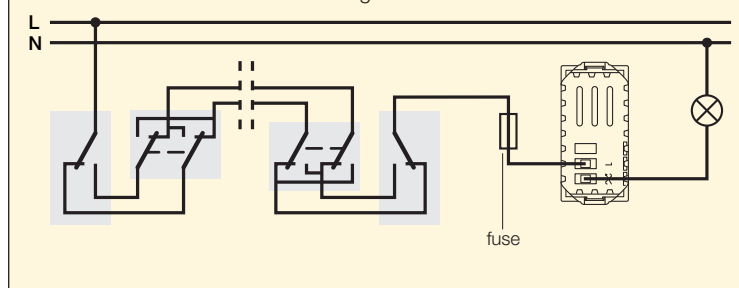
- Incandescent and halogen lamps: 60-900 W 230 V~ 50-60 Hz.
- Ferromagnetic transformers for extra-low voltage halogen lamps: 60-300 VA 230 V~ 50-60 Hz.

09146 - 09147: Wiring diagrams



09146 - 09147: Wiring diagrams

Figure 4



09153 - Dimmers

Technical specifications

- Electronic switch with solid state device;
- TRIAC technology;
- the strength of location in the dark decreases as the brightness of the controlled lamps increases;
- the connection should be made together with a quick-acting fuse with high breaking capacity F5AH 250 V~ type, as shown in the following diagrams:
 - in place of a switch (figure 1, overleaf);
 - in addition to a switch (figure 2, overleaf);
 - in a circuit making two or more points of operation (2-way switch: figure 3; reversing switch: figure 4, overleaf)

Controllable loads

- Incandescent and halogen lamps: 100-500 W 230 V~ 50-60 Hz.

Dimmer

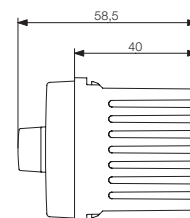
09146	Dimmer, 230 V~ 50-60 Hz for: 60-900 W incandescent lamps, 60-300 VA ferromagnetic transformers, control and regulation by rotary potentiometer, white
09147	Dimmer, 120 V~ 50-60 Hz for: 30-500 W incandescent lamps, 30-300 VA ferromagnetic transformers, control and regulation by rotary potentiometer, white



09146



09147

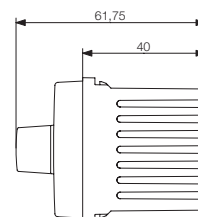


Dimmer

09153	Dimmer, 230 V~ 50-60 Hz for: 100-500 W incandescent lamps, control by push-push 2-way switch and regulation by rotary potentiometer, visible in darkness, white
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09153



09153: Wiring diagrams

Figure 1

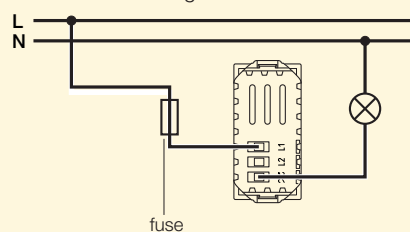


Figure 2

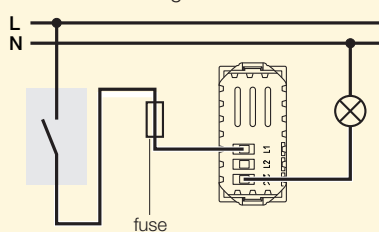
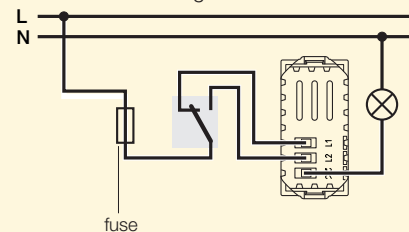
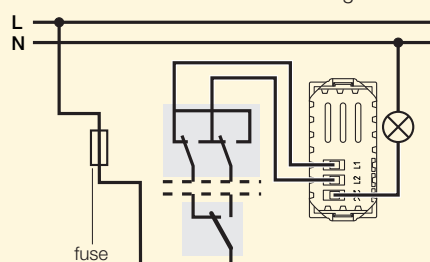


Figure 3



09153: Wiring diagram

Figure 4



Socket outlets - TECHNICAL CHARACTERISTICS

Socket outlets 250 V~

Scope

Supply of electrical household appliances, lighting fittings, etc.

Technical specifications

- supply voltage: 250 V~
- rated voltage: 10 A or 16 A
- shuttered socket-contacts
- insulation resistance tested with 500 V d.c.: > 5 MΩ
- dielectric strength: 2000 V~

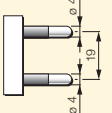
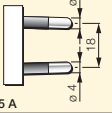
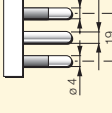
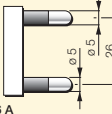
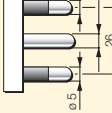
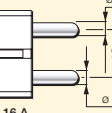
- breaking capacity: 50 operations (plug insertion and withdrawn) with 1,25 rated current 275 V~ $\cos\phi$ 0,6
- electrical life: > 5.000 operations (plug insertion and withdrawn) with rated current and voltage $\cos\phi$ 0,6
- resilient wrap socket-contacts
- priority of connection on earthing socket-contacts

Conformity to Standard

CEI 23-50 (IEC 60884-1) Standard

Plugs and socket outlets - matching possibilities

● Plugs and socket outlets matching standard

Plugs standard		VIMAR products	P11 09201	P17/11 09203	P30 09209
 2P 10 A	MILLE	S10	01020 - 01020.B	01020 - 01020.B	01020 - 01020.B
		S10	01040 - 01040.B	01040 - 01040.B	---
		S10	01045 - 01045.B	01045 - 01045.B	01045 - 01045.B
	SUPERNOVA	S10	00200 - 00200.B	00200 - 00200.B	00200 - 00200.B
 2P 2,5 A	Europlug		●	●	●
 2P+E 10 A	MILLE	S11	01021 - 01021.B	01021 - 01021.B	01021 - 01021.B
		SPA11	01041 - 01041.B	01041 - 01041.B	---
		S11	01046 - 01046.B	01046 - 01046.B	01046 - 01046.B
	SUPERNOVA	S11	00201 - 00201.B	00201 - 00201.B	00201 - 00201.B
		SPA11	00206 - 00206.B	00206 - 00206.B	---
		S11	00211 - 00211.B	00211 - 00211.B	00211 - 00211.B
 2P 16 A	S16		---	●	---
 2P+E 16 A	MILLE	S17	---	01026 - 01026.B	---
		SPA17	---	01043 - 01043.B	---
		S17	---	01048 - 01048.B	---
	SUPERNOVA	S17	---	00202 - 00202.B	---
		SPA17	---	00207 - 00207.B	---
		S17	---	00212 - 00212.B	---
 2P+E 16 A	SUPERNOVA		German standard	---	00230 - 00230.B
			German + French standard	---	00231 - 00231.B
			German + French standard	---	00241 - 00241.B

Socket outlets

Socket outlet 250 V~

09201	2P+E 10 A SICURY socket outlet, Italian standard P11, white
09203	2P+E 16 A Bpresa SICURY socket outlet, Italian standard P17/11, white
09209	2P+E 16 A SICURY socket outlet, Italian standard P30 (lateral and central earth contacts), white - 2 modules



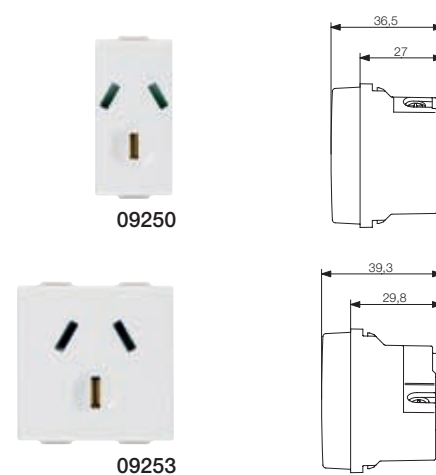
Socket outlet 250 V~

09212	2P+E 16 A 250 V~ SICURY socket outlet, French standard, white - 2 modules
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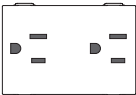
Socket outlet 250 V~

09250	2P+E 10 A 250 V~ SICURY socket outlet, Argentinian standard, white
09253	2P+E 20 A 250 V~ SICURY socket outlet, Argentinian standard, white - 2 modules



Socket outlets - TECHNICAL CHARACTERISTICS

Plugs and socket outlets

	 09212	 09234 09233	 09242 09245	 09243 09246
Italian standard plug S10	●	●		
2P 2,5 A Europlug	●	●		
2P+E 16 A 250 V~ German standard plug		●		
2P+E 16 A 250 V~ German/French standards plug	●	●		
2P+E 16 A 250 V~ French standard plug	●	●		
2P 15 A 125 V~ American standard plug		●	●	●
2P+E 15 A 125 V~ American standard plug			●	●

- Standard plug matching the socket outlet
- Standard plug matching the socket outlet without continuity of the earth connection
- Socket outlet matching the same standard plug, only



09250 ●

Conformity to Standards

French standard socket outlet: NF C 61-314 Standard

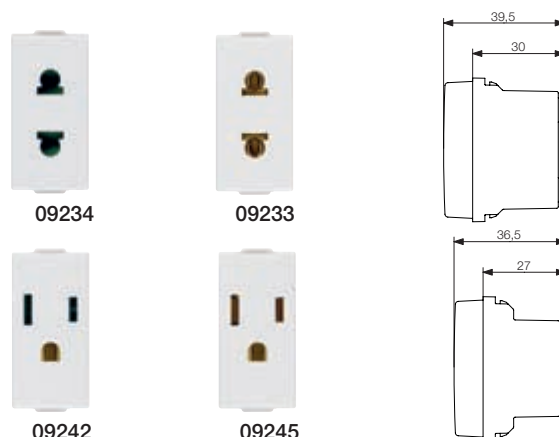
VIMAR plugs

- **00230**: 2P+E 16 A 250 V~ German standard
- **00231**: 2P+E 16 A 250 V~ German/French standards
- **00232**: 2P+E 16 A 250 V~ French standard
- **00241**: 2P+TE 16 A 250 V~ German/French standards

Socket outlets

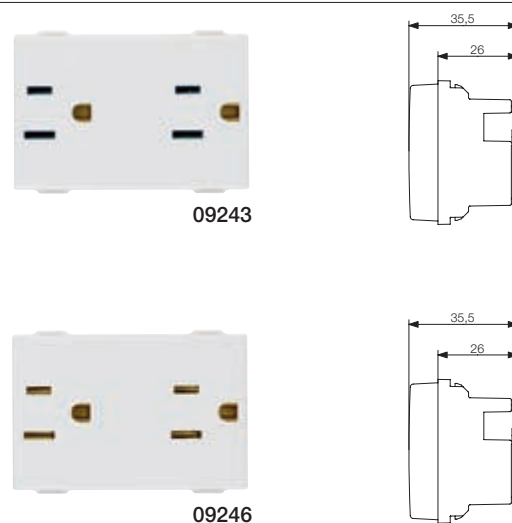
Socket outlets

09234	2P 16 A 250 V~ SICURY socket outlet, Euro-American standard (parallel and in-line flat pins and \varnothing 4,8 mm pins), white
09233	2P 16 A 250 V~ socket outlet, Euro-American standard (parallel and in-line flat pins and \varnothing 4,8 mm pins), white
09242	2P+E 15 A 127 V~ SICURY socket outlet, American and Saudi Arabian standards, white
09245	2P+E 15 A 127 V~ socket outlet, American and Saudi Arabian standards, white



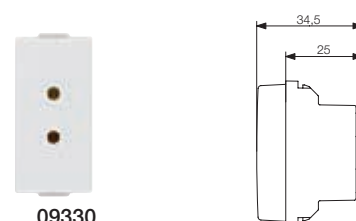
Socket outlet

09243	Two 2P+E 15 A 127 V~ SICURY socket outlets, American and Saudi Arabian standards, white - 3 modules
09246	Two 2P+E 15 A 127 V~ socket outlets, American and Saudi Arabian standards, white - 3 modules



Special socket outlet

09330	2P 6 A 24 V (SELV) socket outlet for 01620 plugs (\varnothing 3 mm pins, 12,4 mm distance between centres), white. For auxiliary circuits
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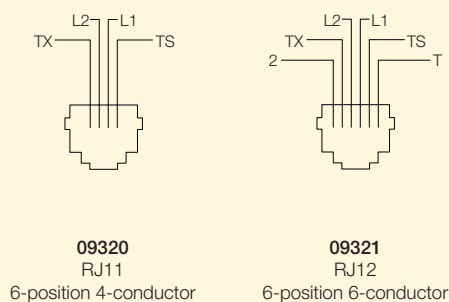
Signal reception socket outlets - TECHNICAL CHARACTERISTICS

09320 - 09321 - Phone jacks

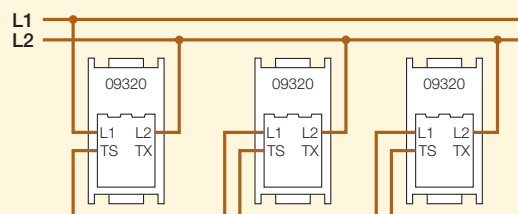
Technical specifications

- screw terminal connection

Phone jacks connections



09320 - Wiring diagram



NOTE

L1-TS line is interrupted when the phone jacks are wired as in the diagram above: if the phone plug is withdrawn from a socket connector, all phone jacks connected after it in the installation would be disconnected.

To overcome this inconvenience, insert a plug with L1-TS jumper.

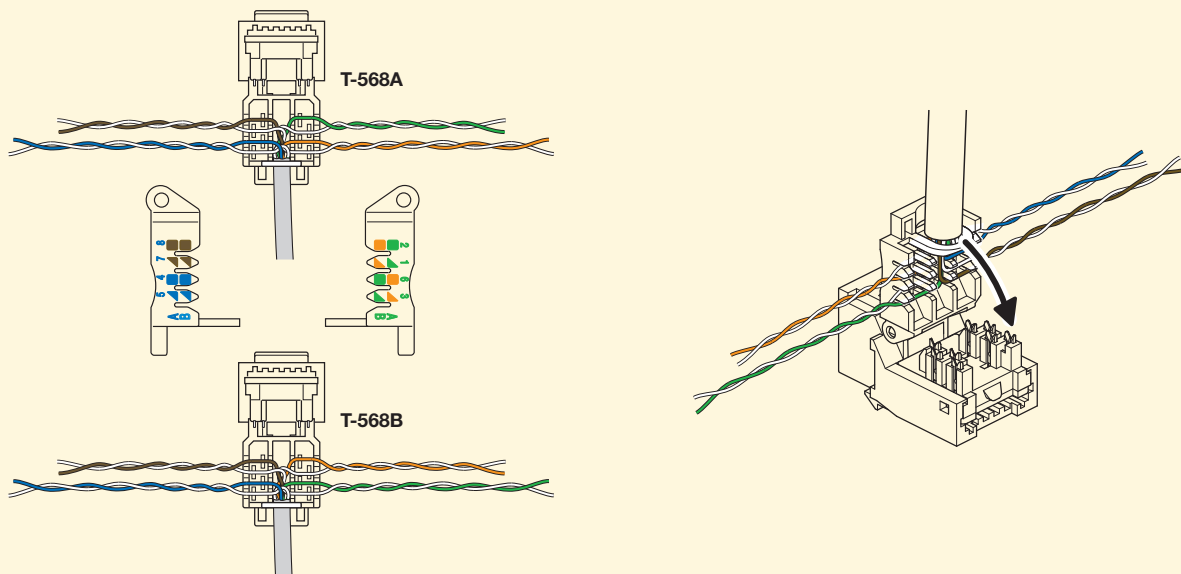
EDP socket connectors

Scope

Devices designed to realize information or telephone networks.

Cabling code

09338.9

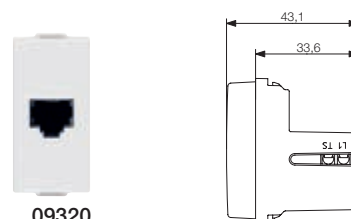


Signal reception socket outlets

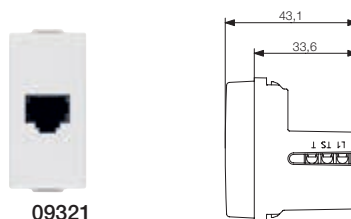
Phone jack

09320 RJ11 phone jack, 6-position 4-conductor (6/4), screw terminals, white

09321 RJ11 phone jack, 6-position 6-conductor (6/6), screw terminals, white



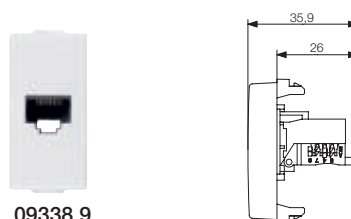
09320



09321

EDP socket connector

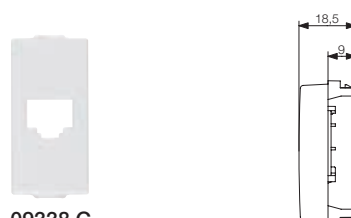
09338.9 RJ45 outlet with Netsafe connector, cat. 5e, unshielded, T568A/B universal wiring, 8-contact, insulation-piercing terminals without tool use, white



09338.9

Adaptor for EDP connector

09338.C Adaptor for RJ45 connector with Keystone fixing, white



09338.C

TV-RD-SAT 5-2400 MHz socket outlets - TECHNICAL CHARACTERISTICS

1-output coaxial TV-RD-SAT socket outlets

Scope

- connect user equipments to systems for the distribution of analogic or digital sound and video signals, from terrestrial, satellite or cable link, in the 5-2400 MHz frequency band
- permit the connection of a single device (e.g. TV or SAT receiver)
- can be used for satellite Internet applications and, thanks to the 5-40 MHz return channel, also for interactive functions (hotel communications and cable TV)
- the single connection socket allows the passage of d.c. current and control signals, and the through-line socket ensures optimal utilisation on any type of individual or central distribution configuration (see table overleaf).

The range

- single connection socket which allows the passage of d.c. current and control signals (24 V 500 mA max)
 - through-line sockets with connection attenuation 10 dB
- The through-line socket can become end-of-line socket if "closed" with the special terminal resistor 16330. It allows d.c. current and control signals (24 V 500 mA max) to pass through the line, **but not to the user port** (IEC 60169-2 male connector).

Some examples of the supported system topologies

- Multiple socket outlets in cascade
- Multiple parallel connected socket outlets
- Combined cascade/parallel connected
- Multi-switch for satellite signal distribution
- Multi-switch for combined terrestrial and satellite signal distribution
- Combined cascade/parallel with IF-IF conversion unit for single-cable distribution of combined terrestrial and satellite signals
- Combined cascade/parallel with modular unit for feeding terrestrial and satellite programs in the 40-862 MHz band (terrestrial)

Technical specifications

- frequency range: 5-2400 MHz
- output: IEC 60169-2 male connector
- return channel in 5-40 MHz band
- shielding efficiency: A class
- cable dimensions:
 - internal wire \varnothing 3 mm max
 - external insulating sheath: \varnothing 5-7 mm

Conformity to Standards

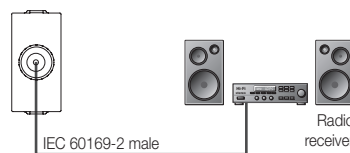
EN 50083-1, EN 50083-4 Standards, EMC Directive
EN 50083-2 Standard

How to connect



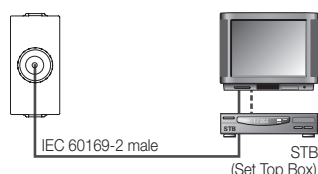
Programmes - Applications

- Terrestrial TV



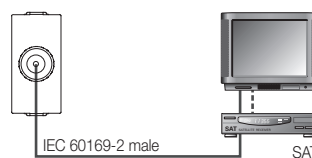
Programmes - Applications

- Terrestrial radio



Programmes - Applications

- Cable TV (CATV)
- Interactive hotel communication



Programmes - Applications

- Satellite TV and radio

— Coaxial cable connection - - - - SCART cable connection

2-output coaxial TV-RD-SAT socket outlets

Scope

As for 1-output TD-RD-SAT socket outlets, the 2-output socket outlets allow the connection of two appliances (e.g.. TV and SAT receiver or TV and radio).

The range

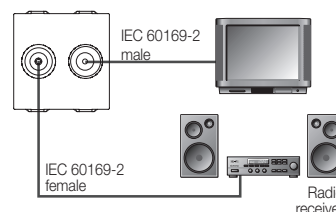
- single connection socket which allows the passage of d.c. current and control signals (24 V 500 mA max)
 - through-line socket with connection attenuation 10 dB
- The through-line socket can become end-of-line socket if "closed" with the special terminal resistor 16330. They allow d.c. current and control signals (24 V 500 mA max) to pass through the line, **but not to the user port** (IEC 60169-2 male connector).

Technical specifications

- frequency range: 5-2400 MHz
- outputs: IEC 60169-2 male and IEC 60169-2 female connectors
- return channel in the 5-40 MHz band
- shielding efficiency: A class

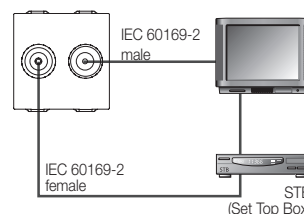
- cable dimensions:
 - internal wire \varnothing 3 mm max
 - external insulating sheath: \varnothing 5-7 mm

2-output TV-RD-SAT socket outlets: how to connect



Programmes - Applications

- TV terrestre
- Radio terrestre



Programmes - Applications

- Terrestrial TV
- Cable TV (CATV)
- Interactive hotel communication

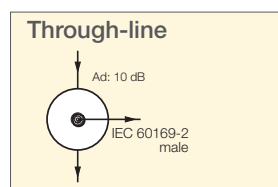
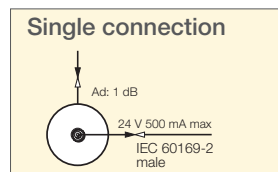
— Coaxial cable connection — SCART cable connection

TV-RD-SAT 5-2400 MHz socket outlets

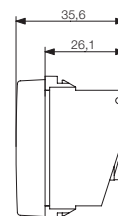
Coaxial TV-RD-SAT 5-2400 MHz socket outlet

09300.01 Coaxial TV-RD-SAT 5-2400 MHz socket outlet, single connection, with IEC 60169-2 male connector, connection attenuation 1 dB, white. Allows the passage of d.c. current and control signals (24 V 500 mA max)

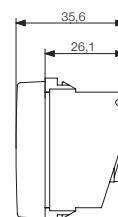
09300.10 Coaxial TV-RD-SAT 5-2400 MHz socket outlet, through-line, with IEC 60169-2 connector, connection attenuation 10 dB, white



09300.01



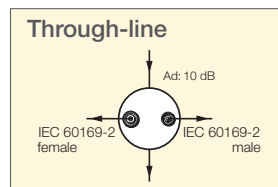
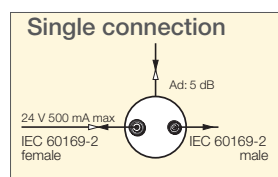
09300.10



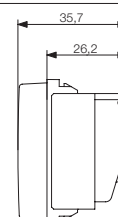
Coaxial TV-RD-SAT 5-2400 MHz socket outlet

09310.05 Coaxial TV-RD-SAT 5-2400 MHz socket outlet, single connection, 2 outputs with IEC 60169-2 male and female connectors, connection attenuation 5 dB, white - 2 modules. Allows the passage d.c. current and control signals (24 V 500 mA max) through the female connector

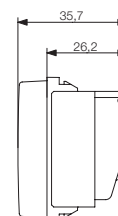
09310.10 Coaxial TV-RD-SAT 5-2400 MHz socket outlet, through-line, 2 outputs with IEC 60169-2 male and female connectors, connection attenuation 10 dB, white - 2 modules



09310.05



09310.10



F type coaxial socket outlet

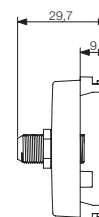
09318 Coaxial socket outlet with F-type female connector (IEC 60169-24). For frequencies up to 2400 MHz. In/out connection with F type male connector 01654

Terminal resistor

16330 Z 75 Ω terminal resistor for TV-RD-SAT socket outlet line end, for frequencies up to 2400 MHz



09318



16330

TV socket outlets - TECHNICAL CHARACTERISTICS

Coaxial TV 40-862 MHz socket outlets

Technical specifications

- patented cord-grip for easy and reliable connection of the coaxial cable;
- captive screw terminals and toothed pressure plate, for the central conductor;
- TV socket outlet without attenuation: to be used for single down-lines or for collective installation lines from distribution boxes or tap-offs (figure 1 and 2)

Figure 1

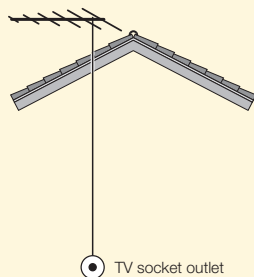
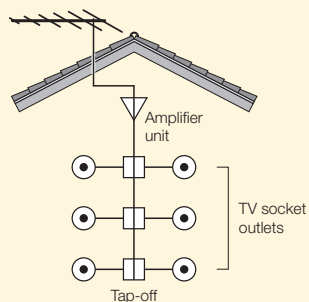


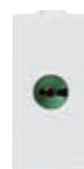
Figure 2



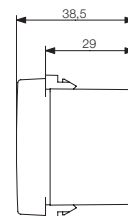
TV socket outlets

Coaxial TV 40-862 MHz socket outlet

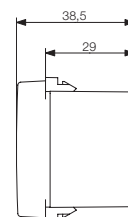
09313	Coaxial TV 40-862 MHz socket outlet, single connection, with IEC 60169-2 female connector, white
09313.S	Coaxial TV 40-862 MHz socket outlet, single connection, with IEC 60169-2 female connector, with 2 cord-grips, white



09313



09313.S



Terminal resistor

08175	Z 75 Ω terminal resistor for TV socket outlet line end
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08175

Signalling - TECHNICAL CHARACTERISTICS

Buzzers

Buzzers are to be supplied through safety isolating transformer.

Technical specifications

- D-type equipments: the sound emission has the same lasting time as the control operation
- intermittent sound 15/60: the sound emission can last up to 15 s max, followed by a period at rest of 60 s

Technical specifications of signalling units

Article	Type	Voltage	W	Colour
10492	neon	110 V~	0,5 W max	red
10493	neon	250 V~	0,5 W max	red
10492.V	fluorescent	110 V~	0,5 W max	green
10493.V	fluorescent	250 V~	0,5 W max	green
10492.AZ	fluorescent	110 V~	0,5 W max	blue
10493.AZ	fluorescent	250 V~	0,5 W max	blue

A 1,5 µF 400 V~ capacitor should be connected in parallel to neon or fluorescent signalling unit to avoid self-ignition in special circuits

Technical specifications of lamps

Article	Type	Voltage	W	Colour
14778	neon	110 V~	0,5 W max	red
14779	neon	230 V~	0,5 W max	red
14774	incandescent	12 V~	0,6 W max	white
14775	incandescent	24 V~	1,2 W max	white

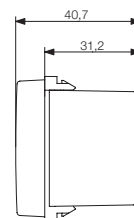
Signalling

Buzzer

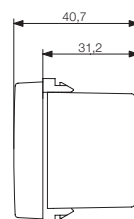
09377	Buzzer, 120 V~ 50-60 Hz
09378	Buzzer, 230 V~ 50-60 Hz



09377



09378



Signalling unit

10492	Neon signalling unit, 110 V~ 0,5 W, red
10492.V	Fluorescent signalling unit, 110 V~ 0,5 W, green
10492.AZ	Fluorescent signalling unit, 110 V~ 0,5 W, light blue
10493	Neon signalling unit, 250 V~ 0,5 W, red
10493.V	Fluorescent signalling unit, 250 V~ 0,5 W, green
10493.AZ	Fluorescent signalling unit, 250 V~ 0,5 W, light blue

Lamps

14774	Incandescent lamp, E10 10x28 mm, 12 V~ 0,6 W, white
14775	Incandescent lamp, E10 10x28 mm, 24 V~ 1,2 W, white
14778	Neon lamp, E10 10x28 mm, 110 V~ 0,5 W, red
14779	Neon lamp, E10 10x28 mm, 230 V~ 0,5 W, red

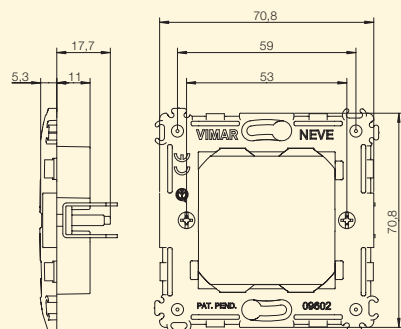
10492...
10493...14774
1477514778
14779

Mounting frames and cover plates - TECHNICAL CHARACTERISTICS

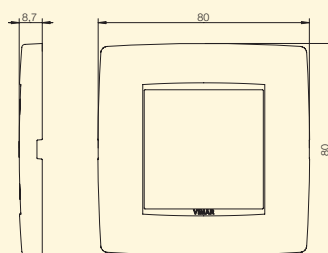
Technical specifications

- polycarbonate (Glow Wire 850 °C)
- dielectric strength 2000 V
- closely compacted rear grid for stiffening

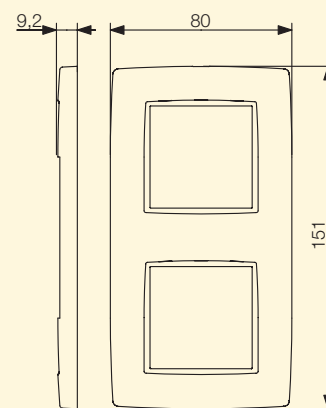
Dimensions (in mm)



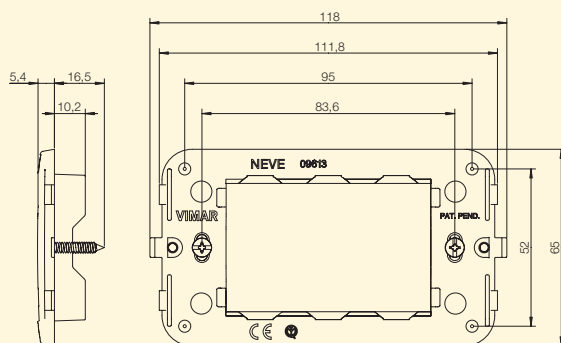
09602
09603



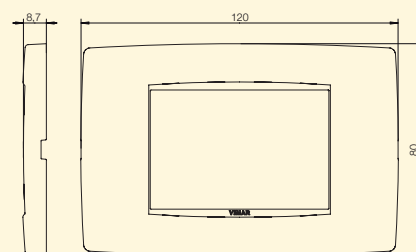
09642.01



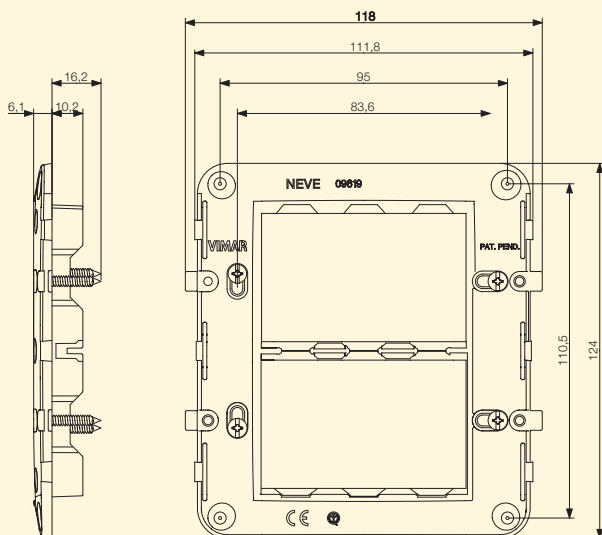
09643.01



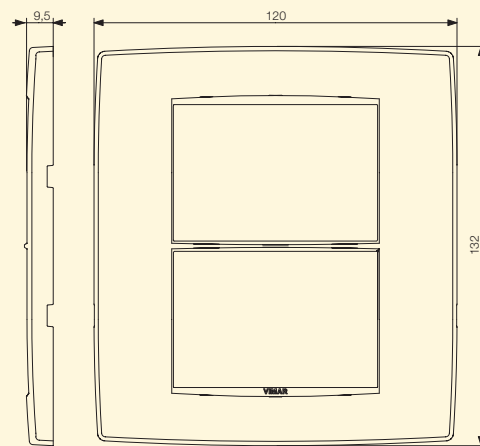
09613



09653.01



09619

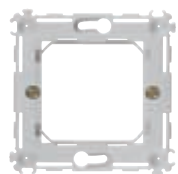


09659.01

Mounting frames and cover plates

Mounting frame and cover plate

09602	2-module mounting frame, with claws, for ø 60 mm flush mounting boxes, 71 mm distance between centres
09603	2-module mounting frame, without screws, for 60 mm fixing screws mounting boxes, 71 mm distance between centres
09642.01	2-module cover plate, technopolymer, white
09643.01	4-module (2+2, 71 mm distance between centres), technopolymer, white



09602



09603



09642.01



09643.01

Mounting frame and cover plate

09613	3-module mounting frame, with screws, for 3-module mounting boxes
09653.01	3-module cover plate, technopolymer, white



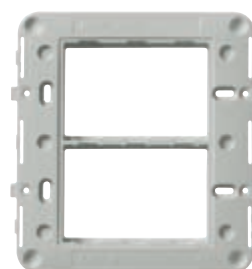
09613



09653.01

Mounting frame and cover plate

09619	6-module (3+3) mounting frame, with screws, for 09996 and 09996.AU and 4"x4" mounting boxes
09659.01	6-module (3+3) cover plate, technopolymer, white



09619

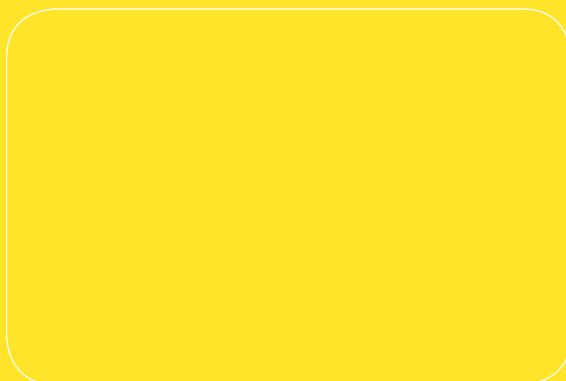


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