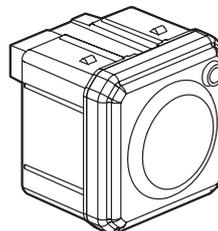
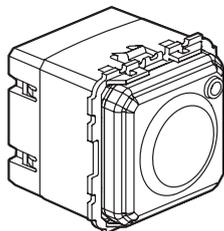


Céline™ Voltage surge protector

Cat. No(s): 671 93 - 676 93



1. GENERAL CHARACTERISTICS

Protection between phase and neutral of socket outlets connected downstream against overloads generated by the electrical network upstream of the surge protective device by creating a discharge current on the network and/or earthing link.

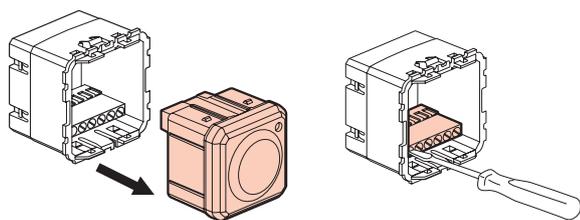
To be used in combination with a voltage surge protector installed in the panel.

2. RANGE

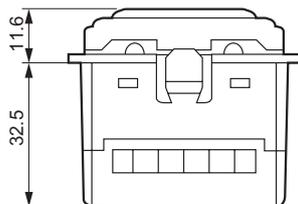
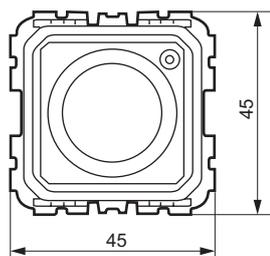
	Designation	Cat. No.	Nbr. of gang	Connection	Weight (g)
	Surge voltage protector	671 93	1	With screws	91
	Spare module	676 93	1	With screws	60

3. FITTING

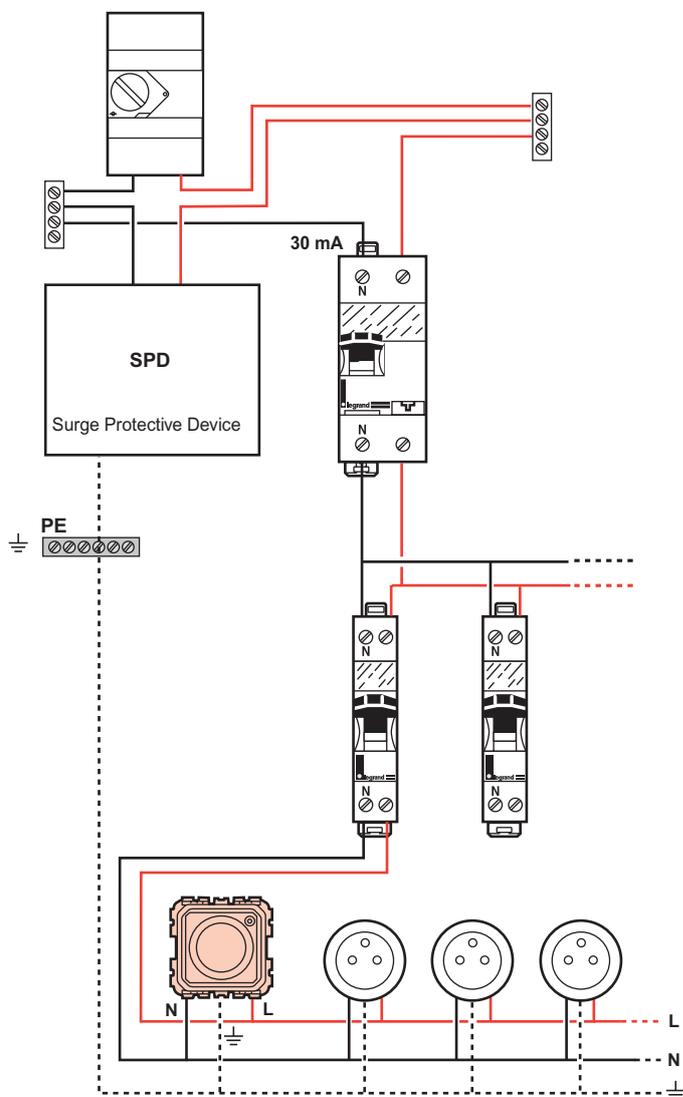
Unclip the draw-out module to access the terminal screws:



4. OVERALL DIMENSIONS



5. CONNECTION



Terminal type: screw connection
Capacity: 2 x 2.5 mm²
Type of screwdriver: flat-blade 4 mm

Voltage surge protector

6. OPERATION

6.1 Surge protection function

- Surge protective devices are designed to limit transient overvoltages of atmospheric and industrial origin.
- They have a certain capacity to absorb energy and age with each operation; it is therefore normal for them to be out-of-service after a certain number of operations. The imminent out-of-service status is signalled and the draw-out module should be replaced.
- Surge protective devices are designed to be installed at use points and are to be used in combination with the installation's original modular protection.
- They are not designed to provide sole protection for an installation in a building likely to be hit by direct lightning strikes (e. g. buildings equipped with lightning arresters). This would immediately put the device out-of-service by exceeding its maximum discharge capacity.
- Overloads of atmospheric origin occur between the active conductors and the earth. They are highly charged and uncontrolled.
- Overloads of industrial origin occur between the active conductors (P+N) and are not so highly charged.
- Céliane surge protective devices are equipped with an operation indicator light (to be checked on a regular basis):
 - Mains supply present and green indicator light on: operational protection.
 - Mains supply present and red indicator light on: change the module.
 - Once the draw-out module is out-of-service the installation is no longer protected but remains powered (including the withdrawn module).

7. TECHNICAL DATA

7.1 Mechanical characteristics

IP 20 (without rocker)

7.2 Material characteristics

Base: Polycarbonate (RAL 7016)

Cover plate: Polycarbonate (RAL 9003)

7.3 Electrical characteristics

Self extinguishing: 650° C / 30 s

Max. steady state voltage: 250 VAC

Mains rated voltage: 230 VAC (+ 6 % - 10 %)

Frequency: 50/60 Hz

Current: 16 A

Type of fuse: 5 x 20 rapid type 6.3 A

Response time: L-N: 25 ns

Protection level: according to NF EN 61-643-11 L-N: 1 kV: 1.5 kA

Leakage current at 250 VAC: < 1 mA } To standard

Rated discharge current: 1.5 kA } NF EN 61-643-11

Maximum current: 6 kA

For joined sockets L < 1

8. CLEANING

Without cleaning.