

Compact power supply unit SCS BUS

E49

Description

The power supply unit can be used to power systems that use the SCS BUS. On the output, the unit supplies a 27 Vdc continuous low voltage, with a maximum current of 600 mA. It is protected by a built-in fuse (not replaceable) against short circuit and overload. It is a double insulation safety device in accordance with CEI EN60065, and can therefore be used in conjunction with a SELV source in accordance with paragraph 411.1.2.5 of CEI 64-8-4. The power supply unit is fitted inside a 2 module DIN rail enclosure, and its installation must be in accordance with the regulations of the country of use.

In general, the following requirements must be met:

- The power supply unit must always be installed in appropriate enclosures.
- The device must be kept away from water drips and sprays.
- Care must be taken not to obstruct the air vents.
- A two-pole circuit breaker must be installed, with contact separation of at least 3 mm located nearby the power supply unit. The circuit breaker is used to disconnect the power supply from the mains, and to protect it.

Technical data

PRI (AC power input)

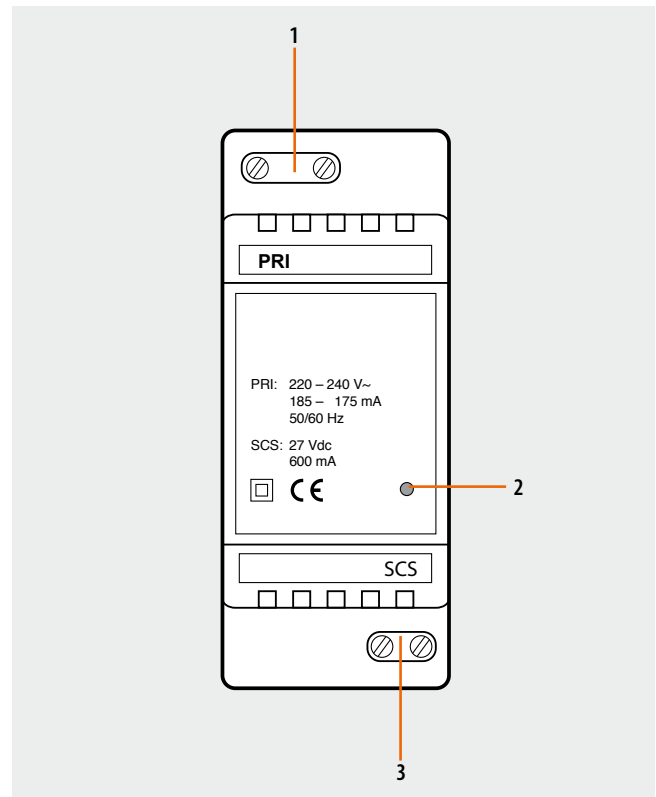
Rated voltage:	220 – 240 V
Rated current:	175 – 185 mA
Working voltage range:	187 – 265 V
Working frequency range:	47 – 63 Hz
Power consumption at full load:	21.5 W max
Dissipated power:	5.3 W max
Efficiency at full load:	80% typ.
Power on standby:	less than 1 W
Operating temperature:	5 – 40°C
Built-in fuse (PRI side):	F1 T2A 250V (NOT REPLACEABLE)

SCS

Rated voltage:	27 V +/- 100 mV
Rated current:	0 – 0.6 A
Rated power:	16.2 W

Dimensional data

2 DIN modules



Legend

1. Clamps (PRI) for connection to the power supply voltage
2. LED: – green (power supply unit on)
– red (output current overload)
3. Clamps (SCS) for the connection of the BUS/SCS