

SCS AUTOMATION 6 DIN 1.2 A

110 – 240 V power supply

E56

Description

Power supply for automation system in 6 DIN modular enclosure.

Power supply 110 – 240 Vac @ 50 – 60 Hz. The output provides two power supplies in very low safety voltage (one on the SCS clamps, one on the 1 - 2 clamp) to be used alternately and NOT at the same time. It can also be used as additional power supply (1 - 2 output) for the local power supply of the automation devices (in this case it is not possible to use the other output).

The device is electronically protected against overload and short circuit. It is a SELV double insulation safety device.

The installation must be made in compliance with current regulations.

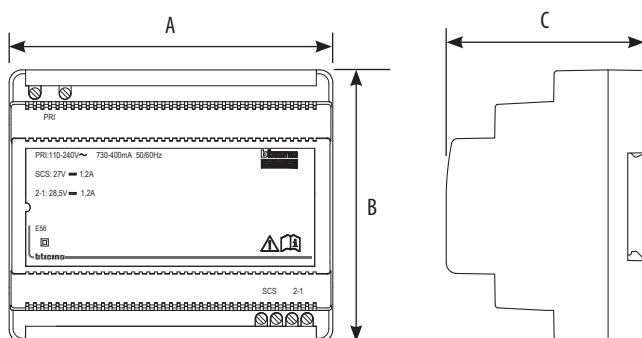
The device must not be configured. The DIN switchboard must be suitable for the overall power of the installed devices.

WARNING: Disconnect the power supply for 5 minutes after overload or short circuit.

Technical data

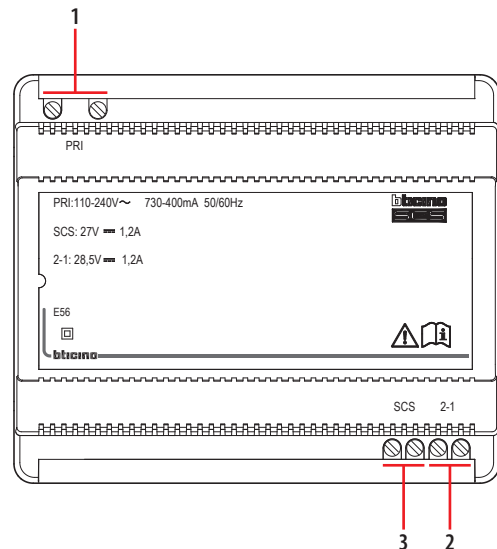
Operating temperature:		(-10) – (+45) °C	
Protection index:		IP20	
Rated input data (PRI):	Rated voltage	110 – 240 Vac; 50 / 60 Hz	
	Rated current	520 – 400 mA	
Power absorption - full load (max):		40 W	
Power consumption (max):		8 W	
Full load yield:		80 % typ.	
Stand by power:		< 1 W	
Rated output data (SCS):	Rated voltage		27Vdc
	Rated current	PRI 240 Vac	1,2A
		PRI 110 Vac	1A
	Rated power	PRI 240 Vac	32,4W
PRI 110 Vac		27W	
Rated output data (for clamps 2 - 1):	Rated voltage		28,5Vdc
	Rated current	PRI 240 Vac	1,2A
		PRI 110 Vac	1A
	Rated power	PRI 240 Vac	34,2W
PRI 110 Vac		28,5W	
Integrated fuse (PRI side):		F1 T 3,15A 250 V	
Maximum cable section for each clamp:		1 x 2,5 mm ²	
Number of DIN modules:		6	
☐ Symbol for CLASSE II devices			

Dimensional data



A	B	C
107 mm	90 mm	67 mm

Front view



Legend

1. Input connection clamps 230 V
2. Additional power supply connection clamps (1 - 2)
3. MyHOME SCS output connection clamps

Installation

Respect the following rules:

- The power supply **MUST** be always installed in appropriate housings.
- It must **NOT** be exposed to water drops or splashes.
- Do **NOT** block the ventilation openings.
- A two-pole circuit breaker **MUST** be installed, with contact separation of at least 3 mm located nearby the power supply. The circuit breaker is used to disconnect the power supply from the mains, and to protect it.