



Sensa PS2

DALI power supply for installation in switch cabinet

Product description

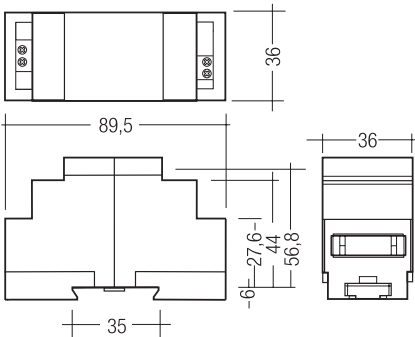
- For supplying 240 mA for DALI devices or control modules without their own power supplies
- For installation in switching cabinets

Technical data

Rated supply voltage	220 – 240 V
Mains frequency	50 / 60 Hz
Power	5 W
Max. output current, DALI	240 mA
Output voltage	16 V $\pm$ 5 %
Operating temperature	0 ... +50 °C
Storage temperature	0 ... +70 °C
Type of protection	IP20



Wiring diagrams and installation examples, page 2



Ordering data

Type	Article number
Sensa PS2	86459422 (Tridonic)
Sensa PS2	96550411 (Thorn)

Packaging: 1 pieces/carton

Installation

- DALI signals are not SELV. Therefore the same procedures should be applied as working with mains voltage
- Individual DALI circuits must not exceed 240 mA
- The maximum cable length of the DALI signal wires must not exceed 300 m or drop more than 2 V on the signal line voltage

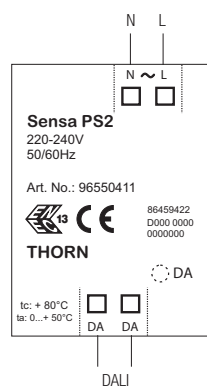
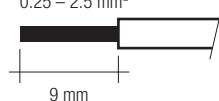
Standards

EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3
EN 61347-2-11
EN 62386-101

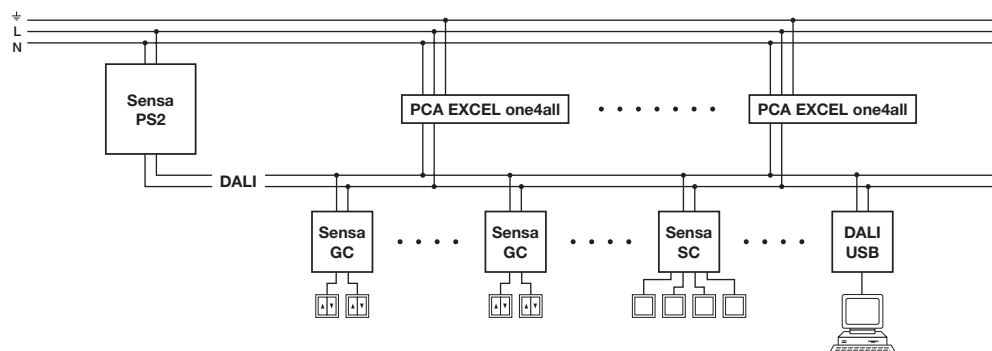
Wiring type and cross section

The wiring can be solid wire, stranded wire or stranded wire with end sleeve with a cross-section of 0.25 mm² to 2.5 mm².

wire preparation:
0.25 – 2.5 mm²



circuit diagramm



tc control point

tc: max. 80 °C

