

Modular power supply DALI and 24Vdc

67-710

4 year warranty

The DALI power supply is always connected to the bus. A maximum of 250mA can be sent over the DALI bus. This modular power supply has electronic overcurrent, short-circuit and overheating protections. Red LEDs indicate the protection status, and a green LED indicates the power supply voltage. Do you want to connect this Niko power supply to components from other manufacturers? Then, a safety extra-low voltage is not automatically safeguarded. You may also use the power supply for other systems, with the condition that they have the same specifications as the DALI system.

Technical data

Modular power supply DALI and 24Vdc.

- Function: Modular low voltage power supply for DALI-bus fitted with electronic protection. Nominal current 225 mA. The current is limited electronically to max. 240 mA. A green LED indicates the presence of 230V-power supply voltage. Some manufacturers of DALI-components cannot handle the max. voltage of the DALI-bus (22.5 V). That's why it is possible to limit the power supply voltage of the modular power supply to max. 16 V using a shunt. The power supply also switches over automatically to 16V DC voltage if another power supply is already connected to the bus at a voltage under 19 V (tolerance 0.5 V DC). Although the power supply provides an output voltage in SELV (safety extra-low voltage), a DALI-bus only works on ELV (extra-low voltage: basic insulation of 2.5 kV). This specification, which is greater than the standard, makes it possible to connect wall-mounted printed circuit boards or other components and systems safely. The power supply is fitted with the following protection: thermal, short-circuit and overload protection. The protection from overload is active from 240 mA. Protection is displayed using a red LED. Complies with the following standards: EN 61558-1, EN 61558-2-17 and DALI in accordance with EN60929 (min. 7 V DC max. 24 V DC).
- Input voltage: 207 tot 253 Vac
- Maximum MCB rating: 6 A (limited by national installation rules)
- Output voltage: adjustable 22.5 or 16 Vdc
- Safety protections: protected against overload, overheating and short-circuit
- DIN dimensions: 4U
- Marking: CE
- Weight: 457 g

