

# 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

