

Digidim Power Supply Unit (401)

The DIGIDIM Power Supply Unit is fully DALI-compatible, and provides a DIGIDIM system with the required supply of up to 250 mA.

The 401 is a wall-mounted unit (a mounting bracket is supplied).

It may also be DIN-Rail mounted (additional clips are provided).

The unit has a status LED that will be off if the DALI line is shorted, or if there are no loads connected. The LED is on when no short is present or when loads are connected.

Note: If a power supply unit is connected to the DIGIDIM system, no other source of power may be used.

Key Features

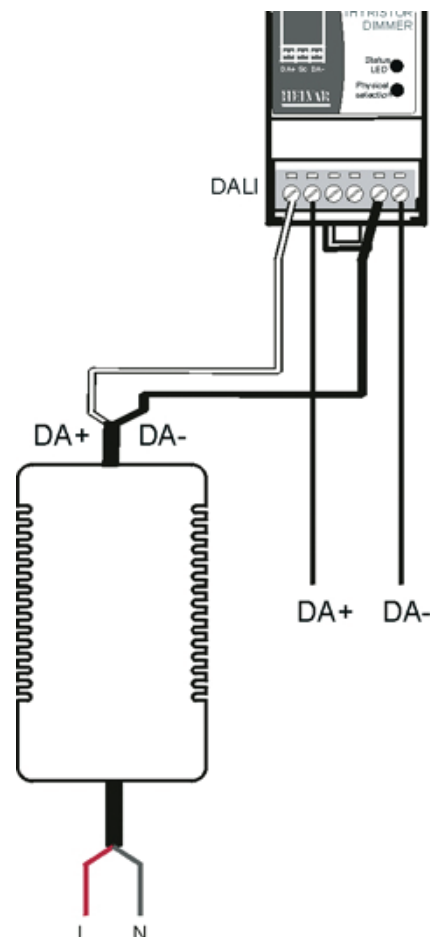
- Supplies power to a DIGIDIM system up to the maximum 250 mA
- Status LED indicates faults and power being supplied.
- DALI short circuit protected
- Over temperature protected
- Easily DIN-rail mounted or wall mounted with brackets supplied

Installation Notes

- Isolate the mains supply before installation
- The power supply unit is supplied with factory fitted mains supply and DALI cables
- The external supply must be protected. External protection must not exceed 6 A Type C MCB.
- All cabling must be 230 V mains-rated



Connections



Technical Data

Connections

Mains supply: 220 VAC – 240 VAC, 50 Hz – 60 Hz;
12 VA

Mains cable: 1.5 m (factory-fitted flying lead);
2 × 0.75 mm² stranded wires;
Sheath: Black
Live: Brown
Neutral: Blue

Power supply

Isolation: 4 kV

Max. heat dissipation: 3.6 W

DALI supply output: 250 mA

DALI cable: 0.22 mm² – 1.5 mm² low-loss
RS485 type (multistranded, twisted
and shielded)

Cable rating: 1.0 m (factory-fitted flying lead);
2 × 0.75 mm² stranded wires;
Sheath: Grey
Positive: White
Negative: Black

Mechanical data

Dimensions: 100 mm × 63 mm × 51 mm

Material: Black plastic case

Mounting: Wall or DIN-rail mounted using
metal brackets (supplied)

Weight: 450 g

IP code: IP30

Operating conditions

Ambient temperature: 0 °C to +40 °C

Relative humidity: Max. 90 %, non-condensing

Storage temperature: –10 °C to +70 °C

Conformity and standards

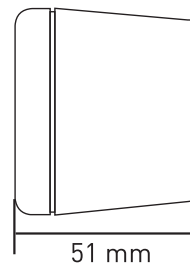
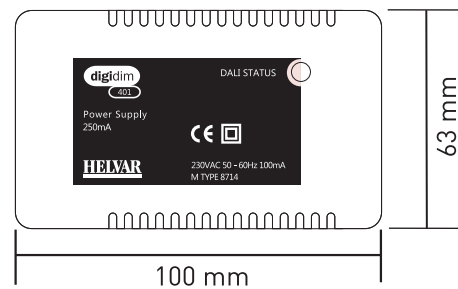
EMC emission: EN 50081–1

EMC immunity: EN 50082–1

Safety: EN 60950; EN 60065

Environment: Complies with WEEE and RoHS
directives

Dimensions



450 g