

## 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

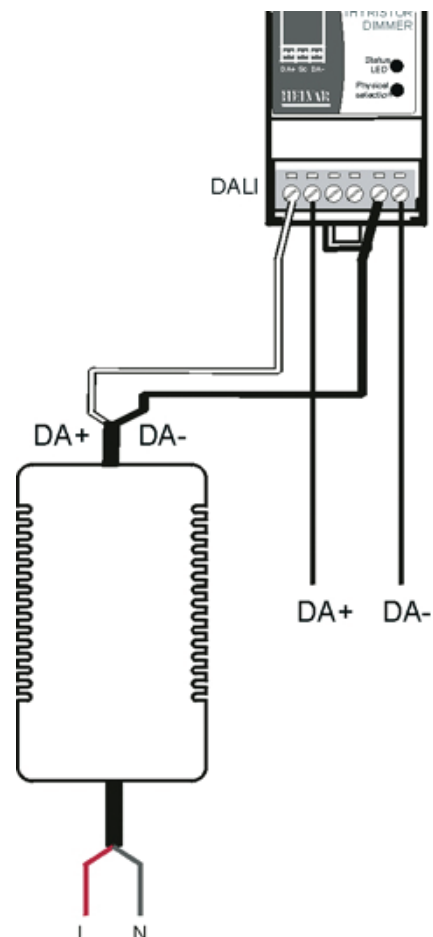
- Supplies power to a DIGIDIM system up to the maximum 250 mA
- Status LED indicates faults and power being supplied.
- DALI short circuit protected
- Over temperature protected
- Easily DIN-rail mounted or wall mounted with brackets supplied

### 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 mm<sup>2</sup> 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 mm<sup>2</sup> – 1.5 mm<sup>2</sup> low-loss  
RS485 type (multistranded, twisted  
and shielded)

**Cable rating:** 1.0 m (factory-fitted flying lead);  
2 × 0.75 mm<sup>2</sup> 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

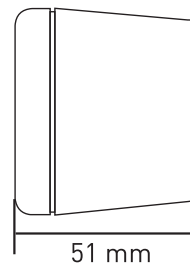
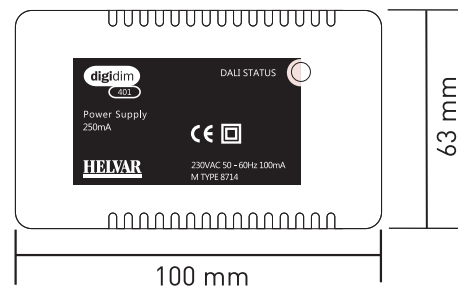
**EMC emission:** EN 50081–1

**EMC immunity:** EN 50082–1

**Safety:** EN 60950; EN 60065

**Environment:** Complies with WEEE and RoHS  
directives

### Dimensions



**450 g**