

# Product Data Sheet

## DIGIDIM 250 mA Power Supply

**digidim**

**402**

### Introduction

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

The power supply is a DIN-rail mounted unit.

An LED indicates that the unit is connected to the mains supply.

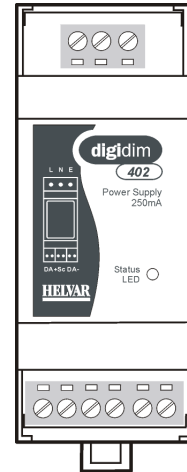
Note: If a power supply unit is connected to the system, no other source of power may be used.

### Key Features

- Supplies power to a DIGIDIM system up to the maximum of 250 mA.
- DALI short circuit protected.
- Over temperature protected.
- DIN-rail mounted and only 35 mm wide.
- Status LED - Indicates DALI communication by flashing.
- Operates on a universal supply voltage of 85 - 264VAC.

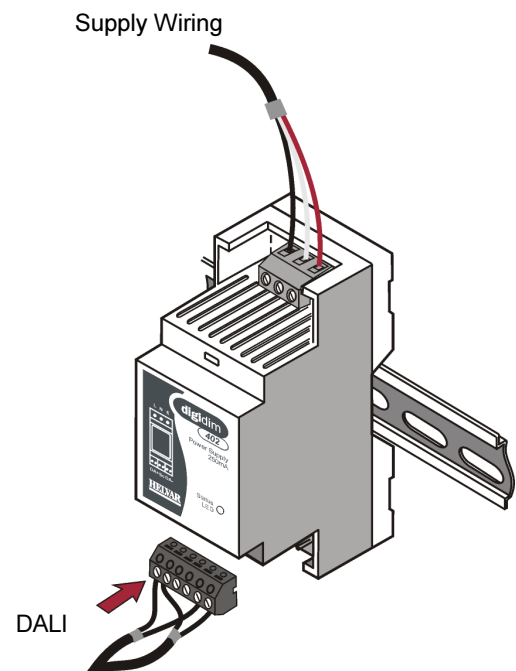
### Installation Notes

- The external mains supply to the unit must be protected. It is recommended that a 2 A MCB is used.



**DIGIDIM Power Supply**

### Connection Details



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### Technical Data

#### Connections

- DALI:** Standard DIGIDIM removable connectors with paired terminals, 0.5mm<sup>2</sup> - 1.5mm<sup>2</sup> stranded or solid core.
- Mains:** Up to 4 mm<sup>2</sup> solid core or up to 2.5 mm<sup>2</sup> stranded.

#### Power

- Mains Supply:** 85-264 VAC, 48-62 Hz
- DALI Supply:** 22 VDC (nominal) 250 mA
- DALI Consumption:** None

#### Operating Conditions

- Ambient Temperature:** 0...40°C
- Relative Humidity:** 90% max, non-condensing
- Storage Temperature:** -10°C...+70°C

#### Mechanical Data

- Housing:** DIN-rail case 35 mm wide.
- Weight:** 80g

#### Conformity & Standards

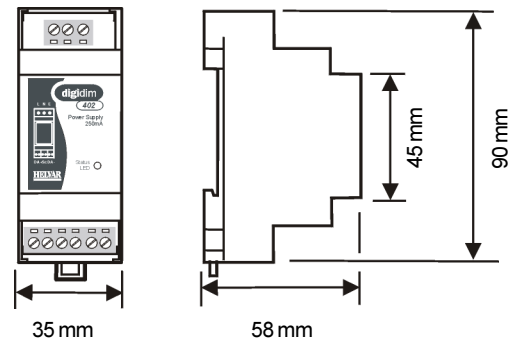
##### EMC

- Emission:** EN 50 081-1
- Immunity:** EN 61 547

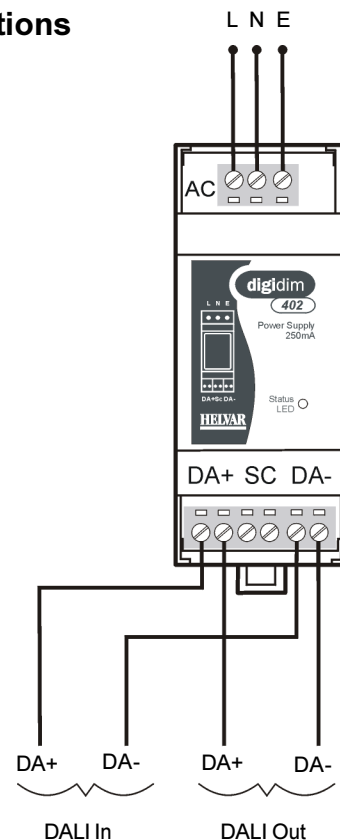
##### Safety

- Safety:** EN 60 950
- IP Rating:** 30
- Isolation:** 3 kV

### Dimensions



### Connections



# Helvar

[www.helvar.com](http://www.helvar.com)

Data subject to change without notice

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