

402 DIGIDIM Power Supply Unit

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

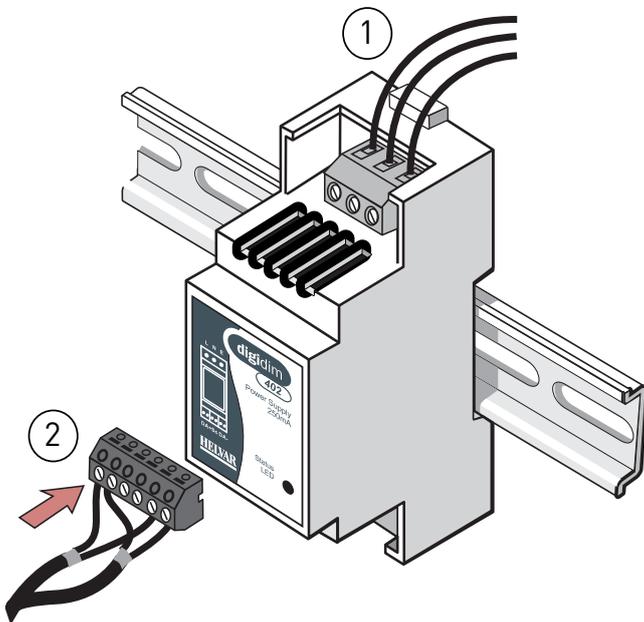
The 402 is a DIN rail mounted unit. An LED indicates that it is connected to the mains supply.



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

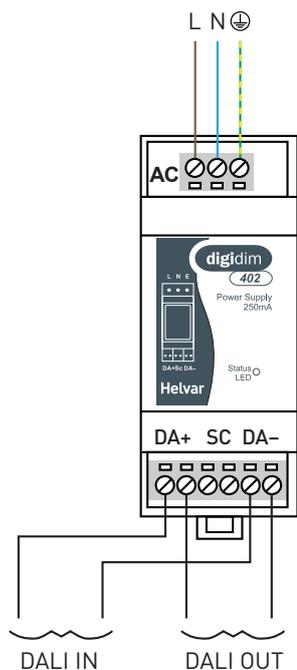
Key Features

- Supplies power to a DIGIDIM system up to the maximum of 250 mA.
- DALI short circuit protected.
- Over temperature protected.
- Status LED indicates DALI communication by flashing.
- Operates on a universal supply voltage.

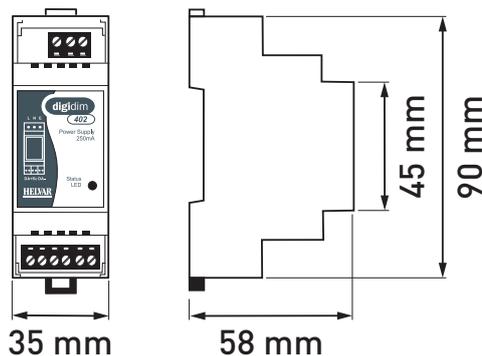


1. Supply Wiring
2. DALI

Connections



Dimensions



Technical Data

Connections

| | |
|--------|---------------------------------------------------------------------------------------------|
| DALI: | Standard DIGIDIM terminal block 0.5 mm ² – 1.5 mm ² solid or stranded |
| Mains: | Up to 4 mm ² solid, or up to 2.5 mm ² stranded |

Electrical data

| | |
|----------------------|-----------------------------------------------------------------------------|
| Mains supply: | 100 VAC – 240 VAC (nominal) 85 VAC – 264 VAC (absolute) 45 Hz – 65 Hz |
| DALI supply: | 20 VDC (nominal), 250 mA |
| DALI consumption: | None |
| External protection: | 6 A MCB maximum. The external mains supply to the unit must be protected. |
| Isolation: | 3 kV |

Mechanical data

| | |
|-------------|--------------------------|
| Dimensions: | 35 mm × 90 mm × 58 mm |
| Housing: | DIN rail case 35 mm wide |
| Weight: | 80 g |
| IP rating: | IP30 |

Operating and storage conditions

| | |
|----------------------|--------------------------|
| Ambient temperature: | 0 °C to +40 °C |
| Relative humidity: | Max. 90 %, noncondensing |
| Storage temperature: | -10 °C to +70 °C |

Conformity and standards

| | |
|---------------|---------------|
| Conformity: | CE UK CA |
| EMC emission: | EN 61000-6-3 |
| EMC immunity: | EN 61547 |
| Safety: | EN 61347-2-11 |