

510 USB-DALI Interface



The DIGIDIM 510 module is an USB-to DALI interface that provides a convenient method of connecting a personal computer running Helvar Toolbox programming software to a Helvar DIGIDIM DALI network.

The 510 Interface unit is housed in a standard Helvar panel module. The unit can be simply wall mounted using a Helvar single back box frame. Alternatively, it can be combined with up to two further modules from the Helvar range, in a triple module (double back box) frame. The module is supplied with both white and black snap-on fascia panels.

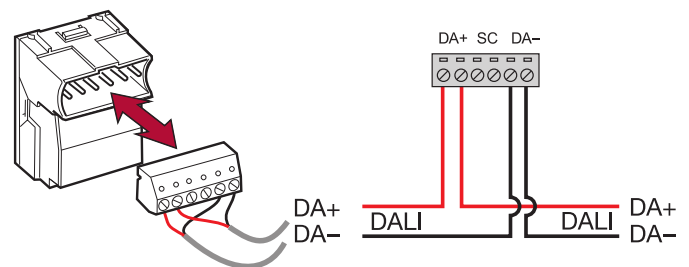
The connection between the PC and the 510 Interface is via a standard USB/Mini-B cable (supplied).



Key Features

- Simple insertion into DIGIDIM modular panels
- Quick and simple PC-to-DALI connection
- Black and white fascias included
- Standard mini-B USB connector
- Powered from DALI network

Connections



Note: Terminal block is supplied with the 510.

Technical Data

Connections

- DALI: DIGIDIM removable connector block
0.5 mm² – 2.5 mm² stranded or solid core
Max. DALI cable length 300 m
- USB: Mini-B socket
Max. USB cable length 5 m
Note: 5 m cable (USB A to mini-B) supplied with 510 unit.

Power

- DALI consumption: 4 mA
- Isolation: Double isolation from mains

Mechanical data

- Dimensions: 35.4 mm × 31.8 mm × 48.4 mm
- Weight: 30 g
- IP code: IP20

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

- DALI data transfer: DALI standard IEC 62386, with Helvar extensions
- Emission: EN 55015
- Immunity: EN 61547
- Safety: EN 61347-2-11
- Environment: Complies with WEEE and RoHS directives.

Dimensions (mm)

