

## 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.

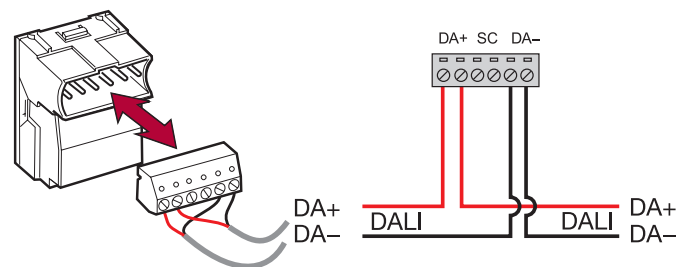
The connection between the PC and the 510 Interface is via a standard USB/Mini-B cable (supplied).



### 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

|              |   |
|--------------|---|
| <b>DALI:</b> | DIGIDIM removable connector block<br>0.5 mm <sup>2</sup> – 2.5 mm <sup>2</sup> stranded or solid core<br>Max. DALI cable length 300 m |
| <b>USB:</b>  | Mini-B socket<br>Max. USB cable length 5 m<br><i>Note: 5 m cable (USB A to mini-B) supplied with 510 unit.</i>                        |

### Power

|                          |                             |
|--------------------------|-----------------------------|
| <b>DALI consumption:</b> | 4 mA                        |
| <b>Isolation:</b>        | Double isolation from mains |

### Mechanical data

|                    |                             |
|--------------------|-----------------------------|
| <b>Dimensions:</b> | 35.4 mm × 31.8 mm × 48.4 mm |
| <b>Weight:</b>     | 30 g                        |
| <b>IP code:</b>    | IP20                        |

### Operating and storage conditions

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

### Conformity and standards

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

### Dimensions (mm)

