

## USB-to-DALI Interface Unit (510)

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.

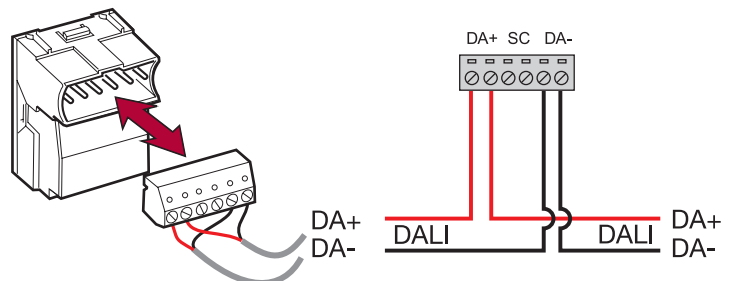
The connection between the PC and the 510 Interface is via a standard USB/Mini-B cable (supplied).

### 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 mm<sup>2</sup> – 2.5 mm<sup>2</sup> 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 DALI network

### 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

**Emission:** EN 55015

**Immunity:** EN 61547

**Safety:** EN 60950

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

### Dimensions (mm)

