

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.

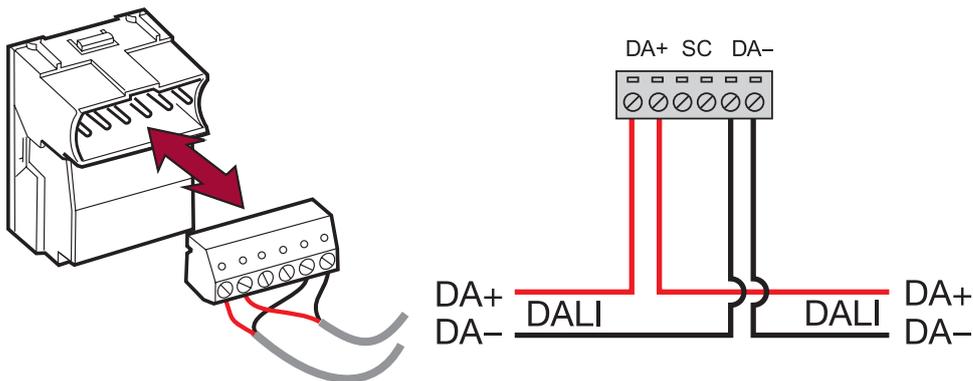
The connection between the PC and the 510 Interface is via a standard USB/Mini-B cable (supplied).



Key Features

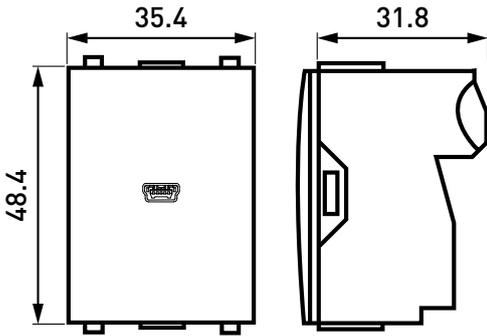
- Simple insertion into DIGIDIM modular panels
- Quick and simple PC-to-DALI connection
- Black and white fascias included
- Standard mini-B USB connector
- Powered from DALI network

Connections



Note: Terminal block is supplied with the 510.

Dimensions (mm)



Technical Data

Connections

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

Electrical data

DALI consumption:	4 mA
Isolation:	Double isolation from mains

Operating and storage conditions

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

Mechanical data

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

Conformity and standards

Conformity:	 
DALI data transfer:	IEC 62386, with Helvar additions
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-2-11
Environment:	Complies with WEEE and RoHS directives.