11xD2, 13xxD2 Modular Panels

The 11xD2 and 13xxD2 modular panels are a DALI-2 certified range of user interfaces for Helvar's Imagine solution. The range provides panels with a variety of different slider (11xD2) and button (13xxD2) layouts, fitted with LED indicators and an infra-red receiver* that gives the option of remote operation using hand-held remote controls.

*Infra-red receiver for 13xxD2 only

Key Features

- Choice of anthracite grey (B) or white (W) modules
- Easily reconfigured and programmable using Helvar Designer
- Designed to fit DIN and UK standard back boxes
- Double-gang version can take three independent modules
- Customized versions available upon request. Contact your local Helvar representative for further information
- DALI-2 certified input devices

Product Range

| Single - 110D2 | 131WD2 | 131WB2 | 132WD2 | 132WB2 | 134WD2 | 134BD2 |

| Double - 111D2 | 135WD2 | 135BD2 | 136WD2 | 136BD2 | 137WD2 | 137BD2 |

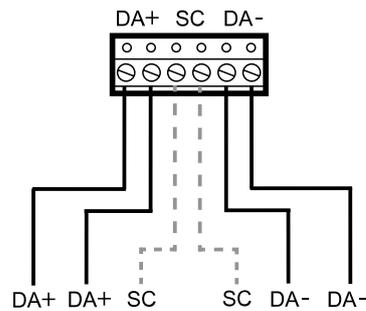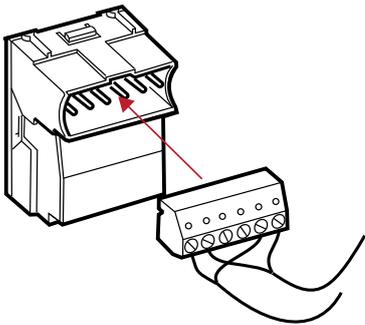| Module Function	Product Code White	Product Code Black
Single Slider	110D2	110D2
Double Slider	111D2	111D2
On/Off (2 buttons)	131WD2	131BD2
Raise/Lower (2 buttons)	132WD2	132BD2
4 scenes + Off (5 buttons)	134WD2	134BD2
4 scenes, Off + Up/Down (7 buttons)	135WD2	135BD2
7 scenes + Off (8 buttons)	136WD2	136BD2
4 scenes (4 buttons)	137WD2	137BD2

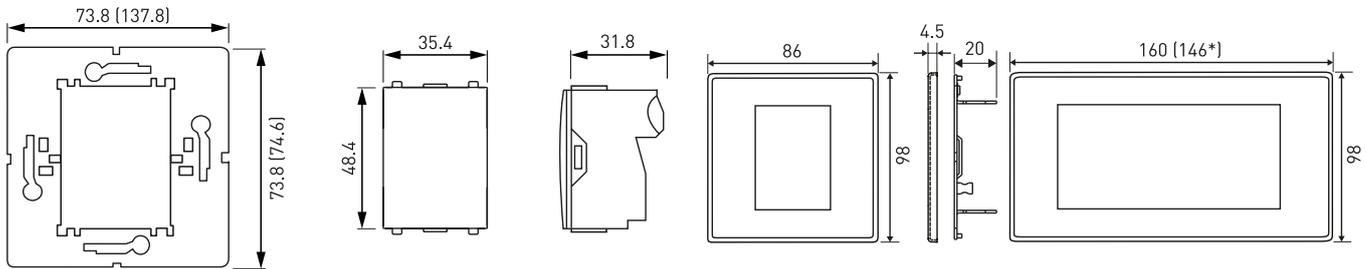|	Single-gang frame	Double-gang frame
White Plastic	230S	230D
Polished Brass	231S	231D
Stainless Steel	232S	232D
Painted White Metal	234S	234D
Black Plastic	235S	235D

Connections

Note: Ensure each connector is fully inserted into the modular panel.

Dimensions (mm)

* = Metal panel

Technical Data

Connections

DALI:	Removable connector block
	Wire size: 0.5–1.5 mm², solid or stranded
Cable rating:	All cables must be mains rated.

Electrical Data

DALI supply input:	12–22.5 V
DALI consumption:	10 mA max

Operation

IR frequency:	36 kHz (11xD2 - no IR)
Start-up time:	⩽ 500 ms

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 × 48.4 × 31.8 mm
Colour:	White (RAL 9003)
	Anthracite Grey (RAL 7016)
Weight:	41 g with DALI connector
IP rating:	IP30

Conformity and standards

Conformity:	CE UKCA
EMC emission / immunity:	EN 55015 / EN 61547
DALI:	IEC 62386, Parts 101, 103, 301, 302 and 332
	11xD2 only for 302
	13xxD2 only for 301
Safety:	EN 61347-2-11
Environment:	Complies with WEEE, RoHS and REACH directives.

Compatibility

Device:	Multi Master Application Controllers
Designer:	For 11xD2: 5.8.4 or later
	For 13xxD2: 5.8.2 or later