

14xxD2 Panels

The 14xxD2 panels are a DALI-2 certified range of user interfaces for Helvar's Imagine solution. The range offers four different button configurations, LED indicators and the ability to insert custom labels locally. The button module is detachable from its supplied frame and is also compatible with a number of frames from other manufacturers.

Key Features

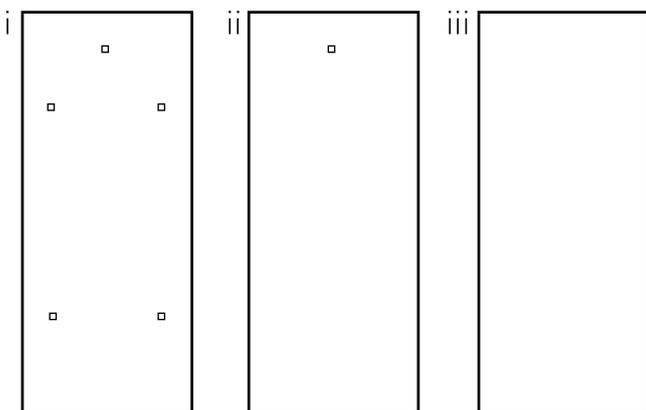
- Available button configurations: 2, 4, 6, 8.
- Available colours: White and black.
- Removable middle insert for local custom labelling options.
- Individual button LED indicators.
- Middle LED for power indicator and identify function.
- Compatible with alternative manufacturer's frames.
- DALI-2 input device.

Panel Inserts

Three centre inserts are provided per panel, these allow the following options:

1. All button and power LED windows.
2. Power LED window only.
3. Transparent for local custom labelling to be inserted and displayed.

Panels inserts shown are to scale (51 mm x 21 mm)



Product Range

142WD2 (White), 142BD2 (Black)



2 button function

144WD2 (White), 144BD2 (Black)



4 button function

146WD2 (White), 146BD2 (Black)



6 button function

148WD2 (White), 148BD2 (Black)



8 button function

Compatible Frames From Alternative Manufacturers

Manufacturer	Frames
Berker	S1, B1, B3, B7 glass
Elko	L571
Gira	Standard 55, E2, Event, Esprit
Jung	A500, Aplus
Merten	M-smart, M-Arc, M-Plan
Schneider	Exxact



Berker



Elko



Jung

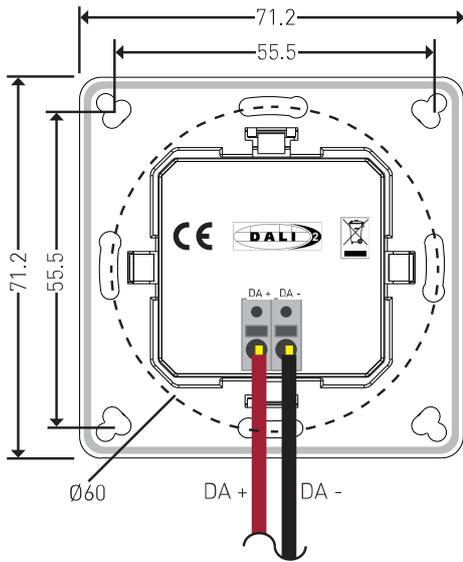


Gira

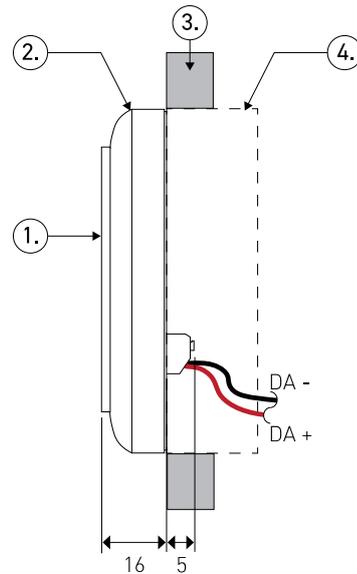


Schneider

Wiring Diagram and Dimensions (mm)



Fitted Panel sideview



Note: Dimensions excluding frame.



Note: Only one cable per terminal pole allowed. If looping is required then use the terminals supplied with the panel or other suitable terminals.

1. Panel.
2. Frame.
3. Wall.
4. Back box (BS / British or CEE60 European installation).

Technical Data

Connections	
DALI cable:	Wire size: 0.5 mm ² – 1.5 mm ² solid or stranded
Cable rating:	All cables must be mains rated.

Mechanical data	
Dimensions (without frame):	71.2 mm x 71.2 mm x 21 mm
Weight with packaging:	120 g
Weight net:	62 g
IP rating:	IP20
Colour:	White (RAL 9016), Signal Black (RAL 9004)

Electrical Data	
DALI supply input:	12 V – 22.5 V
DALI consumption:	10 mA Max

Operation	
Start-up time:	≤ 500 ms

Operating conditions	
Ambient temperature:	0 °C to +50 °C
Relative humidity:	Max. 80 %, noncondensing
Storage temperature:	-20 °C to +50 °C

Conformity and standards	
Conformity:	
DALI:	IEC62386, Parts 101, 103 and 301
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-2-11, EN 61347-1
Environment:	Complies with WEEE and RoHS directives.

Compatibility	
Router(s):	950
Designer:	5.7.0 or later