

# 14xxD2 Panels Datasheet



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

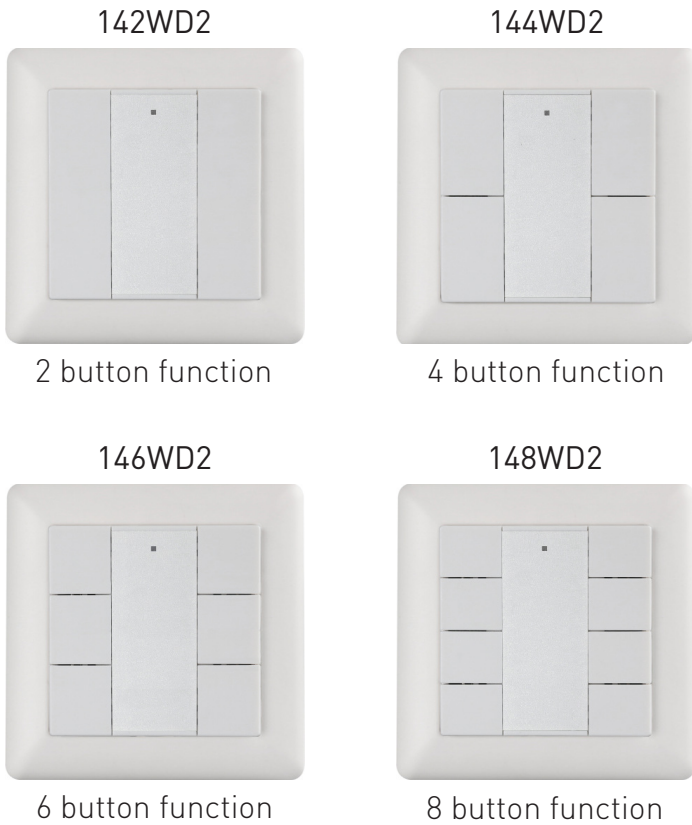
- Available button configurations: 2, 4, 6, 8.
- Available colour: White.
- Removable middle insert for local custom labelling options.
- Individual button LED indicators.
- Middle LED for power indicator and identify function
- Compatible with alternative manufacturer's frames.
- DALI-2 input device.

## Compatible frames from Alternative Manufacturers

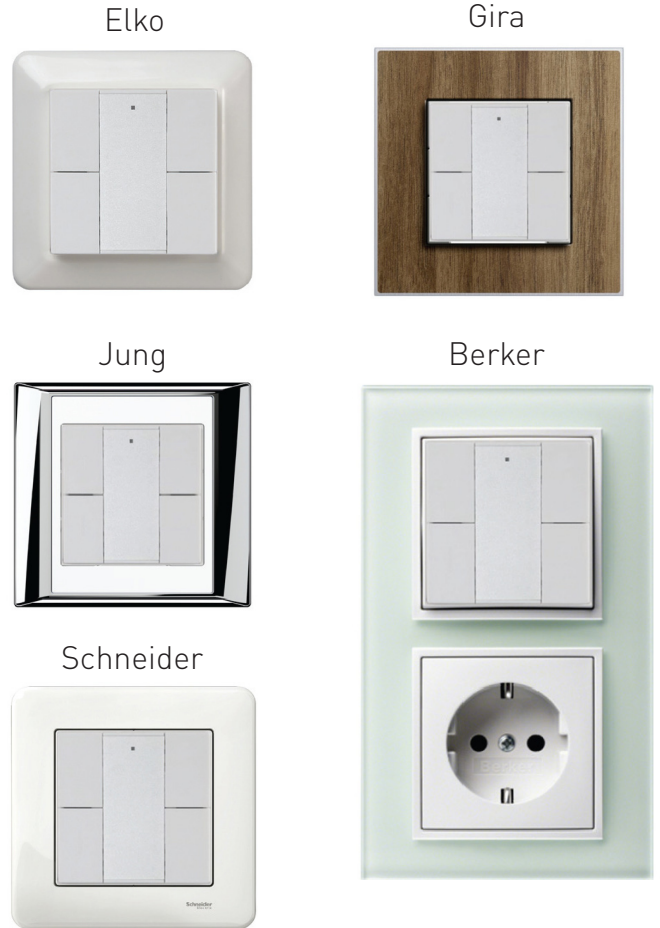
Manufacturer	Frames
Berker	S1, B1, B3, B7 glass
Elko	L571
Gira	Standard 55, E2, Event, Esprit
Jung	A500, Aplus
Merten	M-smart, M-Arc, M-Plan
Schneider	Exxact

## Product Range

### Panels



## Compatible frame examples (not supplied by Helvar)

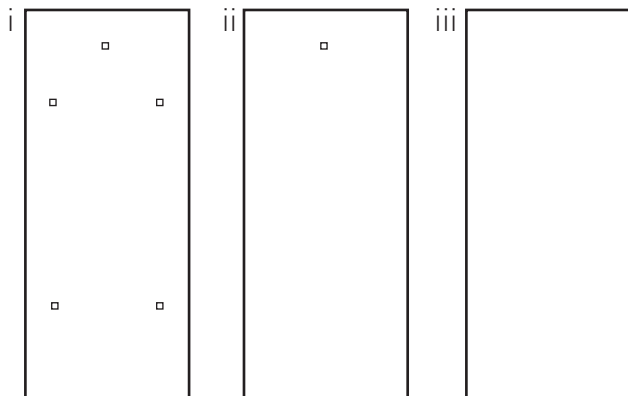


## Panel Inserts

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

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

Panels inserts, shown right, are to scale (55 mm x 22 mm)

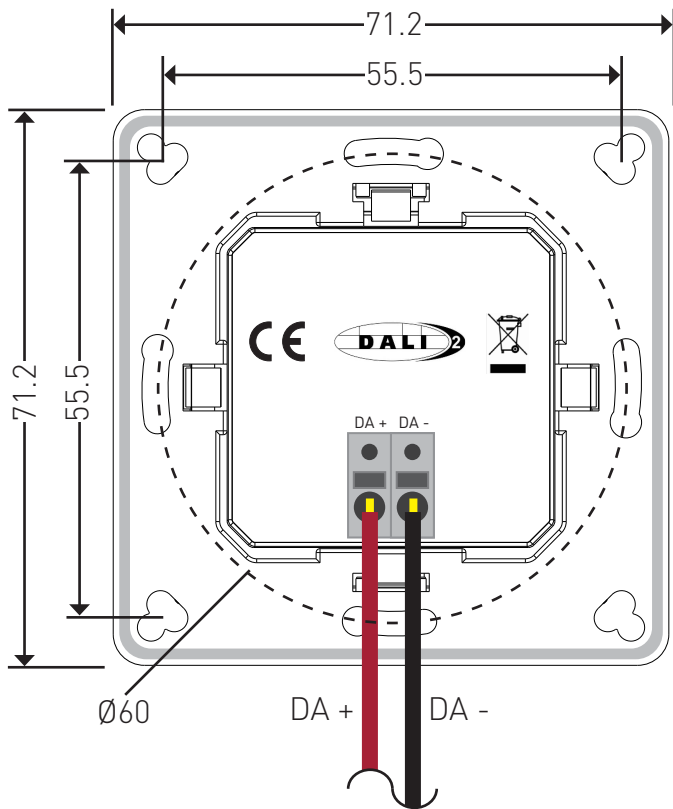


# Dimensions and Wiring Diagram

(Measurements are in mm)

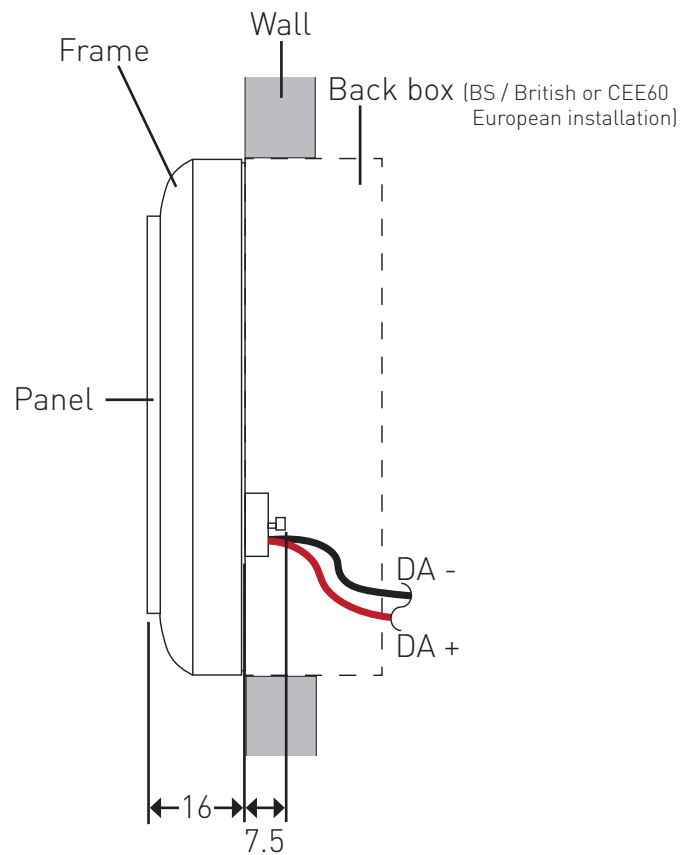
# Helvar

**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.

Fitted Panel side view (Measurements are in mm)



## Technical Data

### Connections

DALI cable:	Removable connector block Wire size: 0.5 mm <sup>2</sup> – 1.5 mm <sup>2</sup> solid or stranded
Cable rating:	All cables must be mains rated.

### Mechanical data

Dimensions (without frame):	71.2 mm x 71.2 mm x 22mm
Weight:	with packaging: 200g / pc Net: 190g / pc

IP rating:	IP20
Colour:	White (RAL 9016)

### Electrical Data

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

### Operation

Start-up time	≤ 500 ms
---------------	----------

### Operating conditions

Ambient temperature:	0 °C to +35 °C
Relative humidity:	Max. 80 %, noncondensing
Storage temperature:	-20 °C to +50 °C

### Conformity and standards

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

### Compatibility

Router(s):	950
Designer:	5.7.0 or later