

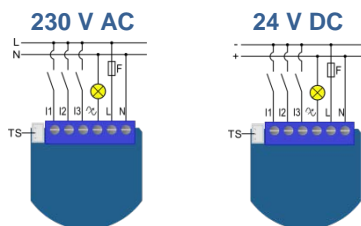


Flush Dimmer

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHDD1	868.4 MHz	CEPT, China, Singapore, South Africa, UAE
ZMNHDD2	921.4 MHz	Australia, Brazil, New Zealand
ZMNHDD3	908.4 MHz	Chile, Mexico, USA/Canada
ZMNHDD4	869.0 MHz	Russia

This device is used for dimming the light. The device can be controlled either through a Z-Wave network or through the wall switch. The device is designed to be mounted inside a “flush mounting box” and is hidden behind a traditional wall switch.

Wiring diagram



ADVANTAGES

The first (**MOSFET switching**) dimming device in the world which also supports control of:

- low voltage halogen lamps with electronic transformer,
- dimmable compact fluorescent light.

The smallest dimming device in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box.

PROVED and TESTED BY PROFESSIONAL ELECTRICIANS! Extremely **low energy consumption**: less than 0.7 W.

Extended operating temperatures: (-10 to 40) °C.

Support for the connection of **digital temperature sensor**. **Power consumption measurement**.

2 binary inputs offer the option to connect additional devices such as sensors, switches/push buttons, etc.



TECHNICAL DATA

Power supply	(110 to 230) V AC ± 10 % 50/60Hz*, (24 to 30) V DC
Rated load current of AC output	0.6 A/230 V AC
Rated load current of DC output	0.85 A/30 V DC
Output circuit power of AC output (resistive load)	140 W (230 V AC)
Output circuit power of DC output (resistive load)	21 W (24 V DC)
Power monitoring accuracy	± 2 W
Digital temperature sensor range (sensor must be ordered separately)	(-50 to 125) °C
Operation temperature	(-10 to 40) °C
Distance	up to 30 m indoors
Dimensions (W x H x D)	41.8 mm x 36.8 mm x 15.4mm
Package dimensions (W x H x D)	79 mm x 52 mm x 22mm
Weight	28 g
Gross weight (packaging included)	34 g
Electricity consumption	0.7 W
For installation in boxes	∅ ≥ 60 mm or 2M
Switching	MOSFET (Trailing edge)

Additional information is available in the technical specifications.

* 50Hz for ALL ORDERING CODES; 60Hz for ZMNHDD2

PACKAGE CONTAINS

Device with installation manual.