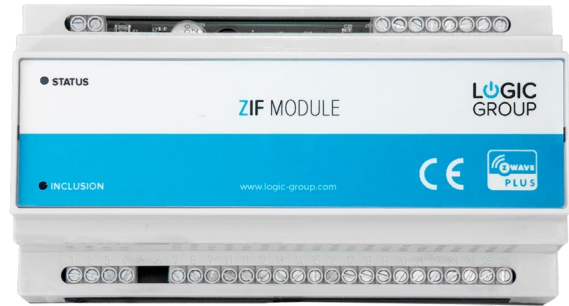


ZIF MODULE

Interface for Automation Systems

Model ZIF5030



ZIF5030 is a Z-Wave based module with 10 Normally Open relay outputs and 4 digital inputs for mounting on a M36 DIN rail (EN50022).

The 10 relay outputs are able to be freely controlled from the Z-Wave network and can be used for several purposes.

The 4 digital inputs can be used for connecting potential free contacts or open collector outputs.

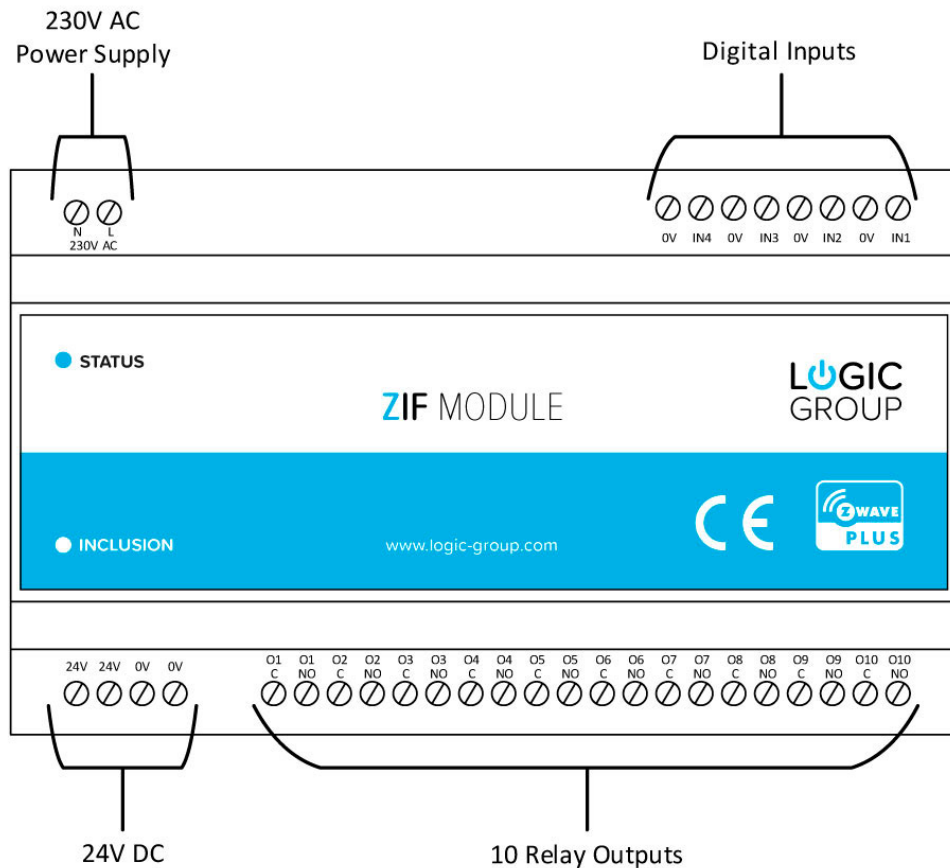
ZIF5030 is supplied from the 230V AC mains supply and has a 24V DC output connection that can be used to be looped into, and then switched by the relay contacts.

Initiation of Z-Wave *add or remove* is fulfilled by activation of a push-button through a small hole in the front of the module.

The LED status indicator in the front of the module can be controlled from the Z-Wave network, and the light intensity can be dimmed.

Functionality

- Can be used as a Z-Wave interface for other systems and enables them to be controlled from the Z-Wave network.
- The relay outputs can be used to control actuators in a hydronic floor heating system, either 24V actuators or 230V actuators can be used, as an easy 10 zone Z-Wave floor heating controller.
- Inputs can be individually configured to different trigger functions; leading-edge, trailing edge or level triggered.
- Based on the Z-Wave Plus 500 series platform.
- Contains *Multi-Channel Command Class* for a better visualisation in a Z-Wave Home Controller, together with a better control and support for other Z-Wave devices.
- Function as a *routing slave* Z-Wave repeater, for an expanded coverage of the Z-Wave network.
- Possibility for updating the device firmware via the Z-Wave network (OTA firmware updateable).



Specifications

Physical Dimensions

H 85 mm x W 160 mm x D 60 mm
DIN M36 9-module

Connections

Power supply: 100-240V AC 50/60Hz
Terminals: 0.2 – 2.5 mm²
Outputs: 20 screw terminals, 10 x Normally Open relay contacts. 2 screw terminals, 24V DC.
4 screw terminals 0V.
Inputs: 8 screw terminals, 4 x input, 4 x 0V.

Power Consumption

0.6W (idle) + 0.5W pr. active relay (max. 5.5 W).

Radio Protocol

Z-Wave®: EU 868.4MHz – 500 Series.

Radio Range

40 m indoor / 80 m outdoor.

Relay outputs

Rated carry current: 5A
Max. switching voltage: 250V AC, 30V DC
Max. switching current: 5A
Max. load: 5A at 250V AC (1,250W), 5A at 30V DC (150W)

24V DC output

Max. load: 1.1 A (25W)

Inputs

Digital, potential free, max. 10V DC, input impedance 10Kohm.

Protection Class

IP20

Right to changes reserved.