

# ZIF MODULE

## Interface for Utility Meters

Model ZIF5029



ZIF5029 is a 6 channel Z-Wave controlled DIN mountable module. The module is equipped with 6 relay switches and 6 impulse inputs for mounting on a standard M36 DIN rail (EN50022).

The 6 independent relay switches can freely be controlled from the Z-Wave network and be used for many different purposes.

The 6 pulse inputs can be used for counting pulses from utility meters such as water meters and electricity meters with an output that generates pulses when a specific consumption measure has been reached.

ZIF5029 can be used for controlling up to six 230 V AC and/or DC loads through the Z-Wave

network. Each relay switch is rated for loads of up to a maximum of 16A.

All 6 relay switches are galvanically isolated from each other.

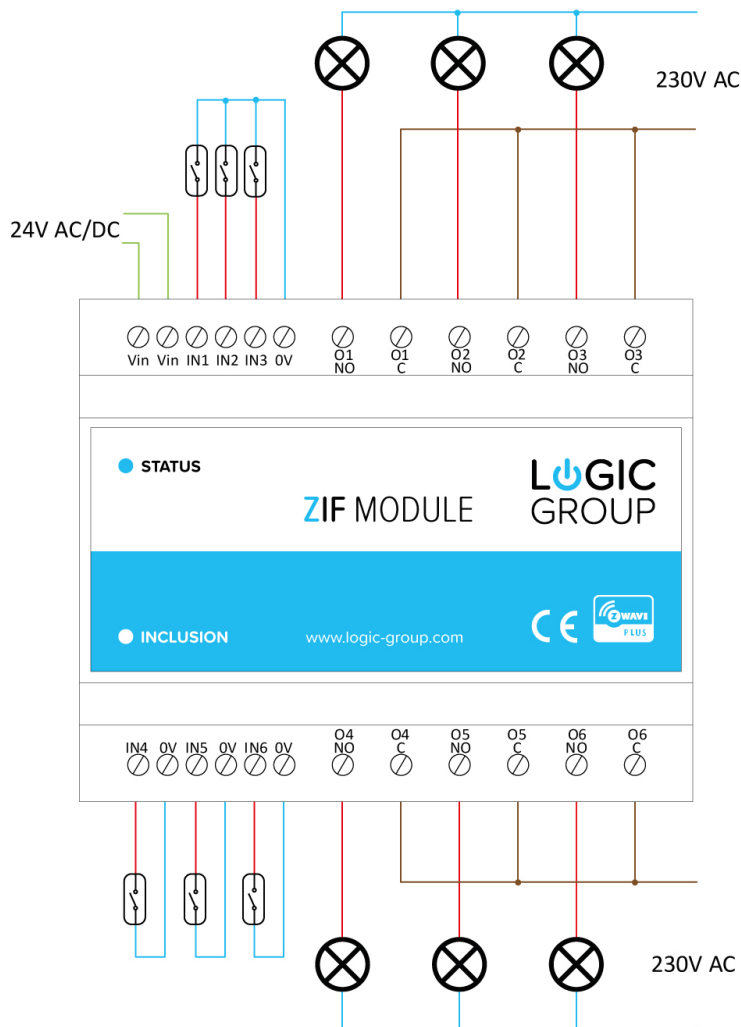
ZIF5029 must be supplied from a 10-24V DC or 8-24V AC power supply.

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

ZIF5029 is equipped with a LED in the front of the module for indicating its status.

## Functions

- Can be used as a Z-Wave interface to other systems and thereby makes them able to be controlled from the Z-Wave network.
- Inputs can be individually configured for each utility meter.
- Based on the Z-Wave Plus 500 series platforms (awaiting Z-Wave Plus certification).
- Contains *Multi-Channel Command Class* for a better visualization in the Z-Wave Controller, and for better control and reporting to other Z-Wave devices with endpoints.
- Functions as a *routing slave* Z-Wave repeater, to increase coverage of the Z-Wave network.
- Possibility of firmware updates Over-The-Air (OTA) via the Z-Wave network.



## Specifications

### Physical

H 85 mm x W 105 mm x D 60 mm  
M36 6-module

### Connections

Power supply: 10 - 24V DC or 8-24V AC.  
Screw terminals: 0,2 – 2,5 mm<sup>2</sup>  
Outputs: 6 x 2 terminals (10mm clearance).  
Inputs: 3 terminals on top, 3 terminals on bottom.

### Power consumption

0.6W (idle) + 0.5W pr. active relay (max. 3.5W).

### Radio protocol

Z-Wave®: EU 868.4MHz – 500 Series.

### Network range

40 m indoor / 80 m outdoor.

### Relay switches

AC1: 16A 250V AC  
AC3: 750W (engine)  
AC15: 360VA  
Max. inrush current: 80A/20ms

### Inputs

For use with dry contacts or open-collector outputs.  
Input impedance: 22 kΩ.

### Protection class

IP20

*Logic Group reserves the right to changes without notice.*