

MOS Dimmer Module



AD370 is an inwall module to dim lighting appliances by Z-wave wireless control.

It uses MOS technology to achieve Trailing-edge dimming for LED lighting and Leading-edge dimming for older lamps.

Compact in design, yet certified for safety makes it suitable for installation in cramped electrical box located behind wall switches.

Main Features

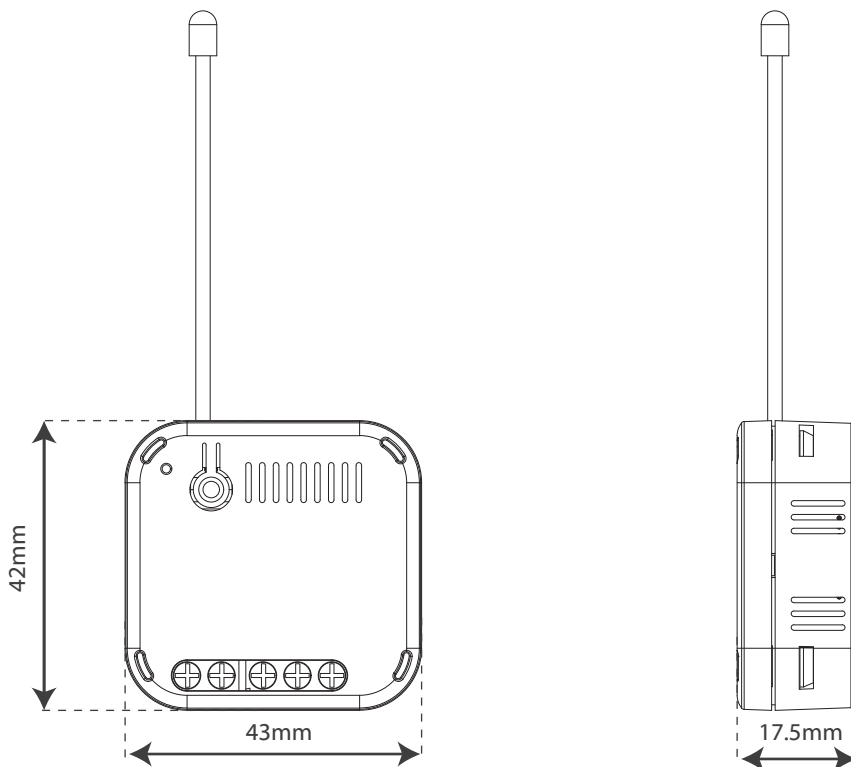
- Latest Z-Wave 700 series
- MOS technology for Trailing/Leading edge phase dimming
- Suitable for 3-wire and 2-wire (no neutral) connections
- Self -detect whether 3-wire or 2-wire installation
- Installer friendly; no need for loopback cable when 2-wire (Patent-pending)
- Usable dimming range set through Auto Calibration
- Overload and overheat protection
- Integrated scheduler controller
- Power consumption reporting
- Auto-detect load type: resistive, inductive, capacitive



Brief Product Specifications

Function	MOS Dimmer Module
Frequency range	868.42 MHz
RF protocol	Z-Wave Plus
RF range (open space)	>100m
Max load (@ 230v)	<ul style="list-style-type: none"> - Resistive Load: 276W - Incandescent Load: 200W - Dimmable LED load: 10W~200W (2-wire) 2W~200W (3-wire) - Dimmable electronic transformer for 12V ELV halogen lamps: 10W~200W - Ferromagnetic transformers for 12V operated MLV halogen lamps: 10W~200W - Non-dimmable LED (3-wire) : 60W

Power input	AC220V - 240V / 50Hz
Operation temperature	0 - 40°C
Operation humidity	85% RH max
Dimension (mm)	43(W) x 42(D) x 17.5(H)
Weight	34g



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