

WIRELESS DUAL INPUT / OUTPUT DEVICE

Product datasheet

Key features

- Ten year battery life based on normal usage
- Dual band 868 MHz operation
- 2x resistor monitored inputs
- 2x voltage free outputs
- Third party EN certified
- Fully wireless communication with iWZM



Product Overview

This device is quick and easy to install, offering reliable wireless integration where conventional wiring is impractical. The unit provides robust dual-channel functionality, combining supervised inputs and volt-free outputs within a single device.

Features include battery operation using three CR123A lithium cells, providing up to 10 years' service life under normal conditions, with integrated battery health monitoring. The enclosure is UL94 5VB fire-rated, with a removable 180° opening door, flexible clip-in hinges, and multiple cable entry knock-outs with M20 drill guides for ease of installation.

Outputs provide volt-free changeover contacts for ancillary equipment and can be programmed individually or as part of a group. Combined input/output functionality allows simultaneous or independent operation depending on system configuration. Integrated LED indication provides clear local status (Power, Fault, Active) along with high-intensity indicators for easy identification when operated.

This device is compatible with iWZM for connection to addressable and conventional fire systems.

Technical data

 Operating -10 to +55 °C	 14 dBm / 25 mW	 Up to 1400 m (clear line of sight)*
Storage without batteries -10 to +55 °C with batteries -10 to +30 °C	 X5 (<i>signalling protocol</i>)	 0.6 Kg
 3 x 3V CR123A - lithium manganese dioxide with a capacity of at least 1550mAh. <i>Certified with</i> Duracell: DL123A and CR123A Intense Panasonic CR123A PA / BD	 2x resistor monitored inputs	 CE UK CA
	 2x 1A at 30 VDC rated outputs	 DoP0051
	 150 x 200 x 55 mm (W x H x D)	 EN54-18 & EN54-25
	 UL94 5 VB rated PC + ABS	 EMS-41 -0202-0001-WZ
 IP65 - Indoor	 868 MHz	 mysmartcell.com

**Line of sight refers to the maximum distance over which radio frequency signals can travel in a direct, unobstructed path between transmitter and receiver.*