

FIREwave®

Wireless Powered Output Module

RSM-POM



Features

- ▶ Contacts can be configured as N/O or N/C
- ▶ Selectable output - 12 V dc or 24 V dc
- ▶ Bi-directional wireless communication
- ▶ Self optimising wireless amplitude and frequency
- ▶ Automatic wireless channel hopping
- ▶ Fully intelligent
- ▶ High reliability and sensitivity
- ▶ Flexible on site device adjustment
- ▶ Makes additions to existing wired systems easy and cost effective

Description

The RSM-POM is a Wireless Powered Output Module which allows the control panel to activate/switch the circuits of an external device or system wirelessly via an RSM-CIM, RSM-EXP or RSM-WTM. The unit's contacts can be configured to be normally open or normally closed and switch at 30 V dc/125 V ac at 2 A. The unit can be configured to provide either a 12 V dc or a 24 V dc output.

Module parameters are programmed via the Translator Module (RSM-WTM) which then automatically manages radiated power depending on the device communication quality. All modules can then adjust their frequency and radiated power in accordance with the signal quality received from the Translator Module.

The unit is mounted in a protective IP65 housing for mounting in hostile conditions and to enable the termination of fire protected cabling. The module allows the connection of third party equipment to the fire system via the monitored input circuit.

The module is also controllable from the Fire Control Panel via the cause and effect programming and offers the same level of flexibility as a standard addressable module.

Ordering Code	RSM-POM
Communication range with Translator Module	150 m (open space)
Operating frequency	868 - 870 MHz
Modulation type	Frequency Shift Keying
Number of operating channels	7
Time period between wireless signal transmissions	From 12 seconds to 2 minutes
Power supply	10 - 27 V dc (external)
Operating temperature range	-10 °C to +55 °C
Radiated power	0.01 - 3 mW
IP Rating	IP65
Dimensions (mm)	H87 x W87 x D23 (D58 with back box)

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