Wired

data sheet

WAVMI

WIRED MAINS SIGNALLING INTERFACE UNIT

WHAT IS IT?

A compact interface unit for use with the Rako Rakom wired network. The WAVMI allows up to 5 mains voltage switching devices to interface to the network which can then trigger lighting scenes.

Interface unit for connecting up to 5 mains switching signals from devices such as PIR sensors to the Rako Rakom wired network.

Mains Interfacing

The WAVMI is fitted with 5 sets of screw terminals to provide both a 240V L,N +E supply as well as accepting in a 240V switched line simplifying wiring to devices such as PIRs. The return switched line then acts as an input on the Rako Rakom wired network in a similar way to pressing a button on a keypad. As per a keypad message a trigger from the WAVMI can recall a direct lighting scene or be mapped to start a macro event in a WTC-Bridge.

Input grouping is possible using the fitted multiway header connector. Grouping allows inputs to be grouped so that an 'action' is seen when either, or any of the group member's switched line is On. Grouping is typically used where multiple PIRs are present in one area and presence detected by either or any of the PIRs needs to activate the same lighting scene.

Connection to the Rakom wired network can be via the RJ11 lead, plugging into a RAKLink or RAKStar unit. Alternatively a WPCon or WPConC unit can be used as a remote plug in connection or the network can be punched down on to the daughter board supplied with the WAVFR.

Power supply is 240V via screw terminals.

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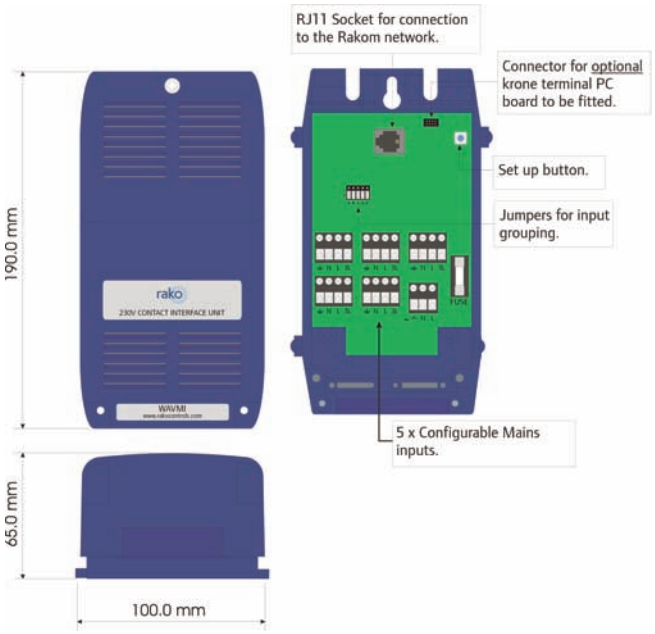
technical data

dimensions	190x100x65mm
input supply	Powered from RAK-LINK via RJ11 connection or from CAT5 network via optional punch down connector.
supply output	5 x 240V 200mA outputs
housing	ULV0 ABS
weight	350g
climate range	Temperature +2C to +40C Humidity +5% - 90% non condensing
Rakom cable type	UTP CAT5e or CAT6
Rakom terminals	8 way Krone punch down RJ11 - Socket (lead included)
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
communication	Rakom wired network
memory	Flash memory (non volatile)

connection details



telephone +44 (0) 1634 226666 fax +44 (0) 1634 226667 www.rakocontrols.com