



Combined
data sheet
RAK8-MB

8 CHANNEL MOTHERBOARD FOR MULTIPLE PLUG IN MODULES



WHAT IS IT ?

An eight slot motherboard which forms the base of a RAK8 dimmer array. Designed to be wall mounted in an electrical cupboard.

Any combination of pluggable modules can be fitted into the 8 slot motherboard allowing for greater flexibility during both specification and installation.

The RAK8 requires a separate controller/receiver which connects using standard CAT5 RJ45 sockets.

Controlled from any Rako Rakom RF or WIRED device, for example the RCM or WCM push button wall plates.

The RAK8-MB dimmer rack to be populated with pluggable dimmer modules



RAK8 dimmer arrays can be used as either a single 8 channel array or joined together to form a multi-way stack.

The RAK8 requires a separate Rako interface for control. Either the RF receiver (RxLink) or the WIRED controller (RAKLink), these units communicate using a single CAT5 RJ45 patch lead.

When used with the wireless receiver (RX-Link) up to 16 channels can be used per stack. When used with a wired system (RAKLink) up to 32 channels per stack are available.

It is possible to mix and match RAK4s and RAK8s on the same multi-way stack. The same maximum number of channels per stack applies.

All memory is stored on the motherboard rather than the pluggable module meaning they can be swapped without the need to be re-programmed.

The RAK8 units are designed to be centrally located in an electrical cupboard, utility room or garage.

The RAK8 dimmer can be used seamlessly with any other Rako modules, such as RML and RMT in-line dimmers, RCM or WCM wallplates, RAH hand holds, timeclocks etc.

Each RAK8 box needs to be fed by a 10A Type B MCB.



Combined

data sheet

RAK8-MB

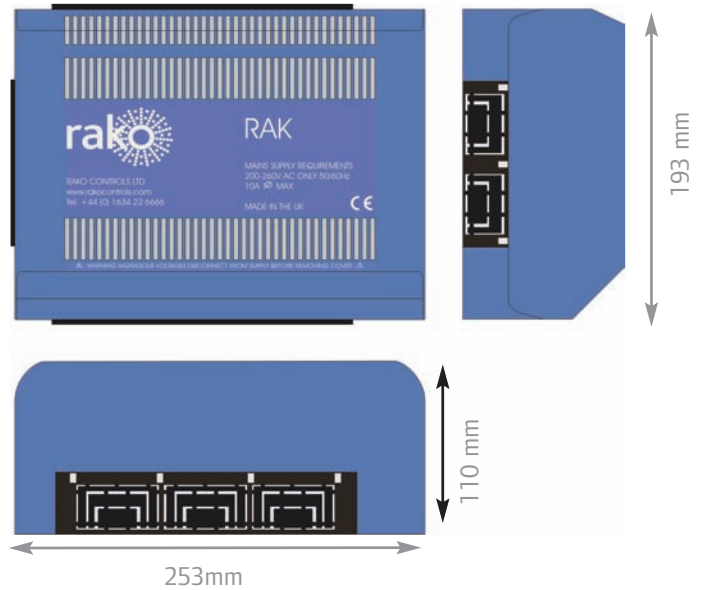
8 CHANNEL MOTHERBOARD FOR MULTIPLE PLUG IN MODULES



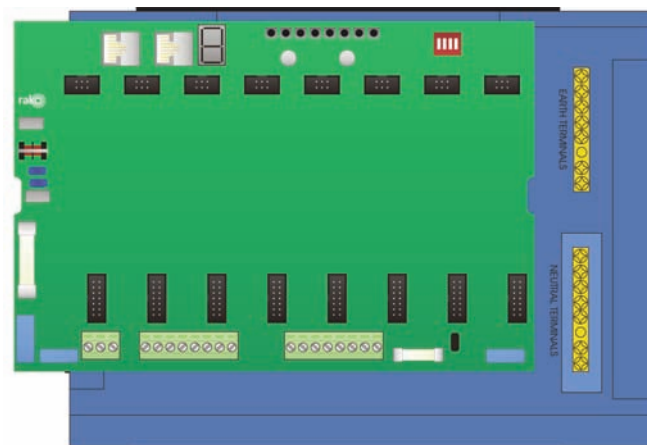
technical data

dimensions	193x253x110mm
input supply	200-260V AC 50/60Hz 10A Type B MCB protection required
weight	3.5Kg
housing	Powder coated galvanised steel
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	3 way screw terminal for mains supply 8 way terminal for test outputs 8 way terminal for main outputs
load types	See individual data sheet for pluggable modules
terminal sizes	2.5mm ² - Stranded 4.0mm ² - Solid
cable entry	Multiple 10 x 20mm knockouts on top, bottom and sides
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
communication	RS485 to other RAKs, RX-Link and RAK-Link
memory	Flash memory (non volatile)

mechanical data



connection details



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

WE RESERVE THE RIGHT TO CHANGE THE SPECIFICATION AND DATA HERewith WITHOUT NOTICE.

© 2017 RAKO CONTROLS LIMITED