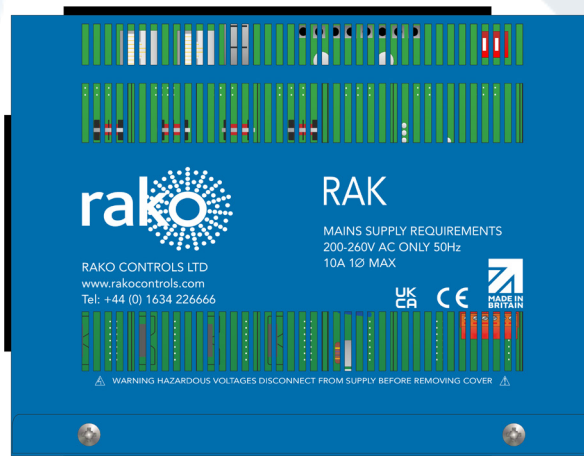




Datasheet

RAK8-MB

8-Channel Motherboard



What is the RAK8-MB?

The RAK8-MB forms the base for up to eight pluggable modules, which can be added in any combination depending on the system requirements.

Pluggable modules:

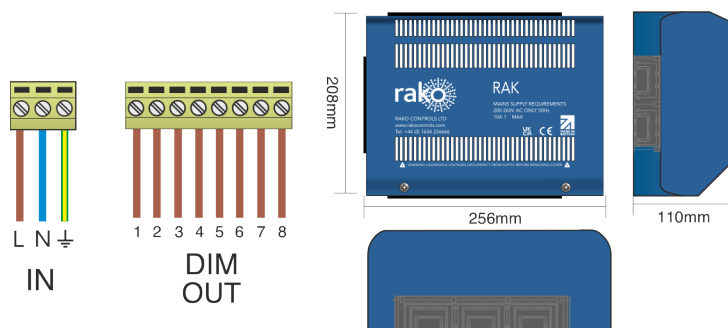
- WMT-400 - 400W Trailing Edge dimmer
- WML-300 - 300W Leading Edge dimmer
- WDA-600 - 600W digital dimmer for use with 1-10V, DSI and DALI broadcast
- WMS-600 - 600W Switching Module
- WM-CUB - Twin relay Curtain and Blind controller

RAK8-MB's are controlled via a RAK-LINK for a wired system or an RxLINK for a wireless system:

- RAK-LINK - Up to four RAK8-MB connections
- RxLink - Up to two RAK8-MB connections

Multiple RAK-LINK or RxLINK units can be used if the above numbers are exceeded.

Connections/Dimensions



Technical Data

Dimensions	208x256x110mm
Input Supply	230V AC 50Hz
Weight	3Kg
Housing	Powder-coated galvanised steel
Connections	3-way screw terminal for mains supply 8-way screw terminal for test outputs 8-way screw terminal for main outputs
Protection	10A type B MCB required
Fuse	15A 35mm fuse
Climate Range	+2C to +40C Humidity +5% to 95% non-condensing
Load types	Refer to individual card datasheets
Terminal Size	Solid - 4.0mm ² , Stranded - 2.5mm ²
Cable Entry	Multiple knockouts on top, bottom, side and rear
Standards	RoHS UKCA, CE EN 60669-2-5:2016
Communication	RS485

Installation and Setup

For information on installing and setting up the RAK8-MB see the [RAK8-MB Manual](#).



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