



Combined  
data sheet

## RAK4-R

4 CHANNEL, TWIN RELAY CURTAIN AND BLIND RACK



### WHAT IS IT ?

A 4 Channel twin relay control unit for control of up to 4 curtain or blind motors. Configurable to suit most motor types such as 240V roller, Venetian or Roman blinds, curtain tracks or low voltage motors. Relays are isolated and can be used to provide volt-free contact closures from the Rako network for non-motor control applications.

The RAK4-R can be controlled from Rako wired systems using the RAKLink or wireless systems using the RxLink interfaces.

Controllable by any Rako wireless or wired control panels, remote controls and Bridges.

The RAK4-R is a four channel controller which can be used to operate Curtain, Blinds and Screen motors.



### FEATURES

Each of the 4 channels has twin changeover relays for control of one blind/curtain motor. The six connections for each channel allow the relays to be wired to suit most motor types. The auxiliary mains terminals simplify wiring for mains voltage motors.

As a default relays latch in response to Raise/Lower or Scene commands but using Rasoft programming software relays can be configured for momentary action or momentary with latch after a defined period. This feature is most commonly used for blinds with a 'tilt' action such as Venetian or Roman styles.

As a default relay pairs have a 'stop on changeover' function releasing one relay before connecting the other to reduce the harmful back-emf effects generated by motor windings.

For more detailed information see Rako's application sheet 'Rako Blind and Curtain Controls'



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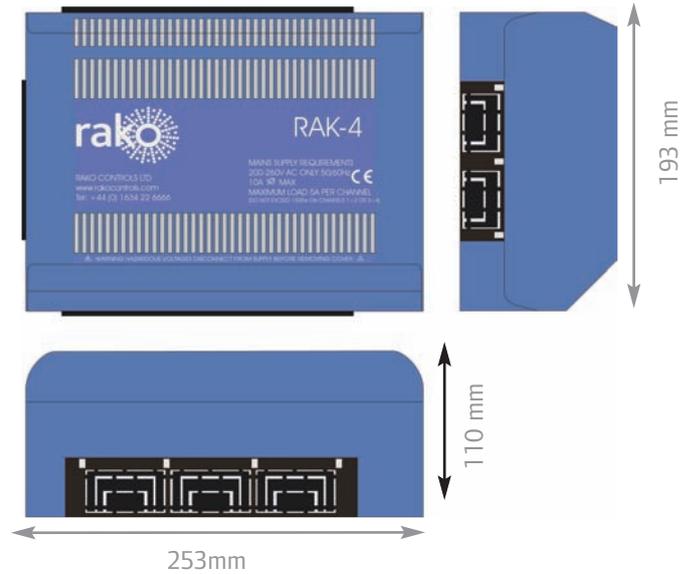
4 CHANNEL, TWIN RELAY CURTAIN AND BLIND RACK



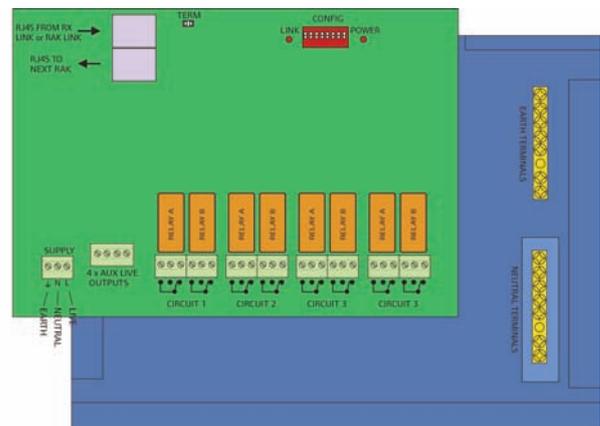
## technical data

dimensions	193x253x110mm
input supply	200-260V AC 50/60Hz
weight	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 4 way screw terminal for load outputs 2 RJ45 sockets for Rlink connection
protection	Auto resetting over current protection Auto thermal shutdown Voltage surge protection
terminal sizes	2.5mm <sup>2</sup> - Stranded 4.0mm <sup>2</sup> - Solid
cable entry	10x 20mm top and bottom
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
memory	Flash memory (non volatile)

## mechanical data



## connection details



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