Wireless

data sheet

RMT500

500VA TRAILING EDGE DIMMER

WHAT IS IT ?

A compact 500W RF dimmer designed to fit through a standard down-light cut-out.

Trailing edge dimming technology gives smooth quiet dimming of electronic transformer fed loads and maximises dimming performance of most GU10 LED down-lights.

The dimmer is connected in-line before the first lighting fitting to enable dimming of up to 500W of trailing edge dimmable loads.

Controlled from any Rako Rakom RF device, for example the RCP/RCM push button RF wall-plates.

The RMT500 in-line RF dimmer for GU10 LED lamps, tungsten, low-voltage halogen and other trailing edge dimmable loads.

IN CONTROL

Designed to fit in a ceiling void or cupboard, the RMT500 trailing edge dimmer can control up to 500 watts of mains dimmable lighting loads. The unit can also be used for exterior lighting control applications, with the use of a weatherproof IP rated enclosure.

The RMT500 uses trailing edge dimming technology to maximise the performance of most GU10 dimmable LED down-lights (refer to Rako Controls for compatibility and maximum loadings). The RMT500 is also the recommended dimmer for GU10 tungsten lamps due to its in-built short-circuit protection, necessary with this style of lamps.

16 Scene memory capacity, can be fully integrated into Rako wired systems.

Easy set-up and manual On/Off control using the set-up button.

Full rising clamp terminals and mounting bracket for easy installation.

NOTE – THE RMT500 IS NOT SUITABLE FOR USE WITH INDUCTIVE OR WIRE-WOUND LOADS.

Programmed using either an RCM/RCP RF wall-plate or RASOFT PC software suite, the RMT500 stores the House, Room and Channel address plus 16 preset scene levels in a non-volatile memory.

The RMT500 dimmer can be controlled from any Rako transmitter such as RCM/RCP wallplates, RAH hand-helds and Bridge modules and forms the foundation of any Rako wireless scene-set system.

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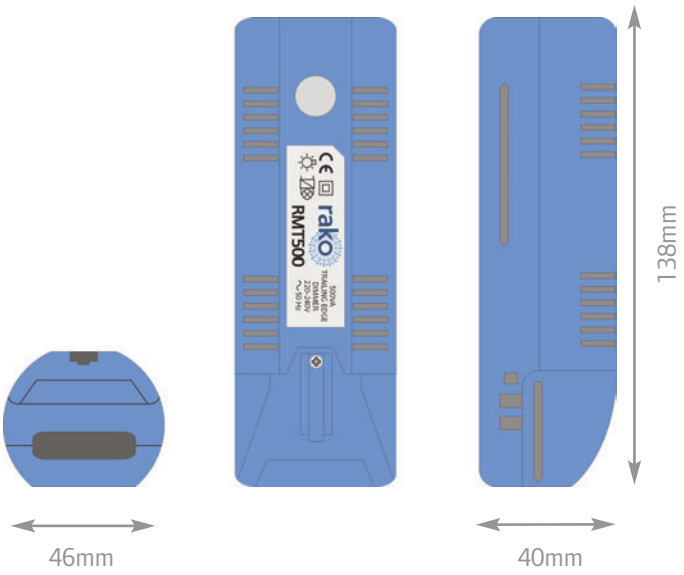
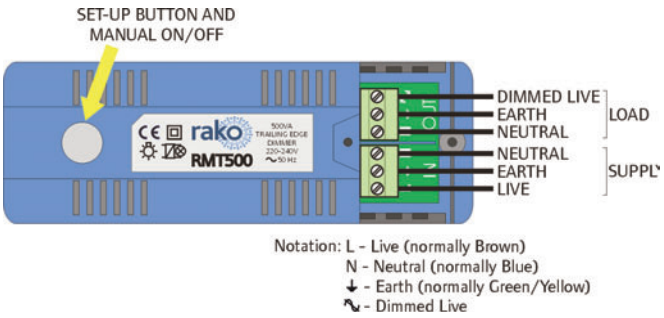
technical data

dimensions	138x46x40mm
input supply	230V AC +/-10% 50Hz
weight	120g
housing	UL V0 material
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	3 way screw terminals for mains power
protection	Auto resetting over current protection Auto thermal shutdown Voltage surge protection
load types	Mains Dimmable LEDs Incandescent mains voltage lamps Tungsten halogen GU10 lamps Trailing edge dimmable LV transformers Trailing edge dimmable cold cathode
minimum load	1w
maximum load	500VA refer to Rako when dimming GU10 style LEDs
terminal sizes	4mm2
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

mechanical data



connection details



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