

DATA SHEET

# RDT-PILL

## 250W BACK BOX DIMMER

### WHAT IS IT ?

A compact 250w RF dimmer designed to be located in a standard UK or European backbox.

The neutral less design allows for retrofit connection in standard wiring situations.

Trailing edge technology for quiet reliable dimming of tungsten GLS and tungsten halogen GU10 style lamps.

Controlled from any Rako RAKOM device or simple contact closure input using a momentary push switch.

The RDT-PILL dimmer is a 250w wall box mounting dimmer for tungsten GLS and tungsten halogen GU10



### FLEXIBLE CONTROL

Designed to fit in a standard UK or European back-box the RDT-PILL requires no neutral yet has full RF receiving capability and the same programmability as other Rako system components. The "PILL" dimmer is useful for installations where fitting a standard Rako dimmer is difficult e.g. retro-fitting to control wall-lights.

The "PILL" dimmer can be controlled from any Rako transmitter such as RCP wallpanels, RAH hand helds, timeclocks and forms an integral part of a Rako scene-set system. The "PILL" dimmer can also be controlled from a simple momentary action switch giving ON/OFF/Raise/Lower control allowing cost effective extra panels. Control from simple panels still allows the dimmer to be controlled as part of an overall house control system with master Off and macro command response.

DATA SHEET

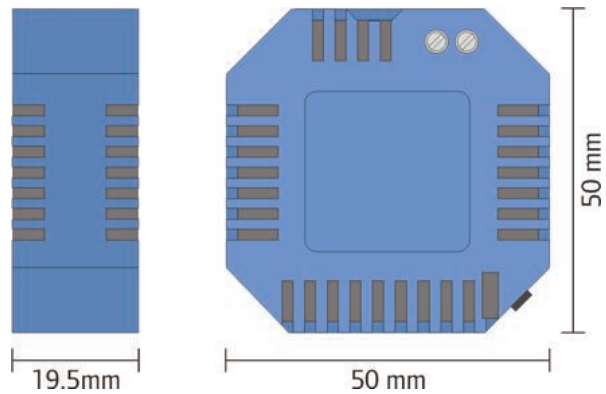
RDT-PILL

250W BACK BOX DIMMER

TECHNICAL DATA

DIMENSIONS	50x50x19.5mm
INPUT SUPPLY	230V AC +/-10% 50Hz
WEIGHT	46g
HOUSING	UL V0 material
CLIMATE RANGE	Temperature +2C to +40C Humidity +5% to 95% non condensing
CONNECTIONS	2 way screw terminal for mains power Molex 2 pin socket for auxiliary switch
PROTECTION	Auto resetting over current protection Auto thermal shutdown Voltage surge protection
LOAD TYPES	Incandescent mains voltage lamps Tungsten halogen GU10 lamps Not suitable for low voltage lamps
MINIMUM LOAD	60w
MAXIMUM LOAD	250w
TERMINAL SIZES	1.5mm <sup>2</sup> - Stranded 2.5mm <sup>2</sup> - Solid
STANDARDS	EMC - EN 5001-1 :1992 Immunity - EN 50082-1 :1997
COMMUNICATION	Rakom coded fm radio, 433.9MHz
MEMORY	Flash memory (non volatile)

MECHANICAL DATA



WIRING SCHEMATIC

