

Designed for installation on RCD / RCBO protected circuits, the T2202 is a thermally protected socket outlet which monitors the internal temperature. In the event that excessive heating occurs - as a result of a fault or an overload - the socket will automatically disconnect the electrical supply to prevent the risk of fire.



Integral thermal indicator on socket front plate which permanently changes colour to provide easy identification of any affected socket.

## DESCRIPTION

The Thermarestor System offers a significant step forward in the protection of electrical accessories from the effects of overheating.

The accessory range incorporates an intelligent Thermarestor device strategically located to sense abnormal rise of temperature. When the temperature of the integral component exceeds 80°C the device automatically operates the appropriate RCD or RCBO feeding the circuit, making the installation safe.

All T2XXX accessories must be used in conjunction with and RCD or RCBO and once operated the circuit cannot be re-energized until the fault has been identified.

## FEATURES

- Provides thermal protection for electrical accessories as part of a Thermarestor System
- Complies with BS 5733
- Quick and easy installation
- Operates at 80°C ± 5°C
- High reliability in normal temp range - only operating when temperature is excessive.
- Used in conjunction with Residual Current Devices

**Warning: Only to be installed on circuits protected by Residual Current Devices.**

## ACTIVE COMPONENT

Resistance value at open circuit 0°C to (TA – 15°C)	>10 GΩ @ 500 Vdc
Resistance value at closed circuit 0°C to (TA + 25°C)	> 2 kΩ @ 1 mA
Activation temperature (TA )	80°C ± 5°C
Max. continuous open circuit voltage (DC to 500 Hz)	277V
Normal ambient temperature range (open)	0°C to 50°C

## OUTLET BODY

Type	G
Switch Type	Single Pole
Dimensions	146mm x 86mm
Earth / CPC Connection	2

## WARRANTY

Warranty	10 Year (Limited)
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## ELECTRICAL TESTING

Thermarestor System Devices **DO NOT** need to be disconnected from the installation whilst insulation, loop impedance or RCD tests are carried out.

Thermarestor System components can only be Installed by electricians who have been 3rd party accredited, i.e. ECA, ELECSA, NICEIC and NAPIT.

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