

# RTS

## Room Thermostat Range

The RTS range of thermostats utilise electronic sensing to provide accurate temperature control. Six models are available to suit all domestic applications including frost protection and combi boilers.



RTS2  
Led Indicator

RTS3  
Frost Thermostat

### Models

- RTS1: Standard model
- RTS2: With LED 'ON' indicator
- RTS3: Frost thermostat
- RTS4: Volt-free contacts (Suitable for combi boilers)
- RTS9: Volt-free heating/cooling change over switch with call for heat LED indicator
- RTS10: Volt-free heating/cooling change over switch with call for heat LED indicator (Min-Max)

### Flexible Features

- Range limiting stops
- Set point locking
- Surface or conduit box mounting
- Double insulated

### Wiring:

Fig. 1 RTS1, RTS2, RTS3

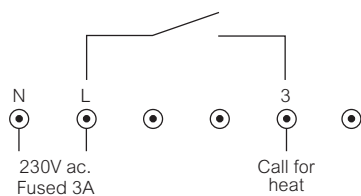
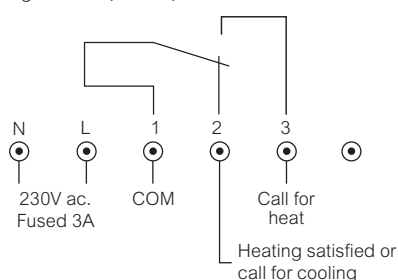


Fig. 2 RTS4, RTS9, RTS10



### Getting Technical

Model:	RTS
Power supply:	230V ac 50Hz fused 3A
230V ac 50Hz fused 3A	Double insulated (no earth required)
Switch rating:	2(1)A 230V a.c.
Switch type: RTS1, 2 & 3: RTS4, 9 & 10:	S.P.S.T S.P.D.T. Volt-free
Wiring:	Designed for fixed wiring only, to comply with current IET wiring regulations (BS7671).
Mounting:	Suitable for surface or conduit box mounting
Ambient temperature:	Operating 0°C to 40°C / Storage -20°C to 55°C
Ambient humidity (non condensing):	Operating 25% to 90% / Storage 15% - 95%
Temperature range: RTS1, 2, 4 & 9: RTS10: RTS3 (Frost):	10 to 30°C 14 to 30°C 3 to 10°C
Control accuracy: RTS1, 2, 4, 9 & 10: RTS3:	<0.6°C at 4%/hour 1°C typical
Ball pressure test:	75°C
Pollution degree:	2
Energy class:	I = 1% (Acc. EU 811/2013, 812/2013, 813/2013, 814/2013)
Relevant directives:	2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive 2011/65/EU RoHS Directive
Applied standards:	EN60730-1; EN60730-2-9

### RTS Room Thermostats

Product	Part No.	Product	Part No.
RTS1 SPST contacts	24001	RTS9 SPDT volt free +LED	24030
RTS2 SPST with LED indicator	24002	RTS10 SPDT volt free +LED (Min 14°C)	24031
RTS3 SPST frost thermostat	24003	RTS pattress	24022
RTS4 SPDT volt free contacts	24004		