

THERMOSTATS

BN Thermic offers a range of thermostats to meet the requirements of a wide range of commercial and industrial heating applications.

For tamperproof and vandal resistant thermostats please see our Hard Case range on page 51

RST-IN Thermostat for Comfort Heating Applications

Application

The RST-IN is a simple wall-mounted thermostat suitable for controlling a variety of space heaters

Specification

Adjustable Range	+5°C to +30°C
Mounting	Surface
Switching Capacity	10A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	230V
Contacts	Single pole, change over
Dimensions	74 x 74 x 23
Ingress protection:	IP30
Special Features	Integral heat anticipator improves control accuracy Adjustable range can be limited or locked



RST-EX Thermostat suitable for Damp Conditions

Application

The RST-EX has a high IP rating making it suitable for applications such as plant rooms and water treatment works

Specification

Adjustable Range	+5°C to +35°C
Mounting	Surface
Switching Capacity	15A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	None Required
Contacts	Single pole, change over
Dimensions	105 x 105 x 60
Ingress protection:	IP54



FST-IN Frost Thermostat

Application

The FST-IN will provide accurate control at low temperatures and is ideal for use with pipe freeze protection cables

Specification

Adjustable Range	-20°C to +30°C
Mounting	Surface
Switching Capacity	10A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	230V
Contacts	Single pole, change over
Dimensions	74 x 74 x 23
Ingress protection:	IP30
Special Features	Integral heat anticipator improves control accuracy Adjustable range can be limited or locked



FST-EX Frost Thermostat for Outdoor Use

Application

The FST-EX will provide accurate control at low temperatures and is ideal for use with pipe freeze protection cables. A high IP rating means that this device is suitable for outdoor use.

Specification

Adjustable Range	-20°C to +30°C
Mounting	Surface
Switching Capacity	10A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	230V
Contacts	Single pole, change over
Dimensions	125 x 125 x 75
Ingress protection:	IP65
Special Features	Integral heat anticipator improves control accuracy Adjustable range can be limited or locked Cover must be removed to allow set-point adjustment



PROSTAT-7 Programmable Thermostat

Application

By controlling both air temperature and the hours of operation, the PROSTAT-7 ensures maximum economy in a wide variety of commercial applications. A simple override facility provides a quick boost to comfort levels when the thermostat would normally be in set-back mode.

Specification

Adjustable Range	+5°C to +30°C
Mounting	Surface
Switching Capacity	6A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	3 x AA batteries (supplied)
Contacts	Single pole, change over
Dimensions	142 x 71 x 30
Ingress protection:	IP30
Special Features	Battery life in excess of 2 years Up to 6 programmable events per day Temporary temperature override until next preset period Temperature lock – permanent temperature override until reset



CONTROLS

Thermostats - Specifications

Model	Description	Dimensions (mm)		
		H	W	D
RST-IN	Room thermostat – general purpose 10A	74	74	23
RST-EX	Thermostat weather resistant (IP54) 15A	105	105	60
FST-IN	Frost thermostat – indoor use 10A	74	74	23
FST-EX	Frost thermostat – outdoor use (IP65) 10A	125	125	75
PROSTAT-7	7 day programmable thermostat using 3 x AA batteries (supplied) 8A	71	142	30