

### B16C – Basic Underfloor Heating Thermostat



Application	Underfloor heating
Adjustable Range	+5°C to +30°C
Mounting	Recessed into single-gang back box
Programmable Periods	5+2 or 7 days/4 events per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching Capacity	16A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 15mm (D) – when installed
Ingress protection	IP20
Special features	Optional open window detection Can be configured for 'air and floor sensor' or for 'floor sensor only' Back-lit screen

### T16C – Touchscreen Underfloor Heating Thermostat



T16R optional IP65 air sensor

Application	Underfloor heating
Adjustable Range	+5°C to +34°C
Mounting	Recessed into a single-gang back box
Programming Periods	7-day with no restriction of number of events per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	90mm (H) x 90mm (W) x 18mm (D) - when installed
Ingress protection	IP21
Special Features	Available in white, black or silver Can be configured for 'air and floor sensor' or 'floor sensor only' Screen colour can be changed Built-in energy use monitor Can be used with remote, wall mounted air sensor model T16R (IP65) Optional optimum start Optional open window detection

## W16C – Touchscreen/Wi-Fi Thermostat



Application	Underfloor heating
Adjustable Range	+5°C to +30°C
Mounting	Recessed into a single-gang box
Programmable Periods	5+2, 6+1 or 7 days/6 events per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching Capacity	16A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 16mm (D) when recessed
Ingress Protection	IP20
Special Features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection

## RAA21 – Basic Thermostat with frost setting



Application	Commercial and industrial heating
Adjustable range	+8°C to +30°C
Frost setting	+8°C
Mounting	Surface
Switching capacity	6A 230V
Voltage supply	230V
Contact	Single pole, double throw
Dimensions	96mm x 97mm x 35mm
Ingress protection	IP30
Special feature	Adjustable range can be reduced using setpoint limiters under the cover

### RST2-IN - Standard Room Thermostat



Application	Commercial heating
Adjustable Range	+5°C to +30°C
Mounting	Surface
Switching capacity	20A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	85mm x 85mm x 35mm
Ingress protection	IP30
Special features	Heat anticipator improves control accuracy

### RST-TP - Tamperproof Thermostat



Application	Commercial heating
Adjustable Range	+5°C to +30°C
Mounting	Surface
Switching capacity	20A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	85mm x 85mm x 35mm
Ingress protection	IP30
Special features	Concealed temperature adjustment Optional 'shear-off' cover fixing screws Heat anticipator improves control accuracy

### FST2-IN - Frost Thermostat (indoor)



Application	Frost protection
Adjustable Range	-15°C to +10°C
Mounting	Surface
Switching capacity	20A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	85mm x 85mm x 35mm
Ingress protection	IP30
Special features	Heat anticipator improves control accuracy



### FST2-EX - Frost Thermostat (outdoor)

Application	Frost protection
Adjustable Range	-15°C to +10°C
Mounting	Surface
Switching capacity	20A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Ingress protection	IP66
Special features	Heat anticipator improves control accuracy Supplied with 1 x M20 cable gland

## PROSTAT2 – Programmable Thermostat



Application	Programmable temperature control in commercial premises
Programming	7 day or 5 + 2 days
Adjustable Range	+5°C to +35°C
Mounting	Surface
Switching capacity	6A 230V
Voltage supply	2 x AA batteries (supplied)
Contacts	Single pole, change over
Dimensions	127mm x 81mm x 28mm
Ingress protection	IP30
Special features	Up to 6 programmable events per day Temporary temperature override until next pre-set period Temperature lock – permanent temperature override until reset Delayed start, optimum start, optimum stop options

## RD16 – Basic Programmable Thermostat (recessed)



CXS



BBS



CXSIP



BBSIP

Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Recessed into a single-gang back box
Programmable periods	5+2 or 7 days/4 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 15mm (D) – when installed
Ingress protection	IP20
Special features	Optional open window detection

## RT16 Programmable Wall-Mounted Thermostat 16A



CXS



BBS



CXSIP



BBSIP

Application	Commercial or industrial space heating
Adjustable Range	+1°C to +45°C (default +5°C to +30°C)
Mounting	Surface mount
Programmable Periods	5+2 or 7 days/4 events per day
Sensors	Integral air sensor (can be used with remote-mounted temperature sensor)
Switching Capacity	16A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	120mm (H) x 94mm (W) x 57mm (D)
Case	Die-cast aluminium
Ingress protection	IP20
Special features	Optional open window detection Can be used with remote, wall-mounted sensor Supplied with 2 x M20 cable glands

## RT26 Programmable Wall-Mounted Thermostat 26A



CXS



BBS



CXSIP



BBSIP

Application	Commercial or industrial space heating
Adjustable Range	+1°C to +45°C (default +5°C to +30°C)
Mounting	Surface mount
Programmable Periods	5+2 or 7 days/4 events per day
Sensors	Integral air sensor (can be used with remote-mounted temperature sensor)
Switching Capacity	26A 230V
Voltage Supply	230V
Contacts	Single pole single throw
Dimensions	125mm x 125mm x 90mm
Case	ABS Plastic
Ingress Protection	IP20
Special features	Optional open window detection Can be used with a remote, wall-mounted sensor Supplied with 2 x M20 cable glands



CXS



BBS



CXSIP



BBSIP



### WD16 – Touchscreen/Wi-Fi Thermostat (recessed)

Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Recessed into a single-gang back box
Programmable periods	5+2 or 7 days/6 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	86mm (H) x 86mm (W) x 16mm (D) – when installed
Ingress protection	IP20
Special features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection Supplied with 2 x M20 cable glands



CXS



BBS



CXSIP



BBSIP



### WT16 – Touchscreen/Wi-Fi Thermostat 16A

Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Surface mount
Programmable periods	5+2 or 7 days/6 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	120mm (H) x 94mm (W) x 57mm (D)
Case material	Die-cast aluminium
Ingress protection	IP20
Special features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection Supplied with 2 x M20 cable glands

## WT26 – Touchscreen/Wi-Fi Thermostat 26A



CXS



BBS



CXSIP



BBSIP



Application	Commercial and industrial space heating
Adjustable range	+5°C to +30°C
Mounting	Surface mount
Programmable periods	5+2 or 7 days/6 events per day
Sensor	Integral air sensor (optional remote sensors available)
Switching capacity	26A 230V
Voltage supply	230V
Contacts	Single pole single throw
Dimensions	125mm (H) x 125mm (W) x 90mm (D)
Case material	ABS plastic
Ingress protection	IP20
Special features	Free app for iOS or Android phone Can be used without app Back-lit screen Optional open window detection Supplied with 2 x M20 cable glands

### RST-HT High Temperature Room Thermostat



Application	Commercial and industrial heater control
Adjustable Range	+5°C to +50°C
Mounting	Surface mount
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Ingress Protection	IP66
Special features	Supplied with 2 x M20 cable glands

### PROSTAT3 Tamper-Resistant Industrial Thermostat



PROSTAT3



CXS



BBS



CXSIP



BBSIP

Application	Industrial heater control
Adjustable Range	0°C to +30°C
Mounting	Surface
Switching Capacity	32A 230V
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions (H x W x D)	140mm x 124mm x 75mm
Ingress Protection	IP65
Sensor	Integral 'black bulb'
Special Features	Can be use with remote-mounted temperature sensor BBS (black bulb standard) BBSIP (black bulb IP65) or CXS (standard air sensor) Optional open window detection Supplied with 2 x M20 cable glands

## PROSTAT4 Two-Temperature Tamper-Resistant Industrial Thermostat



PROSTAT4



CXS



BBS



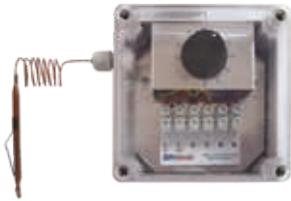
CXSIP



BBSIP

Application	Industrial heater control where two temperature settings are required (e.g. comfort and frost-protection settings)
Adjustable Range - Setting One (Default)	0°C to +20°C
Adjustable Range - Setting Two	10°C to +30°C
Switching Capacity	32A 230V
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions (H x W x D)	140mm x 124mm x 78mm
Ingress Protection	IP65
Sensor	Integral 'black bulb'
Three methods to select Temperature Setting Two	<ol style="list-style-type: none"> <li>1- Push button on front face of thermostat activates built-in run-down timer (0-7.5 hours)</li> <li>2- Remote-mounted push button (CS-5) activates built-in run-down timer (0-7.5 hours)</li> <li>3- Remote-mounted volt-free programmable timer (PROTIM-7)</li> </ol>
Built-in Run-Down Timer Programmable Delay	Up to 7.5 hours
Special Features	<p>Front panel light indicates when Temperature Setting Two selected</p> <p>Can be use with remote-mounted temperature sensor BBS (black bulb standard) BBSIP (black bulb IP65) or CXS (standard air sensor)</p> <p>Optional open window detection</p> <p>Supplied with 2 x M20 cable glands</p>

### THT Weatherproof Capillary Thermostat



Application	Control for pipe trace heating
Adjustable Range	+5°C to +50°C
Mounting	Surface mount or use THB pipe bracket (see page 15)
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Capillary Length	600mm approx. (including bulb)
Ingress Protection	IP66
Special features	Supplied with 2 x M20 cable glands

### THTEX ATEX Weatherproof Capillary Thermostat



Application	Control for pipe trace heating in hazardous areas
Equipment Protection Level	Gb (gas)
Zones	Zones 1 and 2 (gas)
Group	IIC
Temperature Class	T6
Adjustable Range	0°C to +40°C
Mounting	Surface mount or use THB pipe bracket (see page 15)
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, double throw (changeover)
Dimensions	130mm x 130mm x 90mm
Capillary Length	1600mm approx. (including bulb)
Cable Entries	2 x M20
Ingress Protection	IP66

### TXST-01 - ATEX Thermostat (hazardous gases only)



Approval	ATEX
Equipment Protection Level	Gb (gas)
Zones	Zones 1 and 2 (gas)
Group	Group IIC
Temperature Class	T6
Adjustable Range	0 to +40°C
Differential	4°C (+/- 2°C)
Temperature Sensing	Bulb and Capillary (stainless steel)
Cable Entries	2 x M20
Enclosure Material	Cast aluminium with black anodised finish
Mounting plate material	Stainless steel
Switching Capacity	16A 230V resistive load
Contacts	Single pole double throw (changeover)
Ingress protection	IP66
Dimensions	270mm (w) x 155mm (h) x 91mm (d)
Weight	5kg

### TXST-03 - ATEX Thermostat (hazardous gases and dusts)



Approval	ATEX
Equipment Protection Level	Gb (gas) Db (dust)
Zones	Zones 1 and 2 (gas) Zones 21 and 22 (dust)
Group	Group IIC (gas) Group IIIC (dust)
Temperature Class	T6
Adjustable Range	-20 to +40°C
Temperature Sensing	Stainless steel 316Ti capillary
Cable Entries	2 x M20
Certified Cable Glands	M20 x 1.5 with clamping range Ø 6-13mm M20 x 1.5 with clamping range Ø 7-17mm
Enclosure Material	Black polyester
Switching Capacity	16A 230V resistive load (break on rise/heating) 6A 230V resistive load (make on rise/cooling)
Contacts	Single pole double throw (changeover)
Ingress protection	IP65
Dimensions	106mm (w) x 200mm (h) x 90mm (d)
Weight	1.2kg
Special Feature	Viewing window to check set-point