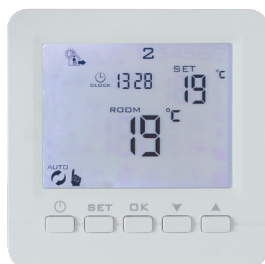
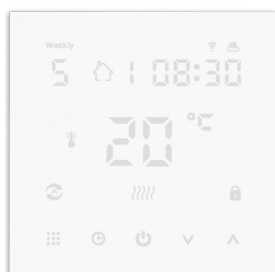


## B16C – Basic Underfloor Heating Thermostat



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', 'floor sensor only' or 'air sensor only' Back-lit screen

## 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

## T16C - Touchscreen Underfloor Heating Thermostat



CXSIP 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	<p>Available in white or black</p> <p>Can be configured for 'air and floor sensor' or 'floor sensor only'</p> <p>Screen colour can be changed</p> <p>Built-in energy use monitor</p> <p>Can be used with remote, wall mounted air sensor model CXSIP (IP65)</p> <p>Optional optimum start</p> <p>Optional open window detection</p>

## 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	None required
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

## RST3-IN - Standard Room Thermostat



Application	Commercial heating
Adjustable range	+5°C to +35°C
Mounting	Surface
Switching capacity	16A 230V
Voltage supply	None required
Contacts	Single pole, single throw
Dimensions	83mm x 83mm x 35mm
Ingress protection	IP30
Special features	Gas bellow/membrane improves control accuracy

## RST3-TP - Tamper-Resistant Room Thermostat



Application	Commercial heating
Adjustable range	+5°C to +35°C
Mounting	Surface
Switching Capacity	16A 230V
Voltage Supply	None required
Contacts	Single pole, single throw
Dimensions	83mm x 83mm x 45mm
Ingress protection	IP30
Special features	Gas bellow / membrane improves control accuracy Tamper resistant cover

## RST-RS - Rough Service Thermostat



Application	Industrial Heating
Adjustable range	+5°C to +30°C
Mounting	Surface
Tamper resistant	Yes - RST-RS No - RST-RSK
Switching capacity	20A 230V
Voltage supply	Non required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm (92mm high - RST-RSK)
Special features	Supplied with 2 x M20 cable glands

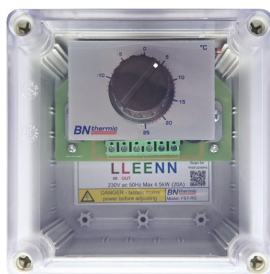
Model	Tamperproof
RST-RS	YES
RST-RSK	NO

## FST3-EX - Frost Thermostat (outdoor)



Application	Frost Protection
Adjustable range	-12°C to +26°C
Mounting	Surface
Tamper resistant	Yes
Switching capacity	20A 230V
Voltage supply	None required
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm
Ingress protection	IP66
Special features	Supplied with 1 x M20 cable gland

## FST-RS - Rough Service Frost Thermostat (indoor)



Application	Frost Protection
Adjustable Range	-12°C to +26°C
Mounting	Surface
Tamper resistant	Yes - FST-RS No - FST-RSK
Switching Capacity	20A 230V
Contacts	Single pole, single throw
Dimensions	125mm x 125mm x 75mm (92mm high - FST-RSK)
Ingress protection	Indoor use only
Special features	Supplied with 2 x M20 cable glands

Model	Tamperproof
FST-RS	YES
FST-RSK	NO

## 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



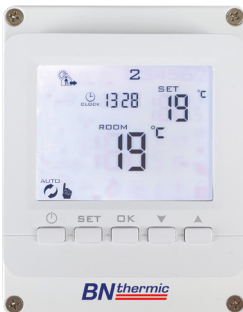
CXSIP



BBSIP

Application	Commercial and industrial space heating
Adjustable range	+1°C to +45°C (default +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



CX5



BBS



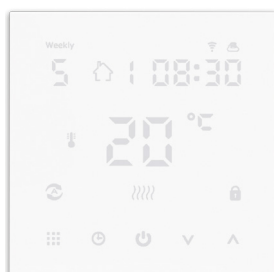
CX5IP



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

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



CX5



BBS



CX5IP



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/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



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



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	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, Tamper resistant



**PROSTAT3**



**CXS**



**BBS**



**CXSIP**



**BBSIP**

### PROSTAT3 Tamper-Resistant Industrial Thermostat

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



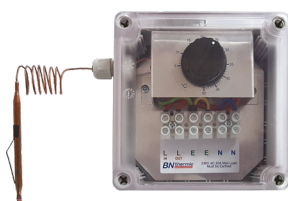
CXSIP



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
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



Need assistance selecting the right control system for your project?  
Contact us today for expert advice on 01293 547 361.

**NEW**

## RST-RSC - Tamper-Resistant Change Over Thermostat



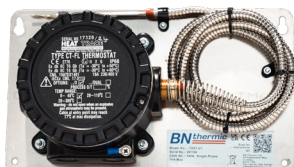
Application	Industrial Heating / Cooling
Adjustable range	+5°C to +30°C
Mounting	Surface
Tamper resistant	Yes
Switching capacity	230V 20A (Resistive Load) 10A (Inductive)
Voltage supply	230V
Contacts	Single pole, Double throw (Heating or cooling changeover)
Dimensions	125mm x 125mm x 75mm
Special features	Supplied with 2 x M20 cable glands

**NEW**

## RST-RSCK - Industrial Change over Thermostat



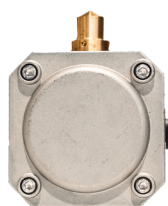
Application	Industrial Heating / Cooling
Adjustable range	+5°C to +30°C
Mounting	Surface
Tamper resistant	No
Switching capacity	230V 20A (Resistive Load) 10A (Inductive)
Voltage supply	230V
Contacts	Single pole, Double throw (Heating or cooling changeover)
Dimensions	125mm x 125mm x 92mm
Special features	Supplied with 2 x M20 cable glands



## TXST-01

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 single throw
Ingress protection	IP66
Dimensions	270mm (w) x 155mm (h) x 91mm (d)
Weight	5kg

**NEW**



## TXT-01

Approval	ATEX and IECEx
Equipment	Protection Level Gb (gas)
Zones	Zones 1 and 2 (gas)
Group	Group IIA, IIB, IIC
Temperature	Class T6
Adjustable Range	0 to +40 °C
Differential	4 °C (+/- 2 °C)
Cable Entries	2 x M20
Enclosure Material	Cast stainless steel with brass sensor
Switching Capacity	20A 230V resistive load
Contacts	Single pole double throw (change over)
Ingress protection	IP66
Dimensions	106mm (w) x 136mm (h) x 56mm (d)



## OUH3-DT

Application	Controlling OUH3 Industrial heaters
Adjustable Range	+5°C to 30°C
Mounting	Surface
Programmable Periods	7 Day, 6+1 Day or 5+2 Day (Default 5+2 Day)
Temperature Sensor	Internal air sensor
Remote Sensors (If required)	CXS, CXSIP, BBS and BBSIP (IP versions are IP65 rated)
Display	LCD + back light that operates when any button is pressed
Voltage Supply	230V (Fed from a 3A fused supply inside OUH3 Heater) (Battery back-up for settings)
Mode Switch	Heat / Off / Fan Only (Heat only on when thermostat allows)
Dimensions	125mm (H) x 132mm (W) x 90mm (D).
Case	ABS Plastic
Special Features	Facility for locking all thermostat buttons or all thermostat buttons except "On / Off" button. Supplied with 2 x M20 Cable Glands



## OUH3-WIFI

Application	Controlling OUH3 Industrial heaters
Adjustable Range	+5°C to 30°C
Mounting	Surface
Programmable Periods	5+2 Day or 7 Days/6 events per day
Temperature Sensor	Internal air sensor
Remote Sensors (If required)	CXS, CXSIP, BBS and BBSIP (IP versions are IP65 rated)
Display	Touch Screen + back lit screen
Voltage Supply	230V (Fed from a 3A fused supply inside OUH3 Heater)
Mode Switch	Heat / Off / Fan Only (Heat only on when thermostat allows)
Dimensions	125mm (H) x 132mm (W) x 90mm (D).
Case	ABS Plastic
Special Features	Free app for iOS or Android phone Can be used without app Supplied with 2 x M20 Cable Glands

## CX1 - Controller with thermostat



**CX1**  
with thermostat



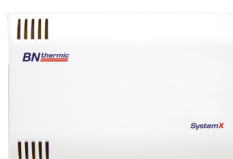
**CX2**  
with tamper  
resistant thermostat



**CX3**  
without thermostat



**CX6**  
Programmable  
Controller



**CX-BMS**  
Module



**CXS/CXSIP**  
optional remote  
sensor for CX1, CX2  
or CX6

For use with	All heaters in System X range in any sequence
Maximum no. of heaters controlled	12
Thermostat range	5° to 30° C
Settings	on/off/high heat/low heat/fan only (summer use)
Connection to first heater	Cat5 cable
Mounting	Surface
Dimensions	120mm x 80 x 40mm
Special Feature	Open window detection

## CX2 - Controller with tamper-resistant thermostat

As CX1 except	Thermostat is tamper-resistant
Special Feature	Open window detection

## CX3 - Controller without thermostat

As CX1 except	Without built-in thermostat or open window detection
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## CX6 - Programmable Controller

As CX1 except	7 day or 5 + 2 days programming
	Up to 6 programmable events per day
	Temporary temperature override until next pre-set period
	Temporary lock - permanent temperature override until reset
	Optimum start for enhanced economy (user selectable)
	Button lock to prevent unauthorised adjustment
	Back light (switches off automatically after programming or adjustment)

## CX-BMS - Connects SystemX to a BMS

As CX1 except	Without built-in thermostat or open-window detection
	Switches heaters on and off as directed by signal from BMS
	Requires volt-free signal (for a 230V signal a VI interface is required - see page 143)

## CXS - Optional Remote Sensor with IP rated option

Can be used with	CX1, CX2, CX6 and other BN Thermic control systems
Mounting	Surface
Dimensions	80mm x 80 x 34mm
Ingress protection	Standard model: IP 20 CXSIP: IP65