A16C - Manual thermostat

Application	Underfloor heating
Adjustable Range	+5°C to +30°C (manual adjustment)
Mounting	Recessed into a single-gang back box
Sensors	Integral air sensor with floor sensor supplied as standard
Switching capacity	15A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	82mm (H) x 78mm (W) x 17mm (D) - when installed
Ingress protection	IP20
Special features	Manual on/off switch Can be configured for 'air and floor sensor' or 'floor sensor only'

U16C - Programmable thermostat

Application	Underfloor heating
Adjustable Range	+5°C to +30°C
Mounting	Recessed into a single-gang back box
Programming Periods	7-day/4 per day
Sensors	Integral air sensor with floor sensor supplied as standard
Switching capacity	15A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	82mm (H) x 78mm (W) x 17mm (D) - when installed
Ingress protection	IP20
Special Features	Can be configured for 'air and floor sensor' or 'floor sensor only' Back-lit screen Summer switch (switches off heating but retains programme) Optimum start

T16C - Touchscreen programmable thermostat

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) Optimum start Open window detection

T16R optional
IP65 air sensor

CONTROLS

new

B16C – Basic Programmable thermostat

Application	Underfloor heating and general space heating
Adjustable Range	+5°C to +30°C
Mounting	Recessed into single-gang back box
Programmable Periods	5+2 or 7 days/4 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	Open window detection Can be configured for 'air and floor sensor' or for 'floor sensor only' Back-lit screen

WST-1 - Wireless thermostat

Application	Underfloor heating and general commercial and domestic heating
Use with	WSB-1 relay boxes
Adjustable Range	+5°C to +37°C
Mounting	Surface mount or rest on stand provided
Programming Periods	Weekly in 30 minute periods
Sensor	Integral air sensor
Voltage supply	2 x AAA batteries (provided)
Number of WSB-1 relay boxes controlled	4 maximum
Ingress protection	IP30
Special Features	Keyboard lock function Low battery indication Frost protection (holiday) mode Temporary override when used with WSP-1 wireless central programmer Open window detection

WSB-1 - Wireless relay box

Application	Underfloor heating and general commercial and domestic heating
Use with	WST-1 wireless thermostat
Mounting	Recessed into a single-gang back box
Sensor	Floor probe (when used with underfloor heating)
Switching capacity	16A 230V
Voltage supply	230V
Contacts	Single pole, single throw
Dimensions	90mm (H) x 90mm (W) x 24mm (D) - when installed
Ingress Protection	IP20 (see special features)
Special features	Ingress protecting improved to IP21 when clip provided is fitted

WSP-1 - Wireless central programmer

Application	Underfloor heating and general commercial and domestic heating
Use with	WST-1 wireless thermostat and WSB-1 wireless relay boxes
Adjustable Range	+5°C to +37°C
Mounting	Recessed into a single-gang back box
Programming Periods	7-day with no restriction of number of events per day
Voltage supply	230V
Dimensions	90mm (H) x 90mm (W) x 18mm (D) - when installed
Number of heating zones controlled	24 maximum
Ingress protection	IP21
Special Features	Individual zones (rooms) can be renamed and numbered
	Frost protection (holiday) mode
	Energy use monitor

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

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

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, change over
Dimensions	85mm x 85mm x 35mm
Ingress protection	IP30
Special features	Heat anticipator improves control accuracy

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	IP65

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, change over
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, change over
Dimensions	125mm x 125mm x 75mm
Ingress protection	IP65
Special features	Heat anticipator improves control accuracy

new

CXS

BBS

RT16 Programmable Wall-Mounted Thermostat 16A

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 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	Open window detection Can be used with remote, wall-mounted sensor

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 17)
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	IP65

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 17)
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	IP55

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)

new

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	View window to check set-point