







	Product #	Description
	A19QSC-1C	Freeze protection NEMA 4X ambient or line sensing thermostat temperature control 120-277V, 22A, SPST c/w with 10' (3 m) capillary
	A19QSC-2C	NEMA 4X electro-mechanical thermostat with 10' (3 m) capillary 22 Amp., 120/240V
	A19QSC-4C	NEMA 4X electro-mechanical thermostat with 20' (6 m) capillary 22 Amp., 120/240V
	A421ABC-02C	NEMA 1 electronic thermostat in thermoplastic 1P20 housing with 6' (1.8 m) capillary 10 Amp., 120/240V
	A421ABC-06C	NEMA 1 electronic thermostat with 19.5' (6 m) capillary 10 Amp., 120/240V
	A421AEC-02C	NEMA 4X electronic thermostat with 6' (2 m) capillary 10 Amp., 120/240V
	A99BB-600C	Silicone PTC temperature sensor c/w 19.7' (6 m) PVC cable -40 °C to 105 °C for A421 series thermostat
	A99BC-1500C	Silicone PTC temperature sensor c/w 49' (15 m) PVC cable -40 °C to 105 °C for A421 series thermostat

	Product #	Description
	ELTC-14-RTD	Digital temperature control 20A at 90-260V, including 3-wire RTD (Pt-100) sensing element is 5 x 50 mm with 5 m of fluoropolymer lead wires, range 0 °C to 250 °C (32 °F to 482 °F) Suitable for used with GFEP panels

	Product #	Description
	S1-A	NEMA 4X IP67 electronic single point line sensing heat trace controller 100-277V, 30A c/w built-in 30 mA GFEP and 20' (6 m) lead, 10k ohms thermistor, Wi-Fi, Ethernet, Modbus and BACnet ¹ capabilities
	S1-B	NEMA 4X IP67 electronic single point line sensing heat trace controller 100-277V, 30A c/w built-in 30 mA GFEP and 20' (6 m) lead, 10k ohms thermistor, Wi-Fi, Ethernet capabilities
	GATEWAY-PCKG	24VDC BACnet gateway assembly with power supply NEMA 4X enclosure with 24VDC transformer for S1 Series
	GATEWAY	24VDC BACnet gateway stand alone for S1 Series

¹ BACnet IP or MS/TP available via preconfigured SMC gateway, sold separately.

	Product #	Description
	FPT-130	NEMA 4X IP66 mechanical single point line sensing heat trace controller 100-277V, 30A c/w built-in 30 mA GFEP and 20' (6 m) lead, 100k Ohms at 25 °C (77 °F) thermistor Range -40 °C to 110 °C (-40 °F to 230 °F)
	GPT-130	NEMA 4X IP66 electronic single point line sensing heat trace controller 100-277V, 30A c/w built-in 30 mA GFEP and 20' (6 m) lead, 100k Ohms at 25 °C (77 °F) thermistor Range -40 °C to 110 °C (-40 °F to 230 °F)
	GPT-230	NEMA 4X IP66 electronic dual point line sensing heat trace controller 100-277V, 2X 30A c/w built-in 30 mA GFEP and 2X 20' (6 m) lead, 100k Ohms at 25 °C (77 °F) thermistor Range -40 °F to 110 °C (-40 °C to 230 °F)

	Product #	Description														
	E100-13545	<p>Nema 4X epoxy painted die cast aluminum line sensing thermostat 120-480V, 22A, SPDT c/w 10' (3 m) stainless steel capillary</p> <p>Range -3.8 °C to 162.7 °C (25 °F to 325 °F)</p>														
	B100-13546	<p>Nema 4X epoxy painted die cast aluminum ambient sensing thermostat 120-480V, 22A, SPDT c/w stainless steel stem sensor</p> <p>Range -40 °C to 71 °C (-40 °F to 160 °F)</p>														
	E121-13273	<p>Explosion-proof NEMA 4X 7, 9 and IP66 epoxy painted die cast aluminum line sensing thermostat temperature control 120-480V, 22A, SPDT c/w 10' (3 m) stainless steel capillary</p> <p>Range -3.8 °C to 162.7 °C (25 °F to 325 °F)</p> <table border="1" data-bbox="878 877 1378 1108"> <thead> <tr> <th colspan="2">Approvals</th> </tr> </thead> <tbody> <tr> <td>UL</td> <td>CSA / FM</td> </tr> <tr> <td>Class I, Division 1 & 2</td> <td>Class I, Division 1 & 2</td> </tr> <tr> <td>Grps. B, C & D</td> <td>Grps. B, C & D</td> </tr> <tr> <td>Class II, Division 1 & 2</td> <td>Class II, Division 1 & 2</td> </tr> <tr> <td>Grps. #, F & G</td> <td>Grps. E, F & G</td> </tr> <tr> <td></td> <td>Class III, Division 1 & 2</td> </tr> </tbody> </table>	Approvals		UL	CSA / FM	Class I, Division 1 & 2	Class I, Division 1 & 2	Grps. B, C & D	Grps. B, C & D	Class II, Division 1 & 2	Class II, Division 1 & 2	Grps. #, F & G	Grps. E, F & G		Class III, Division 1 & 2
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	B121-13272	<p>Explosion -proof NEMA 4X 7, 9 and IP66 epoxy painted die cast aluminum ambient sensing thermostat temperature control 120-480V, 22A, SPDT c/w stainless steel stem</p> <p>Range -9 °C to -60 °C (15 °F to 140 °F)</p> <table border="1" data-bbox="878 1297 1378 1528"> <thead> <tr> <th colspan="2">Approvals</th> </tr> </thead> <tbody> <tr> <td>UL</td> <td>CSA / FM</td> </tr> <tr> <td>Class I, Division 1 & 2</td> <td>Class I, Div. 1 & 2</td> </tr> <tr> <td>Grps. B, C & D</td> <td>Grps. B, C & D</td> </tr> <tr> <td>Class II, Division 1 & 2</td> <td>Class II, Div. 1 & 2</td> </tr> <tr> <td>Grps. #, F & G</td> <td>Grps. E, F & G</td> </tr> <tr> <td></td> <td>Class III, Div. 1 & 2</td> </tr> </tbody> </table>	Approvals		UL	CSA / FM	Class I, Division 1 & 2	Class I, Div. 1 & 2	Grps. B, C & D	Grps. B, C & D	Class II, Division 1 & 2	Class II, Div. 1 & 2	Grps. #, F & G	Grps. E, F & G		Class III, Div. 1 & 2
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	ECA-E55-R25HT	<p>SPDT, NEMA 4X thermostat in molded aluminum housing, 22A at 120/250/480V, with 10' (3 m) stainless steel bulb and capillary</p> <p>Requires a ground fault circuit interrupter (GFCI) in the electrical panel</p>														



TraceMate™

Advanced NEMA 4X steel, powder coat painted electronic controller. Designed for indoor or outdoor use in non-hazardous and hazardous areas c/w built-in GFEP.

CSA C US
Class I, Division 2, Groups A, B, C, D
Class I, Zone II, Groups IIC

Temperature range -50 °C to 500 °C (-58 °F to 932 °F)
Operating range -40 °C to 50 °C (-40 °F to 122 °F)
LCD Display operating range -20 °C to 50 °C (-4 °F to 122 °F)

Product #	Description
TM-1SIH1-E5-RTD-A1	TraceMate™ I GFCI electronic thermostat for single circuit at 120V, 30A
TM-1DIH2-E5-RTD-A1	TraceMate™ I GFCI electronic thermostat for single circuit at 240/208V, 30A
TM-2SIH1-E5-RTD	TraceMate™ II GFCI electronic thermostat for dual circuit at 120V, 2 x 30A
TM-2DIH2-E5-RTD-208-240	TraceMate™ II GFCI electronic thermostat for dual circuit at 240/208V, 2 x 30A

MasterTrace¹



Advanced NEMA 4X steel, powder coat painted electronic controller. Designed for use in non-hazardous and hazardous areas c/w built-in GFEP, RS485 type with Modbus © RTU protocol, comes with a 9 tactile keys, polyester faceplate and LCD display.

CSA C US
Class I, Division 2, Groups A, B, C, D
Class I, Zone II, Groups IIC
Class II, Division 2, Groups F & G
Class III

Temperature range -50 °C to 500 °C (-58 °F to 932 °F)
Operating range -40 °C to 50 °C (-40 °F to 122 °F)

Product #	Description
MS-2101	MasterTrace single circuit electronic GFCI controller with double pole, 85V to 300V, 30A, with user interface
MS-2101-E3	MasterTrace single circuit electronic GFCI controller with double pole, 85V to 300V, 30A, with user interface, stainless steel housing
MS-2102	MasterTrace double circuit electronic GFCI controller with single pole, 120V or 277V, 2 x 30A, with user interface
MS-2102-E3	MasterTrace double circuit electronic GFCI controller with single pole, 120V or 277V, 2 x 30A, with user interface, stainless steel housing
RTD-7	RTD probe for MasterTrace controller

¹ Multi-circuit custom MasterTrace control panels are available upon request.