


	Controller	TraceMate™	TraceMate II-CTR	MS-2101	MS-2102	MasterTrace
Control Points (circuits)		1	2	1	2	Multiple
Current Rating (amperage)	Standard max current per circuit	30 Amps	30 Amps	30 Amps	30 Amps/100A max	30 Amps/100A max
Switching (number of poles)	Single-pole switching	yes	yes	yes	yes	yes
	Dual-pole switching	yes	yes	yes	optional	yes
	Three-pole switching	no	no	no	optional	yes
Heat Trace Voltage	Heat Trace Voltage 120-277Vac	yes	yes	yes	yes (see note 2)	yes
	Heat Trace Voltage 347-600Vac	no	no	no	optional	yes
Temperature Inputs	Single RTD per circuit	yes	yes	yes	yes	yes
	Dual-RTD per circuit	no	optional	yes	optional	optional
	Thermocouple per circuit	no	no	no	no	optional (J, K, T)
	RTD sampler (hard-wired)	no	no	no	no	optional
	RTD sampler (wireless)	no	no	no	no	optional
Alarm Options	Front panel visual alarm indicator	LED	LCD	LCD & LED	LCD & LED	LCD & LED
	Dry alarm contact	yes	yes	yes	yes	yes
	DC alarm contact	no	no	yes	yes	yes
	Internal LED alarm type indicator	yes	yes	no	no	no
Communication Options	Modbus RTU communications	no	no	yes	yes	yes
	Modbus TCP communications	no	no	optional	optional	optional
	BACNet communications	no	no	optional	optional	optional
	Fibre-optic communications	no	no	optional	optional	optional
Enclosure	ype-4 painted steel	no	yes	no	no	yes
	Type-4X painted steel	yes	no	yes	yes	no
	Type-4X stainless steel	optional	optional	optional	optional	optional
	Type-4X aluminum	no	no	no	no	optional
	Type-4X FRP	no	no	no	no	optional
Interface	Dip switch + jumper	yes	yes	no	no	no
	Keypad	no	no	yes	yes	yes
	Liquid crystal display	no	yes	yes	yes	yes
	Vacuum fluorescent display	no	no	no	no	optional
Environment	Supervisory Windows software	yes	yes	yes	yes	yes
	Operating range	-40C to +50C	-40C to +50C	-40C to +50C	-40C to +50C	-40C to +60C
	Ordinary locations	yes	yes	yes	yes	yes
	Class I, Division 2, Groups ABCD	yes	yes	yes	yes	yes
Approvals	Class I, Zone 2, Groups IIC	yes	yes	yes	yes	yes
		yes	yes	yes	yes	yes
Note 1: MasterTrace products are based on 5 and 10 circuit control module platforms multiples of which can be arranged in a single enclosure						
Note 2: 208-240V dual pole MS-2102 model is a made-to-order item						