

Thermostats Selection Guide

Ordinary (Unclassified) Area			
Temperature Range ° C (° F)	Primary Uses	Features	Maximum Bulb Temp. ° C (° F)
4.4 (40)	Economical pipe sensing temperature control.	Fixed adjustment NEMA 4X, IP66 corrosion resistant, watertight, non-metallic enclosure	71 (160)
-4-163 (25-325)	Corrosive pipe sensing applications for freeze protection and process maintenance piping.	Internal adjustment NEMA 4X, IP66 epoxy coated metal enclosure Ambient compensated	215 (420)
-4-163 (25-325)	Corrosive pipe sensing applications for freeze protection and process maintenance piping. Designed to break both legs of a phase-to-phase heating circuit. Relay coil is powered by heater supply voltage.	Internal adjustment NEMA 4X, IP66 epoxy coated metal enclosure Ambient compensated	215 (420)
160-315 (320-600)	Corrosive pipe sensing applications for freeze protection and process maintenance piping.	Internal adjustment NEMA 4X, IP66 epoxy coated metal enclosure Ambient compensated	340 (650)
0-538 (32-1000)	Use for high temperature piping on freeze protection and process maintenance applications. Use when probe length exceeds 10 ft. - probe can be remote mounted with additional wiring to control unit - such as elevated piping where ground level control is desired.	Internal adjustment NEMA 4X, IP66 corrosion resistant, watertight, non-metallic enclosure Type J thermocouple electronic temperature control Requires 120 Vac control power NEMA 4, IP66 watertight metal enclosure available on special order	593 (1100)
-9-60 (15-140)	Used to turn heat trace system/cables on when ambient temperature goes below freezing. Can be used in ordinary (unclassified) and corrosive environments.	Internal adjustment NEMA 4X, IP66 epoxy coated metal enclosure	71 (160)
N.A.	Contactor for use when current ratings of the above thermostat switches are exceeded - use with thermostat.	50 amp, 600 volt, 3-pole contactor NEMA 4X, IP66 corrosion resistant, watertight, non-metallic enclosure Specify coil voltage Use with thermostat for temperature control NEMA 4 watertight metal enclosure available on special order	N.A.

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Capillary					
Switch	Material	Length M (Ft)	Approvals/Classifications		Catalog No.
22A/250V SPST Leads	Tin Plated Copper	0.91 (3.0)	UL CSA CE	Ordinary Locations Ordinary Locations Ordinary Locations	TF4X40
22A/480V SPDT	Stainless Steel	3.0 (10.0)	UL CSA CE	Ordinary Locations Ordinary Locations Ordinary Locations	TH4X325
22A/240V DPST 208-240 Coil Voltage	Stainless Steel	3.0 (10.0)	UL CSA CE	Ordinary Locations Ordinary Locations Ordinary Locations	TH4X325-2
22A/480V SPDT Terminals	Stainless Steel	3.7 (12.0)	UL CSA CE	Ordinary Locations Ordinary Locations Ordinary Locations	TH4X600
8A/240V SPST Terminals	Alloy 825	3.0 (10.0)	UL FM CSA	Ordinary Locations Ordinary Locations Ordinary Locations	TE4X60
22A/480V SPDT Terminals	Stainless Steel	N.A.	UL CSA CE	Ordinary Locations Ordinary Locations Ordinary Locations	TA4X140
50A/600V TPST Terminals	N.A.	N.A.	FM CSA	Ordinary Locations Ordinary Locations	HC4X50