ITC1 & ITC2
Digital Heat Trace Controller
1 & 2 Circuit *(cont'd.)*

Dimensions

		H	W	D	F	B	M
316 SS Enclosure	Inch	11.8	9.9	7.6	0.7	1.8	3.0
	cm	30.2	25.1	19.4	1.7	4.4	7.6
Fiberglass Enclosure	Inch	10.3	8.5	8.0	1.2	1.8	3.0
	cm	26.2	21.3	19.7	3.2	4.4	7.6

Top View   *Front View*   *Side View*
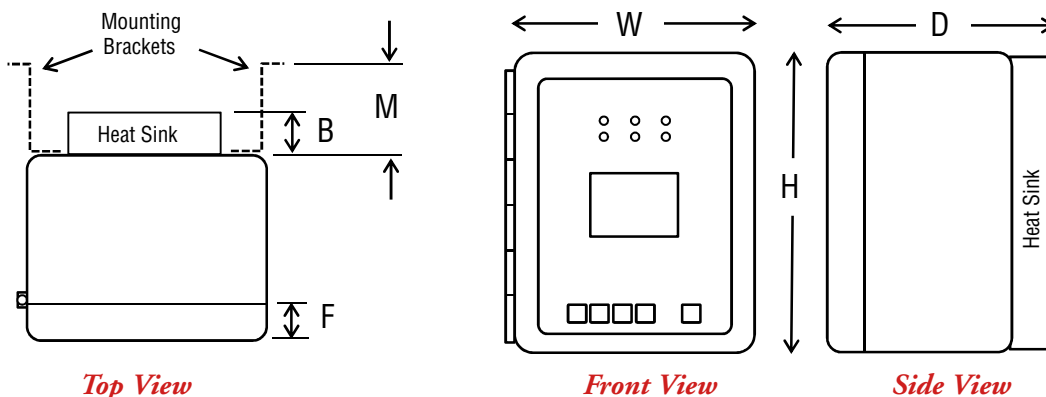
Ordering Information

To Order — *Complete the Model Number using the Matrix provided.*

Model Product Description

ITC The Chromalox ITC series IntelliTRACE Controller will control 1 or 2 circuits and is designed for industrial Heat Trace Line and/or Ambient Sensing applications in Non-Hazardous or Hazardous (Class I, Division 2) areas. The ITC is a wall mounted device that operates at 100-277 VAC and rated at 40A per circuit in a -40°F to 104°F (-40°C to 40°C) Ambient. Standard features: NEMA 4X FG enclosure, 3.5" High Resolution TFT Display with integral display heater, front panel capacitive touch switches & LED Indication of Power, Load & Alarm. ON/OFF, PID or Manual SSR power control with a selectable Soft Start program. The ITC accepts up to 2 RTD sensors per circuit for Ambient and/or Line Sensing applications. With multiple sensors, output behavior is based on min, max, average temperature or as 2-circuit ambient sensing control from a single RTD. Other standard features include: 2 x common alarm outputs (1 x AC, 1 x DC), Alarms for Low/High Temperature & Current, GFEP (Ground Fault Equipment Protection) & Sensor Failure, ModBus RTU/RS485 (or /RS422) Communications and user selectable manual output on failed sensor. 16 gage Stainless Steel wall mounting brackets are included. UL/cUL & CE Optional features include: NEMA 4X 316 SS Enclosure, ModBus TCP/Ethernet, Webserver/Ethernet or BACnet communications. Standard 1 year warranty.

Code	Number of Circuits
1	1 Circuit
2	2 Circuits

Code	Communications
0	ModBus RTU/RS485 (& RS422)
1	ModBus TCP/Ethernet
2	Webserver/Ethernet
3	BACnet/Ethernet
9	Other Communications

Code	Enclosure	Enclosure Size H x W x D, In (cm)
0	NEMA 4X Fiberglas	10 x 8 x 8 (25 x 21 x 20)
1	NEMA 4X 316 SS	12 x 10 x 8 (30 x 25 x 19)

Code	Add to Complete Model Number
0	

ITC	2-	0	0	0	Typical Model Number

Note: The ITC comes complete with one set of 16 gauge stainless steel wall mounting brackets.

Model	Description	PCN	Model	Description	PCN
ITC1-000	ITC 1 Loop, FG ENC, RS485	316101	ITC1-010	ITC 1 LOOP, SS ENC, RS485	316494
ITC2-000	ITC 2 Loop, FG ENC, RS485	316110	ITC2-010	ITC 2 LOOP, SS ENC, RS485	316507
ITC1-100	ITC 1 Loop, FG ENC, Ethernet	316128	ITC1-110	ITC 1 LOOP, SS ENC, Ethernet	316929
ITC2-100	ITC 2 LOOP, FG ENC, Ethernet	316136	ITC2-110	ITC 2 LOOP, SS ENC, Ethernet	316937

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