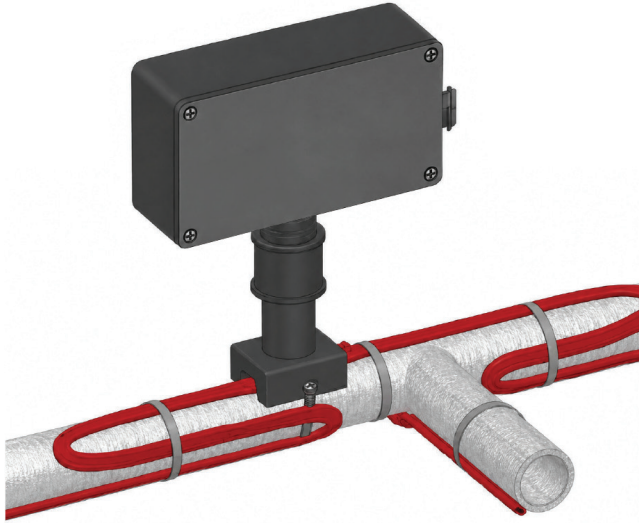


PRODUCT OVERVIEW



The Chromalox® UMC multiple entry power connection kit is a NEMA 4X, IP66 rated junction box designed to connect SRL, SRP, SRM/E and CWM heat tracing cables to customer supplied wiring for freeze protection, piping process temperature maintenance, and fluid flow and viscosity maintenance applications. The box provides water resistant cable entry, enclosure support, terminal block and a water resistant, corrosion-resistant wiring enclosure. In addition to splicing or teeing cables, this model can be used to provide power connection to up to three cables from one connection kit and is approved for ordinary and hazardous area locations. The enclosure molded of durable, high performance engineering thermoplastic characterized by outstanding high temperature stability, inherent flame resistance, and a broad range of chemical resistance in addition to high mechanical strength, impact resistance, and electrical insulation, with its high arc resistance and low arc tracking. A pipe strap (Chromalox PS series) is required to attach this model to a pipe. Small pipe adapter is available for pipe sizes less than 1½ inch (38 mm).

DESCRIPTION

This kit provides a power connection box with multiple conduit entries, pipe standoff, terminal block and components for above insulation electrical connections.

KIT CONTENTS

- 1 Molded Junction Box Consisting of:
 - 1 Box with One Conduit Opening
 - 1 DIN Rail
 - 1 Three-Position Terminal Block
 - 1 Cover with 4 Screws
- 1 Compression Fitting
- 1 Locknut
- 3 Silicone Termination Boot
- 1 Pipe Standoff
- 1 Tube of RTV
- 1 O-Ring
- 1 Self-Regulating Cable Grommet
- 1 Constant-Wattage Cable Grommet
- 1 Self-Regulating Cable Grommet Insert
- 1 Constant-Wattage Cable Grommet Insert

MATERIALS

Junction Box, Pipe Standoff	Electrostatic-charge-resistant, glass-filled engineered polymer, black
Self-Regulating Cable Grommet	Silicone rubber, black
Constant-Wattage Cable Grommet	Silicone rubber, orange
Cover Gasket, O-Ring	Silicone rubber, black
Cover Screws (4)	Stainless Steel

UMC MULTIPLE ENTRY POWER CONNECTION

APPROVALS



- Ordinary Areas
- Class I, Division 2, Groups B, C, D
- Class II, Division 2, Groups E, F, G
- Class III
- Class I, Zone 1, AEx e II
- Ta -40°C to 40°C
- Type 4X, IP66
- T-Rating*



- ETL24ATEX0405X
- II 2 G Ex eb IIC Gb T*
- Ta -60°C to 195°C**
- FM17ATEX0032X
- II 2 G Ex e IIC T*Gb
- Ta -40°C to 70°C**, IP 66



- Ordinary Areas
- Class I, Division 2, Groups B, C, D
- Class II, Division 2, Groups E, F, G
- Class III
- T-Rating*



- ITS 07.0018X
- Ex eb II Gb T*
- Ta -60°C to 195°C**



- FMG 17.0015X
- Ex e IIC T* Gb
- Ta -40°C to 70°C**

- Ex e IIC T*, IP66

*See cable schedule for T-rating

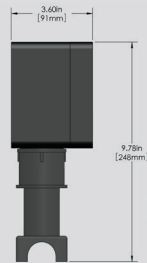
**See cable schedule for Ta



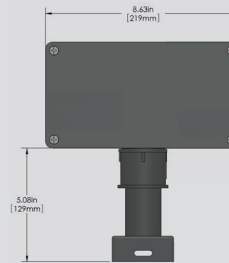
- Suitable for Hazardous Areas
- T-Rating*

DIMENSIONS

Side View



Front View



PRODUCT SPECIFICATIONS

Heating Cable Use.....	SRL, SRP, SRM/E, CWM
Ingress Protection.....	NEMA 4X, IP66
Conduit Hub Size.....	0.75 in. (19 mm)
Minimal Install Temperature.....	-40°F (-40°C)
Maximum Exposure Temperature, Power Off.....	420°F (215°C)
Terminals.....	2 for line, 1 for ground
Maximum Voltage.....	600 V
Maximum Circuit Breaker.....	50 A
Conductor Size Range.....	8 - 16 AWG.
Weight.....	4 lb (1.81 kg)

ORDER DETAILS

Catalog Description.....	UMC Multiple Entry Power Connection
Part Number.....	393561



1347 Heil Quaker Blvd
LaVergne, TN 37086

TECHNICAL SUPPORT
412-967-3940

email: sales@chromalox.com
www.chromalox.com

*press 1 to be directed to heat trace support