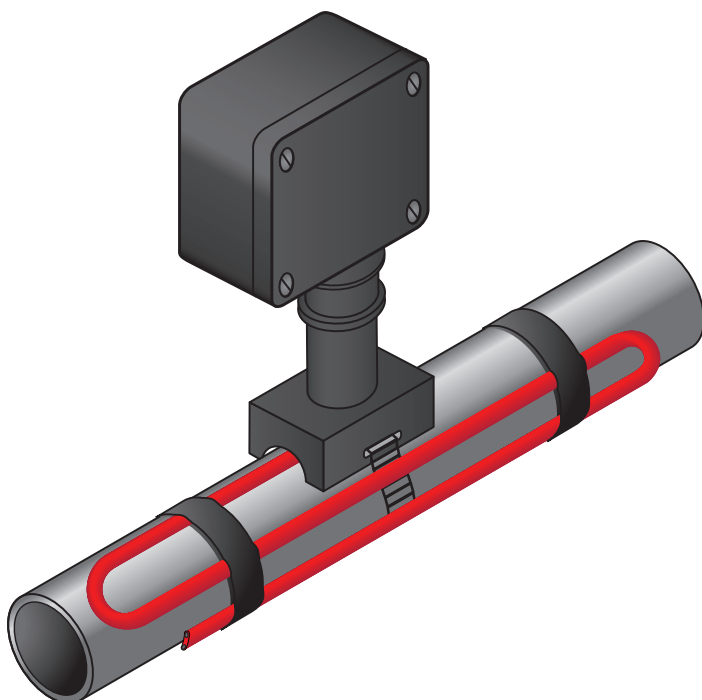


PRODUCT OVERVIEW



The Chromalox® UPC power connection kit is a NEMA 4X, IP66 rated junction box designed to connect a single SRL, SRP, SRM/E and CWM heating cable in freeze protection, piping process temperature maintenance, or fluid flow and viscosity maintenance applications, to customer supplied power wiring in non-hazardous areas. This kit provides water resistant cable entry for one cable, enclosure support, terminal block, and a water and corrosion resistant wiring enclosure with a ¾-inch (19 mm) opening to accept a conduit hub (Chromalox CCH-2 or equal) and is approved for ordinary and hazardous area locations. The enclosure is molded of durable, high performance polyphenylene sulfide (PPS) thermoplastic that is corrosion resistant, non-flammable, impact resistant, resistant to acids and alkalis, resistant to sunlight and abrasion, exhibits high mechanical strength, provides high temperature stability, electrical insulation, with its high arc resistance and low arc tracking. A pipe strap (Chromalox PS Series) is required for a complete installation, and a small pipe adapter is available for pipe sizes less than 1½ inch (38 mm).

DESCRIPTION

This kit provides a power connection box with conduit entry, 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
- 1 Silicone Termination Boot
- 1 Pipe Standoff
- 1 Tube of RTV
- 1 O-Ring
- 1 Self-Regulating Cable Grommet
- 1 Constant-Wattage Cable Grommet

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

UPC 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*



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





- ETL 24ATEX0405X
- II 2 G Ex eb IIC Gb T*
- Ta -60°C to 195°C**



- 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

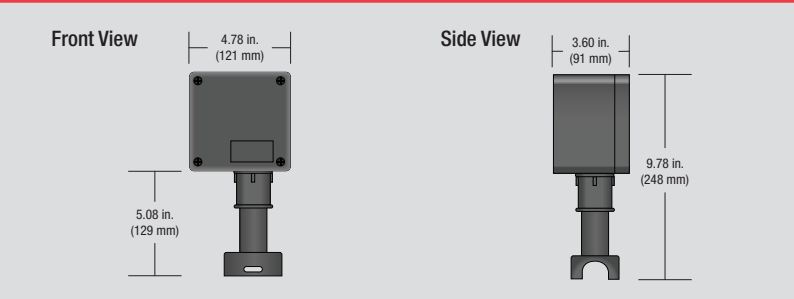


- Suitable for Hazardous Areas
- T-Rating*

*See cable schedule for T-rating

**See cable schedule for Ta

DIMENSIONS



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	UPC Power Connection
Part Number	393553



1347 Heil Quaker Blvd
LaVergne, TN 37086

TECHNICAL SUPPORT
412-967-3940

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*press 1 to be directed to heat trace support