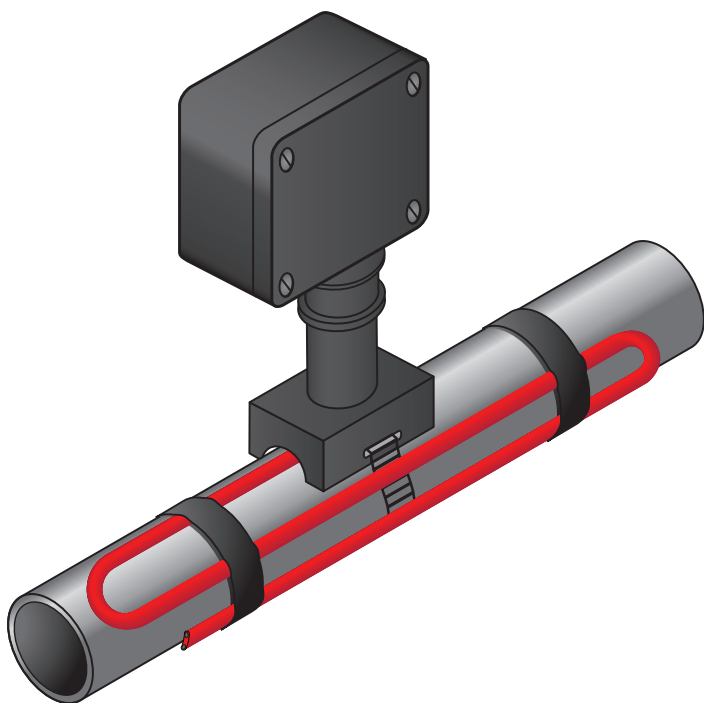


PRODUCT OVERVIEW



The Chromalox® UPC power connection kit is a NEMA 4X rated junction box designed to connect a single SRL, SRP, SRM/E, or 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 3/4-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 1 1/2 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*



- ETL 24ATEX0405X
- 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

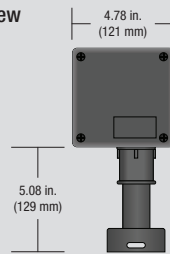
*See cable schedule for T-rating
**See cable schedule for Ta



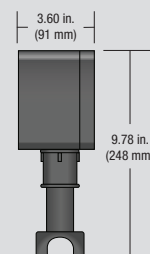
- Suitable for Hazardous Areas
- T-Rating*

DIMENSIONS

Front View



Side View



PRODUCT SPECIFICATIONS

Heating Cable Use	SRL, SRP, SRM/E, CWM
Ingress Protection	IP66
Conduit Hub Size	0.75 in. (19 mm)
Minimal Install Temperature	-40°F (-40°C)
Maximum Pipe Temperature	482°F (250°C)
Terminals	2 for line, 1 for ground
Maximum Voltage	600 V,
Maximum Current	40 A
Conductor Size Range	8 - 22 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

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

*press 1 to be directed to heat trace support