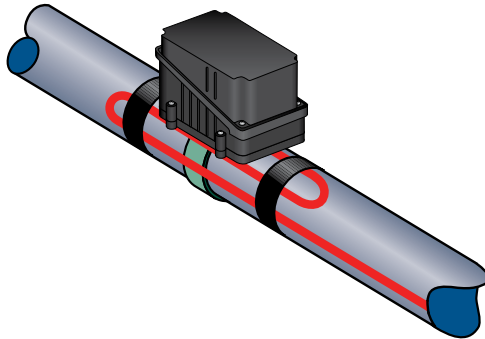


PRODUCT OVERVIEW


Chromalox® RTPC power connection box is a NEMA 4X rated junction box for connecting CPR, CPM, HWM and CZH heating cables to customer supplied wiring for freeze protection, piping process temperature maintenance, and fluid flow and viscosity maintenance applications. This kit provides water resistant cable entry for up to three cables, enclosure support, terminal block and a water resistant, 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 are 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 strength, and provides high temperature stability. Hardware is stainless steel to ensure the integrity of the system. A pipe strap (Chromalox PS Series) is required for a complete installation of this product. A small pipe adapter is available for pipe sizes less than 1½ inch (38 mm).

DESCRIPTION

This kit provides a junction box with one conduit entry.

KIT CONTENTS

1 Molded Junction Box Consisting of:

- 1 Base
- 1 Box with Conduit Opening
- 1 Lid

1 Three-Position Terminal Block
 1 Black Cable Grommet
 1 Orange Cable Grommet
 1 Cover Gasket
 4 Cover Screws
 4 Box Screws
 1 Mounting Screw for Terminal Block

MATERIALS

Junction Box	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

COMMERCIAL RTPC POWER CONNECTION BOX

APPROVALS



- Ordinary Areas
- Class I, Division 2 Groups B, C, D
- Class II, Division 2, Groups E*, F, G
- Class III, Division 1* (Type 4X)*
- Class III, Division 2*
- T-Rating*



- Ordinary Areas

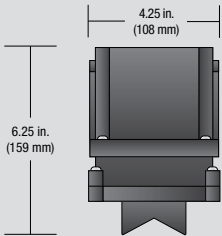


- Ordinary Areas
- Class I, Division 2, Groups B, C, D
- Class II, Division 2, Groups E, F, G
- Class III
- T-Rating*

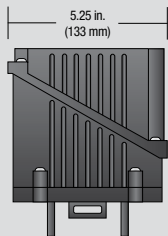
*See cable schedule

DIMENSIONS

Front View



Side View



PRODUCT SPECIFICATIONS

Heating Cable Use	CPR, CPM, HWM, CZH
Ingress Protection	NEMA 4X
Conduit Hub Size	3/4 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	Commercial RTPC Power Connect Box
Part Number	5131054



1347 Heil Quaker Blvd
LaVergne, TN 37086

TECHNICAL SUPPORT
412-967-3940

email: sales@chromalox.com
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*press 1 to be directed to heat trace support