



& ASSOCIATES, INC.

heat tracing specialists



Made in USA

R Series CONNECTION KITS

Accessories



Description

The R series connection kits offer the most versatile and durable platform for terminating constant wattage, self-regulating and MI heating cables in both ordinary & division 2 locations. The RPC & RTC both have an 3/4" conduit opening for service while the RSL functions as an monitor light. Each enclosure comes with DIN mounted 600V rated terminals for quick & reliable electrical connection. The RPC comes standard with an end seal for a complete circuit. The RSL accommodates a range of service voltages from 120V-277V and is used for indicating voltage at the end-of-circuit. The RTC can function as either a 3-way power connection or above-insulation splice & tee kit. R series kits are NEMA 4X rated and approved for use in Class 1 Division 2 areas (3rd Party Certification).



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RPC Contents

- Junction Box
- Cover
- Mounting Bracket
- 2 - Sealing Grommets
- Lock Ring
- Compression Fitting
- Power Termination Boot
- End Termination Cap
- Silicone Packet
- Pipe Strap

RSL Contents

- Junction Box
- Cover w/ 33mm LED
- Mounting Bracket
- Compression Fitting
- 2 - Sealing Grommets
- Pipe Strap
- Lock Ring
- Power Termination Boot
- Silicone Packet

RTC Contents

- Junction Box
- Cover
- Mounting Bracket
- Compression Fitting
- 2 - Sealing Grommets
- 1" NPT Plug
- Pipe Strap
- 2 - Lock Rings
- 3 - Power Termination Boot
- Silicone Tube

Features

- Corrosion resistant
- Thermal stability
- Non-flammable
- Captive stainless hardware
- Water resistant
- 3/4" conduit hub opening
- DIN rail mounted terminal blocks
- UV resistant

Ordering Information

Example Configuration	RPC-1-SR		
Connection Type	Pipe Size	Cable Type* (RPC)	Weight
RPC	1=1"-3"	SR=Self-Regulating	1.9 Lbs.
RSL	2=2"-14"	CW=Constant Watt	2.0 Lbs.
RSL-4- (480V)	3=3/4"-1"		2.0 Lbs.
RTC			5.0 Lbs.

Note: *Cable type is for end termination purposes (RPC ONLY). Not for use with RSL. RSL-4 is for 480V constant wattage ONLY! See banding sizes below for mounting considerations.

Construction

Enclosure ¹	Fiberglass Reinforced Duroplastic Polyester
Stand-Off/Compression ²	Ryton PPS
Temperature Range ¹	-60°F to 420°F
Melting Point	480°F ¹ , 540°F ²
Entry Hole (RPC, RTC)	1-1/16" (Hole Diameter), 3/4" Hub
Lamp Type (RSL)	30mm LED 24VDC-277V
Termination Cap (RPC)	500°F Silicone
Dimensions (RPC, RSL)	4.8"Lx4.42"Wx3.58"D (w/ cover)
Dimensions (RTC)	6-13/16"Lx4"Wx3-9/32" (w/ cover)

Note: Assembled in U.S. with some imported materials

