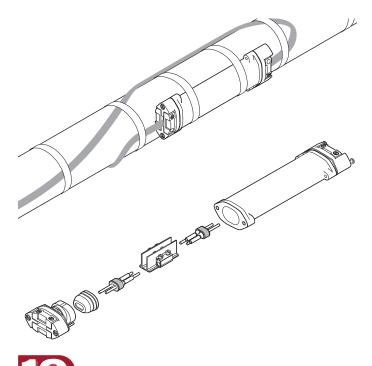


LOW-PROFILE SPLICE KIT



PRODUCT OVERVIEW

The nVent RAYCHEM S-150 is a cold-applied, low-profile splice for in-line connection. It is designed for use with the following RAYCHEM brand heating cables: BTV, QTVR, XTV, and KTV. Use the S-150 in applications with temperatures ranging from -60° F to 420°F (-50° C to 215°C). It is approved by FM,CSA and PTB for use in hazardous locations.

The unique design of the S-150 suits the demanding requirements of the industrial environment. The low-profile housing can be installed on pipes and other surfaces. Spring-loaded grommets make a first seal to maintain a watertight connection, while the noncuring silicone-free sealant used in the RAYCHEM cold-applied core sealers add a second seal, providing additional protection.

The rugged construction makes it resistant to impact and suitable for high-temperature and chemical exposure.

The splice requires no heat source for installation, and it is re-enterable, making maintenance fast and easy. Each kit contains all the necessary materials to do one in-line splice connection.

DESCRIPTION

Cold-applied in-line splice kit for use with BTV, QTVR, XTV, and KTV heating cables

KIT CONTENTS

1 splice housing

2 sealing grommet assemblies

2 core sealers

1 spacer including screw terminals

1 identification label

APPROVALS

Hazardous Locations





Class I, Div. 2, Groups A, B, C, D Class II, Div. 2, Groups F, G Class III



CLI, ZN2, AEx e II T⁽¹⁾



Ex e II T⁽¹⁾



II 2G Ex e II II 2D Ex tD A21 IP66 PTB 09 ATEX 1068U



Ex e IIC T* Gb

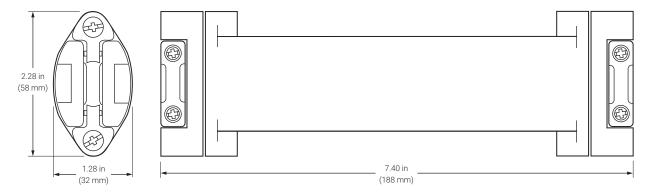


IECEx PTB 09.0043U Ex e II Ex tD A21 IP66

(1) For T-rating, see heating cable or design documentation

Raychem-DS-H56843-S150splicekit-EN-1805 nVent.com | 1

DIMENSIONS



PRODUCT SPECIFICATIONS

Heating cable capability BTV-CR, BTV-CT, QTVR-CT, XTV-CT, KTV-CT

Ingress protection

Minimum installation temperature

Minimum usage temperature

Maximum pipe temperature

Connection method

Maximum operating voltage

Type 4X (IP66)

-40°F (-40°C)

420°F (-50°C)

Screw terminals

277 Vac for FM, CSA

254 Vac for PTB

Maximum circuit breaker rating 50 A for FM, CSA 40 A for PTB

MATERIALS OF CONSTRUCTION

Enclosure, end plate, and shim Engineered polymer, black

Sealing grommet Silicone rubber
Screws, compression spring,
reinforcement plate
Silicone rubber
Stainless steel

Terminals Nickel-plated brass, stainless steel, zinc-plated steel

ORDERING DETAILS

Catalog number S-150

Part number 497537-000 Weight 0.8 lb (0.4 kg)

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