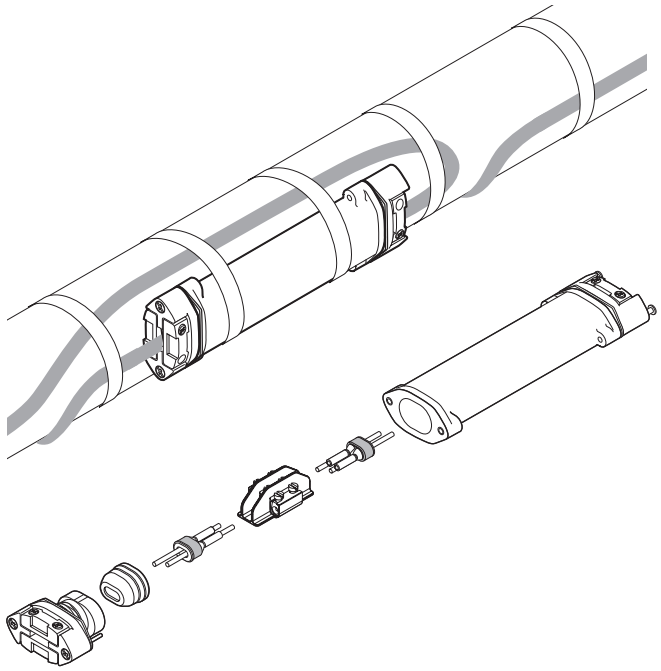
S-150

nVent RAYCHEM

COLD APPLIED UNDER INSULATION LOW PROFILE SPLICE



The nVent RAYCHEM S-150 is a cold applied low profile splice for in-line connection. This universal kit fits with all nVent RAYCHEM industrial heating cables, BTV, QTVR, XTV and KTV, meaning simplified product selection and reduced inventory to stock. It can be used in applications with temperatures ranging from –50°C to 215°C. It is approved for use in hazardous areas.

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 water tight connection while the non-curing sealant (silicone free) used in nVent RAYCHEM's core sealer adds a second seal, providing additional protection. The rugged construction of the splice makes it resistant to impact and suitable for high temperature variations and aggressive chemical exposure. The connection is made using screw terminals. The splice is re-enterable. The S-150 is a safe under the insulation in-line splice that can be relied upon over time.

The splice requires no heat source for installation, making maintenance work 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 grommets
2 core sealers
1 spacer including screw terminals
1 identification label

APPROVALS

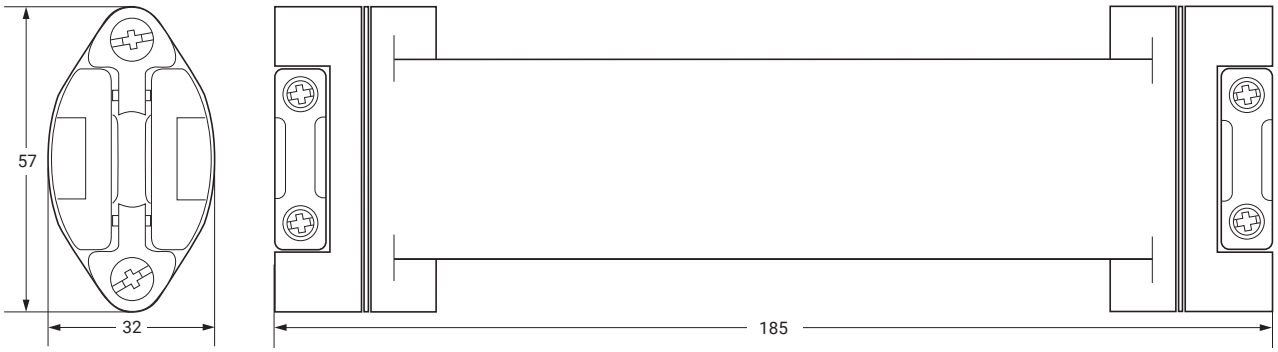
PTB 09 ATEX 1068 U
Ⓔx II 2G Ex e II
Ⓔx II 2D Ex tD A21 IP66

IECEx
PTB 09.0043U
Ex e II
Ex tD A21 IP66

DNV approval
DNV Certificate No. DNV-GL TAE00000TV and DNV-GL TAE00000TU

EAC Ex
RU C-BE.ИМ43.B.01712
Ex e IIC Gb U Ex tb IIIC Db U
Ta -55°C…+150°C IP66

DIMENSIONS (IN MM)



PRODUCT SPECIFICATIONS

Heating cable capability	BTV-CR, BTV-CT, QTVR-CT, XTV-CT, KTV-CT
Ingress protection	IP66
Minimum installation temperature	–50°C
Maximum pipe temperature	Refer to heating cable specification
Connection method	Screw terminals
Maximum operating voltage	277 Vac
Maximum current rating	40 A heating cable circuit for PTB

MATERIALS OF CONSTRUCTION

Housing, end plate, shim and spacer	Engineering polymers, black
Sealing grommets	Silicone rubber
Screws, compression spring	Stainless steel

ORDERING DETAILS

Splice connection	S-150
PN (Weight)	497537-000 (0.4 kg/0.8 lb.)

North America
Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa
Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific
Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America
Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com

nVent

nVent.com

Our powerful portfolio of brands:
CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

©2018 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners.
nVent reserves the right to change specifications without notice.
Raychem-DS-DOC2210-S150-EN-1812