742283-000 ✔ ACTIVE

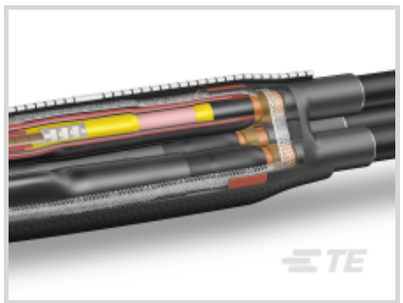
RAYCHEM | RAYCHEM HVS

TE Internal #: 742283-000

Transition Joint, ≤ 15 kV, 500 – 750 AWG/kcmil Conductor, 3 Core, PILC / Polymeric, Tape Cable Shield, RAYCHEM HVS

View on TE.com >

Energy & Power > Power Cable Accessories > Joints & Splices > Heat Shrink Splices: Trifurcating and Transition Kits



Installation Technology: **Heat Shrink**

Product Availability: **Americas**

Installation Instruction: **English**

Voltage Class: **≤ 15 kV**

Joints & Splice Product Type: **Transition Joint**

All Heat Shrink Splices: Trifurcating and Transition Kits (17)

Features

Product Type Features

Installation Technology	Heat Shrink
Joints & Splice Product Type	Transition Joint
Cable Shield Style	Tape

Configuration Features

Number of Cores	3

Electrical Characteristics

Voltage Class	≤ 15 kV

Body Features

Insulation Material	PILC, Polymeric

Dimensions

Insulation Diameter (Plastic)	1.1 – 1.6 in
Insulation Diameter (PILC)	1.05 – 1.5 in
Compatible Conductor Range	500 – 750 AWG/kcmil
Compatible Insulation Diameter Range	26.67 – 40.64 mm[1.05 – 1.6 in]
Compatible Conductor Diameter Range	20.57 – 25.4 mm[.81 – 1 in]
Sheath Outside Diameter	48.26 mm[1.9 in]

Industry Standards

Compatible With Approved Standards Products	IEEE 404

Product Availability

Product Availability	Americas

Packaging Features

Packaging Quantity	1

Other

Installation Instruction	English

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: [Phthalato(2-)]dioxotrilead (3%) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

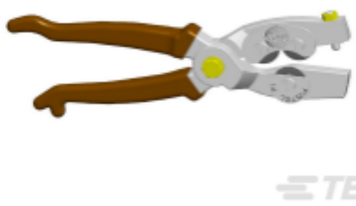
TE Part # ER0776-009
LRTT

TE Part # ER0776-021
PG3MV/C039L070

TE Part # ER1285-000
CCB110

TE Part # ER0776-014
MTC-AGPB3

TE Part # ER0776-000
CLB070



TE Part # ER0776-025
P4PI/157

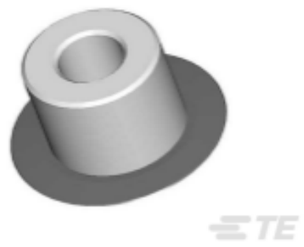
TE Part # ER0776-024
PG4MV/C110L130

TE Part # ER0776-010
MF2/40-S-USA

TE Part # ER0776-020
PG2MV/C079L079

TE Part # ER0776-012
MF3/40-SRC-USA

TE Part # ER0776-023
PG3MV/C110L130



TE Part # ER1283-000
CCB039

TE Part # ER1286-000
DSP

TE Part # ER0776-016
MTCPF3/24

TE Part # ER0776-022
PG3MV/C079L070

TE Part # ER1287-000
SCH

TE Part # ER0776-011
MF2/60-S-USA

TE Part # ER0776-004
CWE/0_5-2

TE Part # ER0776-007
LHAC

TE Part # ER0776-015
MTCP4/157

Also in the Series | RAYCHEM HVS

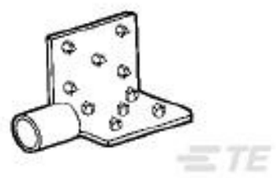
Joints & Splices(46)

Power Cable Terminations(68)

Customers Also Bought

TE Part #408971-000
GILS-4/0(B18)

TE Part #CMS38606P-30NF
omni,Iclng,30cm,NF 380-6000MHz, 6dBi,LPIM



TE Part #329860-1
TERMI-FOIL 16-14 DOUBLE FACE

TE Part #8-1393113-7
KUEP-11D15-24=KU-

TE Part #2-1419106-5
27E893=SOCKET,KU,11,QC,POLY, DINRAIL

TE Part #D99331-000
EPPA-101-2-2000-18

TE Part #CR8501-000
HVS-C-1512S-RJ-M4

Documents

Product Drawings

HVS-T-1583S

English

Datasheets & Catalog Pages

HVS-T-HVSR-T-TRIFURCATING-CABLE-ACESSORIES

English