



Energy & Power > Power Cable Accessories > Separable Connectors > Dead Break Connections > Raychem Plug-In Terminations



Product Availability: Americas, Asia, Australia, New Zealand & Pacific Islands, Europe, Middle East & Africa

Installation Instruction: English, German

Installation Technology: Wedge & Contact Ring

Voltage Class: ≤ 36 kV, ≤ 42 kV

Bushing Type: Size 3

[All Raychem Plug-In Terminations \(169\)](#)

Features

Product Type Features

Installation Technology	Wedge & Contact Ring
Bushing Type	Size 3
Cable Shield Style	Copper Wire
Screened	Screened

Configuration Features

Number of Cores	1
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Electrical Characteristics

Voltage Class	≤ 36 kV, ≤ 42 kV
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Body Features

Compatible Conductor Material	Aluminum, Copper
Insulation Material	Polymeric

Dimensions

Compatible Conductor Diameter Range	7.6 – 39.2 mm, 7.6 – 32.5 mm[.299 – 1.27 in][.299 – 1.54 in]
Compatible Insulation Diameter Range	26 – 50 mm[1 – 1.96 in]
Compatible Conductor Cross-Section Range	70 – 630 mm²



Operation/Application

Dead Break Connection Product Type	Inner Cone
Marine-Offshore-Shipbuilding Certified	No

Industry Standards

Compatible With Approved Standards Products	HD629.1-S2
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Product Availability

Product Availability	Americas, Asia, Australia, New Zealand & Pacific Islands, Europe, Middle East & Africa
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Other

Installation Instruction	English, German
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Out of Scope
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (90% in Component Part) Pb (3.5% in Component Part) <b>Article Safe Usage Statements:</b> 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

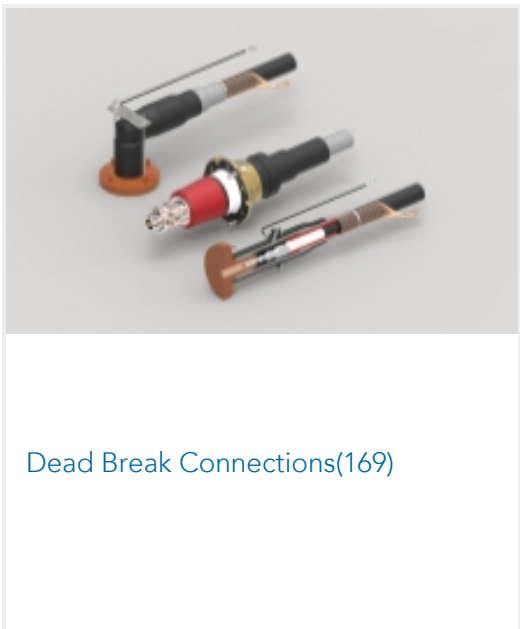
Product Compliance Disclaimer

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.

Also in the Series | RAYCHEM RPIT



Documents

Product Drawings

RPIT-631N-SV50W298WNA

English

Datasheets & Catalog Pages

RAYCHEM PLUG-IN TERMINATIONS RPIT

English

RAYCHEM PLUG-IN TERMINATIONS (RPIT) INNER CONE SYSTEMS FOR SWITCHGEARS AND TRANSFORMERS UP TO 52 KV

English