

1974130-1 ✓ ACTIVE

RAYCHEM

TE Internal #: 1974130-1

Mechanical Connectors, EMEA / China / ASIA, Shear Bolt, ≤ 35 kV,
Aluminum-Copper, Conductor Range 3/0 (Compact) – 500
(Concentric) AWG/kcmil, Aluminum

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Energy & Power > Power Systems Connectors > Mechanical Connectors > Shear Bolt Connectors up to 35 kV



Mechanical Connector Product Availability: **AMERICAS, ANZPAC, ASIA, China, EMEA**

Mechanical Connector Technology: **Shear Bolt**

Mechanical Connector Voltage Class: ≤ 35 kV

Mechanical Connector Conductor Material: **Aluminum-Copper**

Conductor Range: [3/0 (Compact) – 500 (Concentric) AWG/kcmil]

[All Shear Bolt Connectors up to 35 kV \(17\)](#)

Features

Product Type Features

Mechanical Connector Technology	Shear Bolt
Mechanical Connector Material	Aluminum
Underground Network Component Type	Straight Connector

Configuration Features

Number of Contact Bolts	4
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Electrical Characteristics

Mechanical Connector Voltage Class	≤ 35 kV
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Body Features

Mechanical Connector Conductor Material	Aluminum-Copper
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Dimensions

	3/0 (Compact) – 500 (Concentric) AWG /kcmil
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Operation/Application

Energized Installation	No
Free of Lead, Cadmium, Heavy Metals	Yes

Industry Standards



Mechanical Connector CSA Certified	No
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Mechanical Connector UL Listed	No
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Product Availability

Mechanical Connector Product Availability	AMERICAS, ANZPAC, ASIA, China, EMEA
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Documents

Product Drawings

[ASBS 3/0-500-S](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English