



Energy & Power > Arresters, Insulators & Insulation > Distribution Insulators > Suspension Insulators



Insulator Product Type: **Tension Insulator**

Top Fitting Type: **Y-Clevis**

Bottom Fitting Type: **Eye**

[All Suspension Insulators \(394\)](#)

Features

Product Type Features

Insulator Product Type	Tension Insulator
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Electrical Characteristics

Dry AC Withstand	180 kV
Dry AC Flashover	185 kV
Wet AC Withstand	165 kV
Nominal Dry Arc	463 mm[18.23 in]
Wet AC Flashover	180 kV
Tension Rating - SML	70 kN

Body Features

Primary Product Color	Gray
Top Fitting Type	Y-Clevis
Bottom Fitting Type	Eye

Housing Features

Housing Material	Silicone
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Dimensions

Product Weight	1.3 kg
Creepage Distance	950 mm[37.40 in]
Shed Inside Diameter	24 mm[0.94 in]
Shed Outside Diameter	82 mm[3.23 in]



Industry Standards

BIL Rating	270 kV
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Product Availability

Product Availability	Worldwide
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Product Compliance

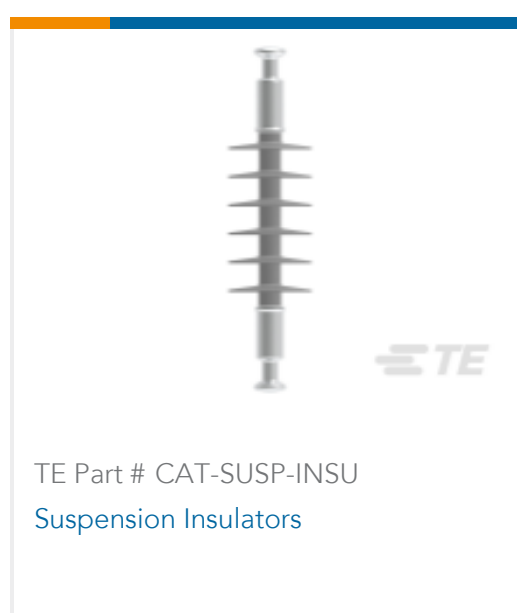
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 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

[CS-70-YE-270-0950-M-11](#)

English

Datasheets & Catalog Pages

[SILICONE SUSPENSION-TENSION INSULATORS](#)

English

[SUSPENSION INSULATOR](#)

English