

Relays & Contactors > Relays > Mil-Aero Relays > Mid-Range Relays



Contact Arrangement: 1 Form X, SPST-NO-DM

Terminal Plating: Tin-Lead

Contact Current Rating: 50 A

Coil Voltage Rating: 28 VDC

Coil Resistance: 290 Ω

Features

Configuration Features

Relay Options	Back EMF Suppression
Coil Special Features	Coil Suppression Diode
Contact Arrangement	1 Form X, SPST-NO-DM

Electrical Characteristics

Contact Current Rating	50 A
Coil Voltage Rating	28 VDC
Coil Resistance	290 Ω

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Silver Cadmium Oxide
Terminal Plating	Tin-Lead

Termination Features

Terminal Configuration	Stud Power Terminals
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Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Panel & Printed Circuit Board

Usage Conditions

Operating Temperature Range	-70 - 125 °C
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Operation/Application

Vibration Resistance	20G's, 75 - 3000Hz
Actuating System	DC
Shock Resistance	50G's, 11ms
Coil Magnetic System	Polarized, Monostable

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) 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

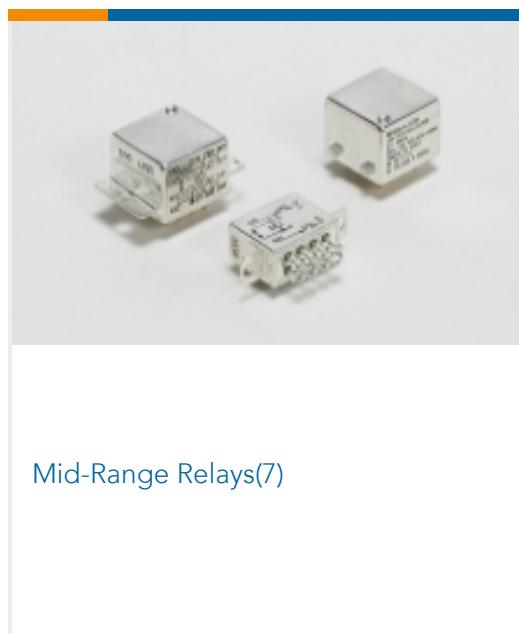
Product Compliance Disclaimer

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>

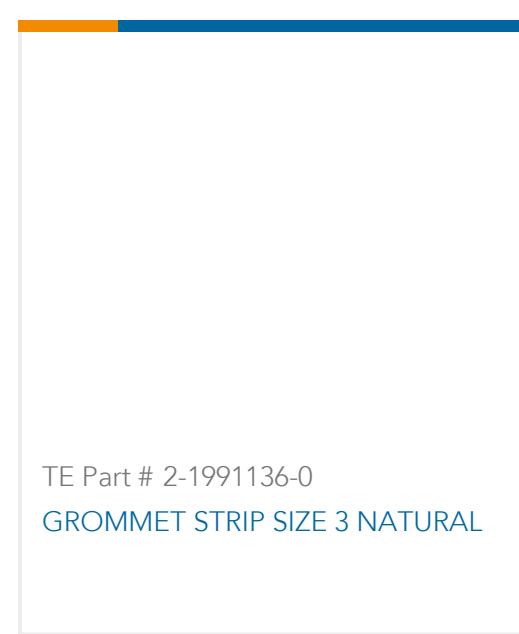
Compatible Parts



Also in the Series | CII FCA-150 Series



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1617795-0_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1617795-0_B.3d_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1617795-0_B.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

[Datasheets & Catalog Pages](#)

[5-1773450-5_sec5_FCA-150](#)

English

[CII FCA-150 and FCAC-150 Series Relays Brochure](#)

English