



CII

TE Internal #: 1-1617795-2

General Purpose Power Relay, DC, Polarized, Monostable, 1 Form X SPST-NO-DM, 50 A Contact Rating, 28 VDC Coil Voltage, Panel Mount

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Polarized, Monostable**

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

Current Type: **DC**

Contact Current Rating: **50 A**

Features

Product Type Features

|                        |                             |
|------------------------|-----------------------------|
| Relay & Contactor Type | General Purpose Power Relay |
|------------------------|-----------------------------|

Configuration Features

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

Electrical Characteristics

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

Body Features

|                |                     |
|----------------|---------------------|
| Enclosure Type | Hermetically Sealed |
|----------------|---------------------|

Contact Features

|                  |                      |
|------------------|----------------------|
| Contact Material | Silver Cadmium Oxide |
| Terminal Plating | Tin-Lead             |

Termination Features

|                                    |                |
|------------------------------------|----------------|
| Main Termination & Connection Type | Stud Terminals |
| Coil Termination & Connection Type | Stud Terminals |



Mechanical Attachment

|                               |                   |
|-------------------------------|-------------------|
| Product Mounting Feature Type | Mounting Brackets |
| Product Mount Type            | Panel Mount       |

Usage Conditions

|                                         |                            |
|-----------------------------------------|----------------------------|
| Operating Temperature Range             | -70 – 125 °C[-94 – 257 °F] |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F]             |

Operation/Application

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

Other

|                       |             |
|-----------------------|-------------|
| Contact Current Class | >32 – ≤50 A |
|-----------------------|-------------|

Product Compliance

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

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | 有害物质含量超出标准<br>Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Cadmium oxide (7.84% in Component)<br>Cd (10% in Component)<br>Pb (.13% in Component)<br><b>Article Safe Usage Statements:</b><br>Use personal protective equipment as required. 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



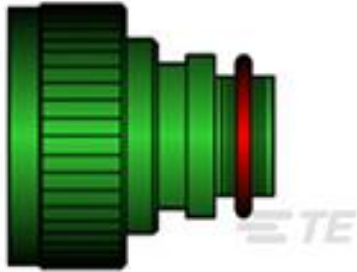
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

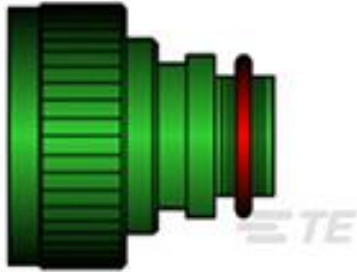


TE Part # 5-1617791-2  
FCA-125-3703L=M83536/37-003L

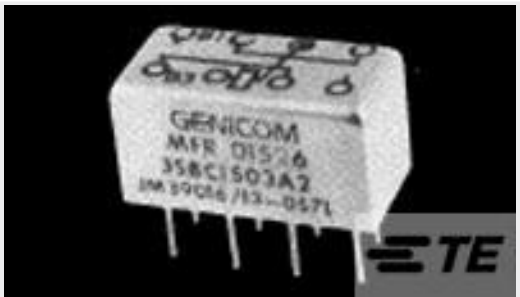
Customers Also Bought



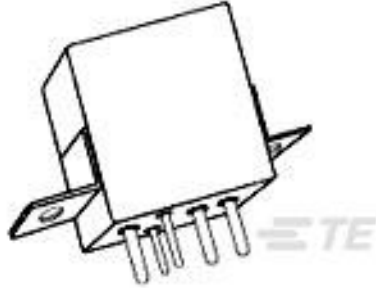
TE Part #CW4641-000  
TXR40AZ00-1008BI



TE Part #586665-000  
TXR40SJ00-1410BI



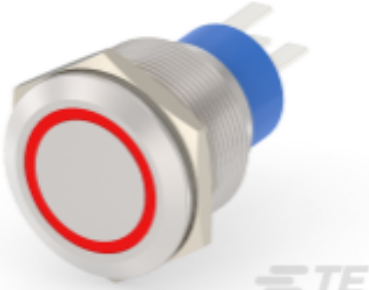
TE Part #2-1617073-1  
3SBC2018A2 = M39016/13-073P



TE Part #2-1617748-1  
FCA-125-15=M6106/19-015



TE Part #6-1617794-2  
TD231-1001P=TDAR .1-1SEC M83726 /31-1001P



TE Part #2-2213772-5  
AV22 SPL 3A MOVE RING LED RED 12V



TE Part #2424035-1  
Conn G FSA 38999 S2 Shell 11 & 12



TE Part #CAT-EMIG-0008  
Std MIL-DTL-38999 Series Conn Gasket

Documents

Product Drawings  
FCA-150-CU4=RELAY

English

CAD Files  
Customer View Model



[ENG\\_CVM\\_CVM\\_1-1617795-2\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1617795-2\\_A.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1617795-2\\_A.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

[relays\\_brochure](#)

English

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

English