

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

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

Electrical Characteristics

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

Body Features

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

Contact Features

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

Termination Features

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

Mechanical Attachment

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

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 |

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 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUL 2021 (219) 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

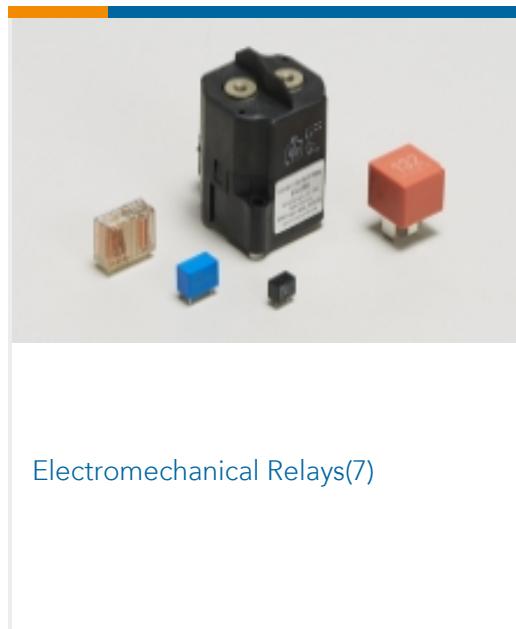
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # 2-1617748-5
FCA-125-19=M6106/19-019

Also in the Series | CII FCA-150 Series



Electromechanical Relays(7)

Customers Also Bought



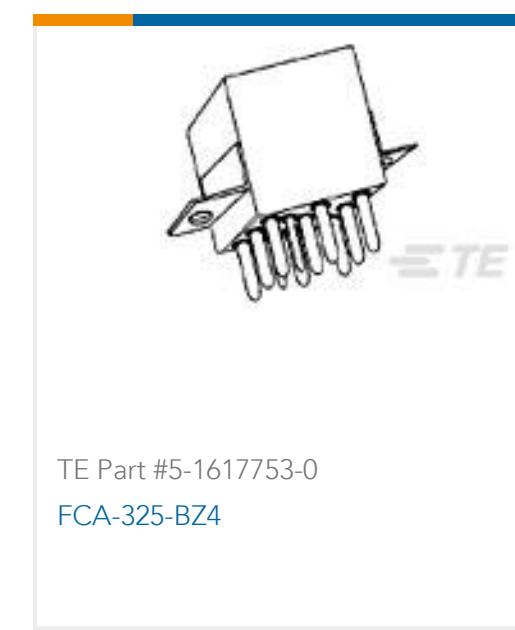
TE Part #1-1469492-3
MULTIGIG RT 9MM GUIDE/ESD 90 DEG



TE Part #1410188-3
MULTIGIG RT T2 7RW DC DF F-RGT



TE Part #1-1469492-1
MULTIGIG RT 9MM GUIDE/ESD 0 DEG



TE Part #5-1617753-0
FCA-325-BZ4



TE Part #3-1617146-0
JMGACDD-26MW = M39016/19-042M



TE Part #1410946-1
MULTI-GIG SOC. CAP SCREW,
CUSTOMIZED HDW



TE Part #1410189-3
MULTIGIG RT T2 7RW H-LFT,ET2



TE Part #1410142-1
MULTIGIG RT T2 .8" BP FULL RGH



Documents

Product Drawings

[FCA-150-BX4=Relay](#)

English

Datasheets & Catalog Pages

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

English

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

English