

FCA-125-19

✓ ACTIVE

CII | CII FCA-125 Series

TE Internal #: 2-1617748-5

General Purpose Power Relay, DC, Polarized, Monostable, 1 Form C SPDT-CO, 25 A Contact Rating, 28 VDC Coil Voltage, Panel Mount, CII FCA-125 Series

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Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Polarized, Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Contact Current Rating: **25 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	Coil Suppression Diode
Relay Options	Back EMF Suppression
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Coil Resistance	320 Ω
Contact Current Rating	25 A
Coil Voltage Rating	28 VDC

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Silver Cadmium Oxide
Terminal Plating	Tin-Lead

Termination Features

Main Termination & Connection Type	Solder Hook Terminals
Coil Termination & Connection Type	Solder Hook 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	30G's, 10 – 3000Hz
Shock Resistance	200G's, 6ms
Current Type	DC
Coil Magnetic System	Polarized, Monostable

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cd (10% in Component Part) Cadmium oxide (3% in Component Part) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

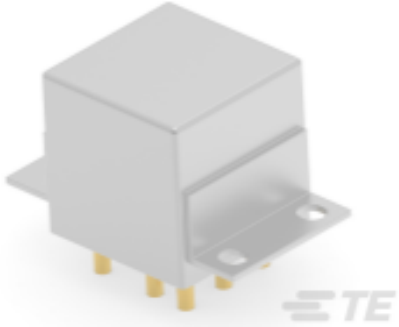
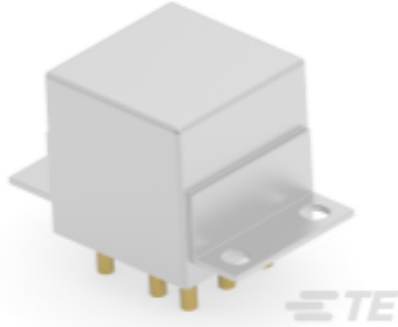
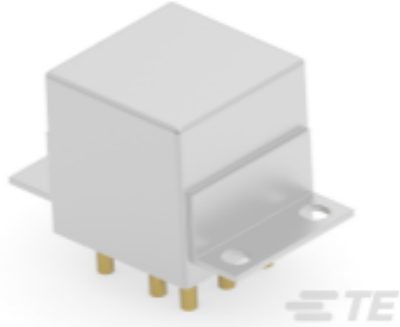
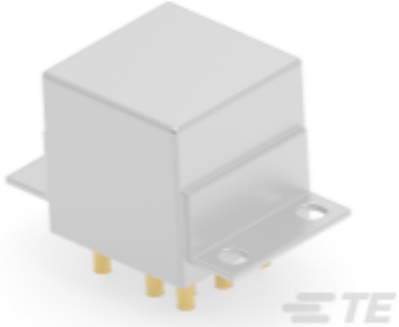
Product Compliance Disclaimer

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 # 7-1617816-4 FCAC-325-AY2	 TE Part # 1-1617795-3 FCA-150-CX4=Relay	 TE Part # 3-1617753-9 FCA-325-AY4	 TE Part # 3-1617753-3 FCA-325-AV4
 TE Part # 7-1617806-0 FCAC-325-AZ3=RELAY, 3PST W/AUX	 TE Part # 1617795-9 FCA-150-BX4=Relay	 TE Part # 4-1617753-7 FCA-325-BY4	 TE Part # 6-1617753-1 FCA-325-CX8
 TE Part # 9-1617756-7 FCAC-325-AY4	 TE Part # 7-1617808-4 FCAC-150-KX4=50 AMP MID-RANGE RELAY	 TE Part # 6-1617753-6 FCA-325-CY8	 TE Part # 5-1617753-0 FCA-325-BZ4
 TE Part # 5-1617753-1 FCA-325-CV3			

Also in the Series | CII FCA-125 Series



AC Relays(10)

General Purpose Power Relays(78)

PCB Relays(22)

Plug-In Relays(25)

Customers Also Bought

TE Part #031822-000
S02-18-R-3

TE Part #827914-000
382A034-100-0

TE Part #657949-000
202K121-100/184-0

TE Part #103957-7
2X8 MTE RCPT SR LATCH .100CL

TE Part #CTJ-3A-09-4021
RAIL ASSY

TE Part #5-1879026-3
YR1 0.1% 309K

TE Part #4162-201-1631L
CONT SOC ASSY

TE Part #ZPF000000000110465
DTS 24 S 17-06 PN-A1442

TE Part #895145-000
342A058-100-0

TE Part #YCTJ720E01BC017000
MODULE ASSY

Documents

Product Drawings

FCA-125-19=M6106/19-019

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1617748-5_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-1617748-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1617748-5_C.3d_stp.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-125](#)

English

[RELAY](#)

English