

## CII | CII FCA-125 Series

TE Internal #: 3-1617748-0

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

View on TE.com >



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

Solder Hook Terminals

Solder Hook Terminals

**Termination Features** 

Main Termination & Connection Type

Coil Termination & Connection Type



#### **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	
Operation/Application  Vibration Resistance	30G's, 10 – 3000Hz
	30G's, 10 – 3000Hz 200G's, 6ms
Vibration Resistance	

## **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



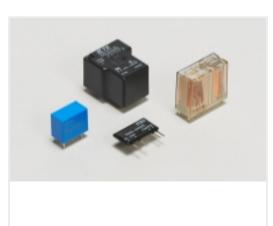
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# Compatible Parts



# Also in the Series | CII FCA-125 Series





General Purpose Power Relays(78)





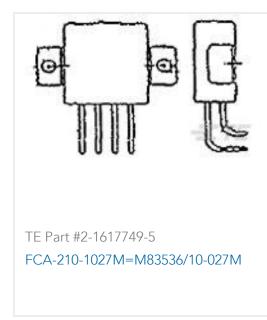
# Customers Also Bought























## **Documents**

## **Product Drawings**

FCA-125-24=M6106/19-024

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_3-1617748-0\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1617748-0\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1617748-0\_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