

FCA-125-AY2

✓ ACTIVE

CII | CII FCA-125 Series

TE Internal #: 5-1617748-9

General Purpose Power Relay, DC, Polarized, Monostable, 1 Form C SPDT-CO, 25 A Contact Rating, 12 VDC Coil Voltage, Socket 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

Contact Features

|                  |                      |
|------------------|----------------------|
| Contact Material | Silver Cadmium Oxide |
| Terminal Plating | Gold                 |

Usage Conditions

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

Mechanical Attachment

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

Electrical Characteristics

|                        |        |
|------------------------|--------|
| Coil Resistance        | 80 Ω   |
| Contact Current Rating | 25 A   |
| Coil Voltage Rating    | 12 VDC |

Operation/Application

|                      |                       |
|----------------------|-----------------------|
| Vibration Resistance | 30G's, 33 – 3000Hz    |
| Shock Resistance     | 200G's, 6ms           |
| Current Type         | DC                    |
| Coil Magnetic System | Polarized, Monostable |



Product Type Features

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

Configuration Features

|                     |                  |
|---------------------|------------------|
| Contact Arrangement | 1 Form C SPDT-CO |
|---------------------|------------------|

Body Features

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

Termination Features

|                                    |             |
|------------------------------------|-------------|
| Main Termination & Connection Type | Socket Pins |
| Coil Termination & Connection Type | Socket Pins |

Other

|                    |               |
|--------------------|---------------|
| EU RoHS Compliance | Not Compliant |
| EU ELV Compliance  | Not Compliant |

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)<br>Candidate List Declared Against: JUL 2021 (219)<br>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 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 # 6-1617753-3  
FCA-325-CY2

Also in the Series | CII FCA-125 Series

AC Relays(10)

DC Relays(68)

Electromechanical Relays(78)

Plug-In Relays(25)

Customers Also Bought

TE Part #5-1879501-9  
CRGH2512 5% 270R 2W

TE Part #827914-1  
2P SHUNTSTECKER

TE Part #1623094-1  
CRG0603 ZEROHM

TE Part #726388-2  
187 FASTON TAB TPBR

TE Part #881545-1  
SHUNT LP W/HANDLE 2POS 15AU

TE Part #1879335-7  
CPF 0603 24R9 1% 50PPM 1K RL

TE Part #2-1879338-7  
CPF 0603 49K9 1% 50PPM 1K RL

TE Part #1-1614350-8  
RN 0603 12K1 0.1% 10PPM CUT LENGTH





Documents

Product Drawings

FCA-125-AY2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1617748-9\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1617748-9\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1617748-9\_B.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