

FCA-210-1024M

✓ ACTIVE

CII | CII FCA-125 Series

TE Internal #: 2-1617749-2

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 10 A Contact Rating, 28 VDC Coil Voltage, Socket 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: **2 Form C DPDT-CO**

Contact Current Rating: **10 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   | 2 Form C DPDT-CO       |

Electrical Characteristics

|                        |        |
|------------------------|--------|
| Coil Resistance        | 320 Ω  |
| Contact Current Rating | 10 A   |
| Coil Voltage Rating    | 28 VDC |

Body Features

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

Contact Features

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

Termination Features

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



Mechanical Attachment

|                               |                   |
|-------------------------------|-------------------|
| Product Mounting Feature Type | Mounting Brackets |
| Product Mount Type            | Socket 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)<br>Candidate List Declared Against: JUNE 2024 (241)<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 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

|                                                                                                                                                              |                                                                                                                                                    |                                                                                                                                                     |                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 5-1617785-3<br/>FCA-410-1518M=M83536/15-018M</p>              |  <p>TE Part # 6-1617785-0<br/>FCA-410-1523M=M83536/15-023M</p>   |  <p>TE Part # 7-1617785-5<br/>FCA-410-1532M=M83536/15-032M</p>   |  <p>TE Part # 8-1617785-2<br/>FCA-410-1605L=M83536/16-005L</p>   |
|  <p>TE Part # 1617814-8<br/>TD230C-1001SX=TD AO .1 TO 1 SEC</p>            |  <p>TE Part # 6-1617805-5<br/>TD228C-0071SX=TDFO 70 mS</p>      |  <p>TE Part # 1-1617754-7<br/>FCA-410-1620M=M83536/16-020M</p>  |  <p>TE Part # 1617756-5<br/>FCA-410-CY4</p>                     |
|  <p>TE Part # 2-1617756-5<br/>FCA-415-CY4</p>                             |  <p>TE Part # 9-1617803-4<br/>FC-335-CW4=RELAY, 3PST</p>       |  <p>TE Part # 9-1617755-2<br/>FCA-410-BZ4</p>                  |  <p>TE Part # 8-1617816-8<br/>FCA-412-BZ4</p>                  |
|  <p>TE Part # 6-1617813-9<br/>TD229-6001S=TD FR 6 SEC M83726/29-6001S</p> |  <p>TE Part # 2-1617754-2<br/>FCA-410-1623M=M83536/16-023M</p> |  <p>TE Part # 1-1617756-8<br/>FCA-412-CW4</p>                  |  <p>TE Part # 9-1617785-0<br/>FCA-410-1609L=M83536/16-009L</p> |
|  <p>TE Part # 2-1617785-6<br/>FCA-410-1504L=M83536/15-004L</p>            |  <p>TE Part # 4-1617785-5<br/>FCA-410-1514L=M83536/15-014L</p> |  <p>TE Part # 9-1617785-8<br/>FCA-410-1613M=M83536/16-013M</p> |  <p>TE Part # 3-1617785-0<br/>FCA-410-1506L=M83536/15-006L</p> |

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 #YDBA79-27-2SNV0030  
PLUG ASSY

TE Part #CAT-NEMA-M27500-ML  
NEMA WC27500: Crosslinked  
Polyalkene Lightweight Cables

TE Part #1437479-8  
SRC72ABBA=120V 50/60HZ 5-15 SE

TE Part #1811901-7  
Recpt,N Key,Sz 19,Panel Mt

TE Part #269936-000  
HRHT-1/6

TE Part #1811902-7  
PLUG,N KEY,SZ 19,FREE HANGING

TE Part #1-1617069-8  
PS10-X2295 = CUBE SOLID STATE

TE Part #A65285-000  
KTT-381127-5-1A

TE Part #981291-000  
202D142-12-60-0-CS5077

Documents

Product Drawings

FCA-210-1024M=M83536/10-024M

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1617749-2\_B.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617749-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1617749-2\\_B.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5\\_sec5\\_FCA-210](#)

English