

FCA-210-1015M

✓ ACTIVE

CII | CII FCA-125 Series

TE Internal #: 1-1617749-2

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 10 A Contact Rating, 12 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

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 | 10 A   |
| Coil Voltage Rating    | 12 VDC |

Configuration Features

|                       |                        |
|-----------------------|------------------------|
| Coil Special Features | Coil Suppression Diode |
| Relay Options         | Back EMF Suppression   |
| Contact Arrangement   | 2 Form C DPDT-CO       |

Operation/Application



|                      |                       |
|----------------------|-----------------------|
| Vibration Resistance | 30G's, 10 – 3000Hz    |
| Shock Resistance     | 200G's, 6ms           |
| Current Type         | DC                    |
| Coil Magnetic System | Polarized, Monostable |

Product Type Features

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

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: JUNE 2022 (224)<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

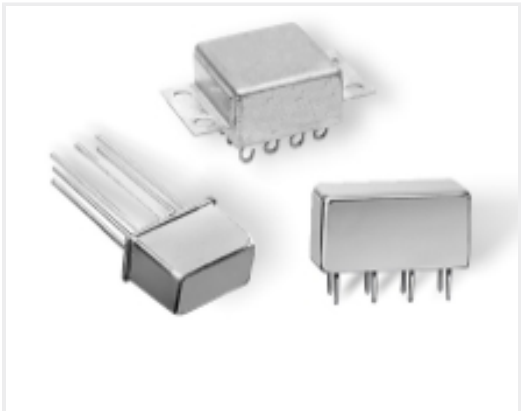


TE Part # 9-1617785-6  
FCA-410-1612L=M83536/16-012L

Also in the Series | CII FCA-125 Series



AC Relays(10)



DC Relays(68)



Electromechanical Relays(78)

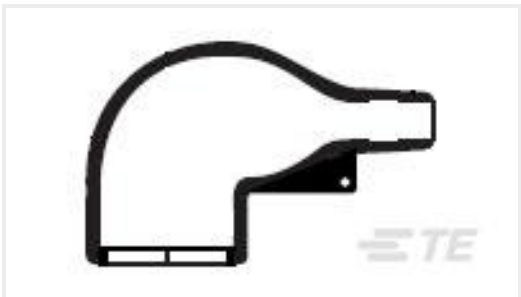


Plug-In Relays(25)

Customers Also Bought



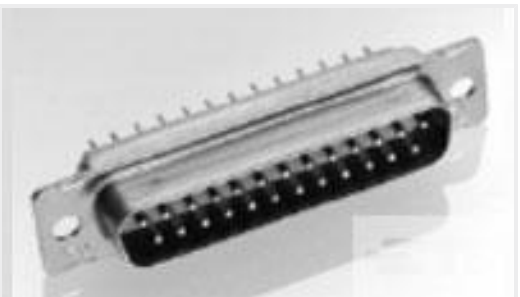
TE Part #5747872-8  
15 PLUG SP/FMS INSR



TE Part #820669-000  
222K121-3/42-0



TE Part #D369-R66-NS0  
369 6 WAY REC, NO CONTACTS, SKT



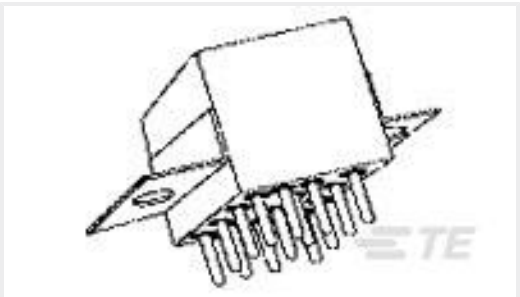
TE Part #204505-1  
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part #2304168-1  
4P MATE-AX, HDR ASSY,90 DEG,COD A



TE Part #1757820-4  
AMPLIMITE,ASY,RCPT,STD,109,ZN,4



TE Part #8-1617760-3  
FCB-405-0622M=M83536/6-022M



TE Part #2101497-5  
AMPLIMITE KIT,PLUG,W/IF+GMT,Sz5, 90



FCA-210-1015M

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 10 A  
Contact Rating, 12 VDC Coil Voltage, Socket Mount, CII FCA-125 Series



Documents

Product Drawings

FCA-210-1015M=M83536/10-015M

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1617749-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1617749-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1617749-2\_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-210

English