

FCA-210-1027M

✓ ACTIVE

CII | CII FCA-125 Series

TE Internal #: 2-1617749-5

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

Contact Material	Silver Cadmium Oxide
Terminal Plating	Tin-Lead

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins



Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Panel & Printed Circuit Board

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: JUL 2021 (219) 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

 TE Part # 1-1617820-5 TD230-2001S=TDFO 2.0 SEC M83726 /30-2001S	 TE Part # 1-1617820-2 TD228-1201S=TDFO 1.2 SEC M83726 /28-1201S	 TE Part # 3-1617814-4 TD228-2802S=TDFO 28 SEC M83726 /28-2802S	 TE Part # 2-1617789-1 FCA-410-CX5=MIDRANGE RELAY
 TE Part # 3-1617817-1 TD231-3001P=TD .3-3 SEC M83726/31-3001P	 TE Part # 9-1617818-7 TD228-5003P=TDFO 500 SEC M83726 /28-5003P	 TE Part # 3-1617819-7 TD228-1201P=TDFO 1.2 SEC M83726 /28-1201P	 TE Part # 7-1617799-3 TD231C-1002PY=TDAR 1-10 SEC
 TE Part # 6-1617827-5 TD228C-1501PY=TDFO 1.5 sec	 TE Part # 5-1617808-2 TD228-6001S=TDFO 6 SEC M83726 /28-6001S	 TE Part # 4-1617808-5 TD229-1803P=TDFR 180 SEC M83726 /29-1803P	 TE Part # 2-1617811-2 TD230-5001S=TDAO .5-5 M83726/30-5001S
 TE Part # 4-1617813-6 TD228-7500P=TDFO .75 SEC M83726 /28-7500P	 TE Part # 7-1617825-8 TD230-2002P=TDAO .2 -20S M83726 /30-2002P	 TE Part # 8-1617815-5 TD228-1003S=TDFO 100 SEC M83726 /28-1003S	 TE Part # 5-1617785-6 FCA-410-1520L=M83536/15-020L
 TE Part # 5-1617808-1 TD228-1803P=TDFO 10 SEC M83726 /28-1803P	 TE Part # 5-1617815-3 TD229-4002P=TDFR 40 SEC M83726 /29-4002P	 TE Part # 1617820-4 TD228-2403P=TDFO 240SEC M83726 /28-2403P	 TE Part # 6-1617814-3 TD229-2403S=TDFR 240 S M83726/29-2403S

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 #5-104363-9
10 MTE HDR SRST LATCH .100CL

TE Part #1-1879457-3
TE 2500W 10R 5% Bracket

TE Part #3-1609115-6
10EGG8-2=F8244

TE Part #223339-000
22759/33-30-6

TE Part #FX1901-0001-0100-L
FX1901-0001-0100-L

TE Part #8-1625963-6
HSA5 330R 5%

TE Part #3-1617748-0
FCA-125-24=M6106/19-024

TE Part #ABC06N-20P-4048
IN-LINE PLUG

TE Part #6-1617753-5
FCA-325-CY4

TE Part #530341-7
BOX PIN HEADER KIT

Documents

Product Drawings

FCA-210-1027M=M83536/10-027M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1617749-5_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-1617749-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1617749-5_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec5_FCA-210](#)

English