9-1617785-6 ✔ ACTIVE

CII

TE Internal #: 9-1617785-6

General Purpose Power Relay, DC, Polarized, Monostable, 4 Form C 4PDT-CO, 10 A Contact Rating, 12 VDC Coil Voltage, Board Mount, Hermetically Sealed

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Polarized, Monostable**

Contact Arrangement: **4 Form C 4PDT-CO**

Current Type: **DC**

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	4 Form C 4PDT-CO

Electrical Characteristics

Coil Resistance	70 Ω
Contact Switching Voltage (Max)	115 VAC, 200 VAC
Contact Current Rating	10 A
Coil Voltage Rating	12 VDC

Body Features

Enclosure Type	Hermetically Sealed

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 Mount Type	Board 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
Coil Magnetic System	Polarized, Monostable
Current Type	DC

Other

Contact Current Class	>5 – ≤10 A

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Cadmium oxide (15% in Component) **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 < 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 # 2-1617752-0
FCA-210-EZ6



TE Part # 1-1617780-6
FCA-212-CX3



TE Part # 1-1617784-7
FCA-210-1007M=M83536/10-007M



TE Part # 4-1617763-8
FCA-215-CY9



TE Part # 9-1617751-6
FCA-210-CW4



TE Part # 3-1617784-0
FCA-210-1015L=M83536/10-015L



TE Part # 1617005-6
B07D992BE2-0132 = M5757/23-027



TE Part # 2-1617749-0
FCA-210-1023M=M83536/10-023M



TE Part # 1-1617752-1
FCA-210-CZ3



TE Part # 1617749-8
FCA-210-1002M=M83536/10-002M



TE Part # 4-1617004-7
B07D934BB2-0119 = M5757/23-009



TE Part # 2-1617527-3
B07B612BC1=RELAY.



TE Part # 1-1617749-3
FCA-210-1019M=M83536/10-019M



TE Part # 9-1617748-8
FCA-210-0923M=M83536/9-023M



TE Part # 1617752-8
FCA-210-CY7



TE Part # 8-1617787-9
FCA-210-0906M=M83536/9-006M



TE Part # 4-1617001-1
A07B332AC1 = A07 10AMP FULL SI



TE Part # 1617002-2
B07A035BB1 = 07 10AMP RELAY



TE Part # 6-1617801-2
FCA-210-CU9=10 AMP DPDT MID-RANGE RELAY



TE Part # 1-1617004-1
B07D034BE2-0135 = M5757/23-030

Customers Also Bought



TE Part #EPRB2-10BA-C00004
EPRB-2-SR33-10B-/Z1

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_9-1617785-6_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_9-1617785-6_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_9-1617785-6_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-410

English

relays_brochure

English