

FCB-205-0221M

✓ ACTIVE

CII | CII FCB-205 Series

TE Internal #: 4-1617758-6

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 5 A Contact Rating, 28 VDC Coil Voltage, Socket Mount, CII FCB-205 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: **5 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	500 Ω
Contact Current Rating	5 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	Gold

Termination Features

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



Mechanical Attachment

Product Mounting Feature Type	Post Polarization
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, 70 – 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: JAN 2025 (247) SVHC > Threshold: Cadmium oxide (10% in Component Part) 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, 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 # 7-1617787-5
FCB-405-0632M=M83536/6-032M

Also in the Series | CII FCB-205 Series

General Purpose Power Relays(41)

PCB Relays(19)

Plug-In Relays(10)

Customers Also Bought

TE Part #5225395-6
BNC PLUG DUAL CP RG142

TE Part #6162-289-0877
CONT PIN ASSY

TE Part #201224-7
34 PLACE STRAIN REL. CLAMP

TE Part #CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156

TE Part #203618-1
MALE J.S. ASSY. - SHORT

TE Part #324165
TERMINAL,PG SPD FLG 16-14 6

TE Part #325197
TERMINAL,PIDG SPD 12-10 8

TE Part #602245-000
S03-07-R-100CS466

Documents

Product Drawings
FCB-205-0221M=M83536/2-021M



English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1617758-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1617758-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1617758-6_D.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_FCB-205

English