

# FCB-405-0617M ✓ ACTIVE

CII | CII FCB-405 Series

TE Internal #: 7-1617760-7

General Purpose Power Relay, DC, Polarized, Monostable, 4 Form C 4PDT-CO, 5 A Contact Rating, 28 VDC Coil Voltage, Board Mount, CII FCB-405 Series

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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: **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	4 Form C 4PDT-CO

### Electrical Characteristics

Coil Resistance	400 $\Omega$
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	Tin-Lead

### Termination Features

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



### Mechanical Attachment

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

### Other

Contact Current Class	>2 – ≤5 A
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### 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	有害物质含量超出标准 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 (10% in Component Part) <b>Article Safe Usage Statements:</b> 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 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 # 4-1617758-5  
 FCB-205-0220M=M83536/2-020M



TE Part # 4-1617786-6  
 FCB-205-0215L=M83536/2-015L



TE Part # 5-1617758-5  
 FCB-205-0238M=M83536/2-038M



TE Part # 3-1617758-8  
 FCB-205-0202M=M83536/2-002M



TE Part # 4-1617758-7  
 FCB-205-0222M=M83536/2-022M



TE Part # 6-1617758-8  
 FCB-205-AY3



TE Part # 6-1617784-2  
 FCB-205-0101M=M83536/1-001M



TE Part # 7-1617784-9  
 FCB-205-0111L=M83536/1-011L



TE Part # 2-1617758-8  
 FCB-205-0120M=M83536/1-020M



TE Part # 6-1617784-8  
 FCB-205-0104M=M83536/1-004M



TE Part # 8-1617758-4  
 FCB-205-CY4



TE Part # 5-1617786-6  
 FCB-205-0225L=M83536/2-025L



TE Part # 3-1617758-2  
 FCB-205-0123M=M83536/1-023M



TE Part # 1-1617785-9  
 FCB-205-0136M=M83536/1-036M

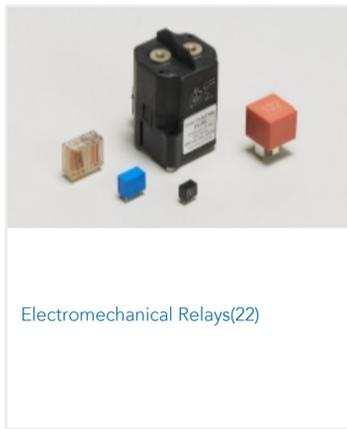


TE Part # 7-1617758-7  
 FCB-205-BZ2

## Also in the Series | CII FCB-405 Series



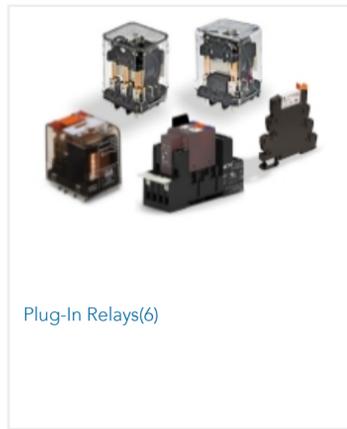
DC Relays(22)



Electromechanical Relays(22)



PCB Relays(10)



Plug-In Relays(6)

## Customers Also Bought



TE Part #1618474004  
HCTE-0625-0-SP



TE Part #CTJ-3D-05  
RAIL ASSY



TE Part #992899-000  
D-110-0181



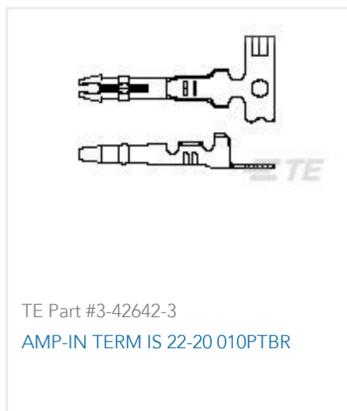
TE Part #812841-000  
202K132-3-0



TE Part #155880-000  
CWT-11



TE Part #1SNK712063R0000  
ZK16-PV



TE Part #3-42642-3  
AMP-IN TERM IS 22-20 010PTBR



TE Part #3-644894-3  
03P CST100 SHRD HDR ASSY LF



TE Part #5-1617785-8  
FCA-410-1522L=M83536/15-022L



TE Part #2294415-1  
INDUSTRIAL MINI I/O HDR TYPE I  
TRAY

## Documents

### Product Drawings

[FCB-405-0617M=M83536/6-017M](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1617760-7\\_C.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-1617760-7\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-1617760-7\\_C.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-405](#)

English

[relays\\_brochure](#)

English

[Relays Brochure](#)

English