



CII | CII FW5A

TE Internal #: 9-1617737-6

General Purpose Power Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 5 A Contact Rating, 12.6 VDC Coil Voltage, .79 W Coil Power, CII FW5A

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Non-Polarized, Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **5 A**

**Features**

**Usage Conditions**

Operating Temperature Range	-65 – 125 °C
Environmental Ambient Temperature (Max)	125 °C[257 °F]

**Mechanical Attachment**

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

**Electrical Characteristics**

Coil Resistance	200 Ω
Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	5 A
Coil Voltage Rating	12.6 VDC
Coil Power Rating DC	.79 W

**Operation/Application**

Vibration Resistance	20G's, 10 – 2000Hz
Shock Resistance	100G's, 6ms
Current Type	DC
Coil Magnetic System	Non-Polarized, Monostable

**Product Type Features**



Relay & Contactor Type	General Purpose Power Relay
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### Configuration Features

Contact Arrangement	2 Form C DPDT-CO
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### Body Features

Enclosure Type	Hermetically Sealed
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### Termination Features

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

EU RoHS Compliance	Not Compliant
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EU ELV Compliance	Not Compliant
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not lead free process capable
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#### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 1617547-8  
MGAC-12W=MGA .100 GRID RELAY

## Also in the Series | CII FW5A



DC Relays(3)



Electromechanical Relays(3)

## Customers Also Bought



TE Part #2-1532179-4  
M83513/03-A08C, MCKS-C2-B-9P5L5-1.0



TE Part #2-1617807-4  
TD228-2202S=TDFO 22 SEC M83726/28-2202S



TE Part #821793-000  
CMC-0553-6-9



TE Part #707509-000  
202F263-51-22/164-0



TE Part #3-1617118-4  
J1MACDD-5XPS = M39016/24-031P



TE Part #5-1617568-5  
JMAWD-6XP=M39016/15-029P



TE Part #1617163-5  
JMACDD-18XP = M39016/20-053P



TE Part #9-1617784-2  
FCB-205-0117M=M83536/1-017M



TE Part #2-1532186-9  
M83513/03-H12C, MCKS-C2-B-100P6Q9-36.0



TE Part #5-1617808-6  
TD228-1103P=TDFO 110 SEC M83726/28-1103P

## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1617737-6\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1617737-6\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1617737-6\\_O.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_FW](#)

English

[RELAY](#)

English