



CII | CII FC-325

TE Internal #: 4-1617806-2

CII FC-325, Mid-Range Relays, Mid-Range Relay Contact

Arrangement 3 Form X, 3PST-NO-DM, 25A Mid-Range Relay

Contact Current Rating

[View on TE.com >](#)

Relays, Contactors & Switches > Relays > Mil-Aero Relays > Mid-Range Relays



Mid-Range Relay Contact Arrangement: **3 Form X, 3PST-NO-DM**

Coil Suppression Diode: **Without**

Auxiliary Contacts: **Without**

Mid-Range Relay Contact Current Rating: **25 A**

Mid-Range Relay Coil Voltage Rating: **115 VAC**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Terminal Configuration	Solder Hooks
Product Type	Relay
Relay Type	Military/Aerospace Mid-Range

Electrical Characteristics

Vibration	10G's, 5 – 1000Hz
Shock	50G's, 11ms
Coil Suppression Diode	Without
Mid-Range Relay Coil Voltage Rating	115 VAC
Coil Current	.6 A
Mid-Range Relay Contact Switching (Max)	115/200Vac (50-400Hz)
Back EMF Suppression	Without
Coil Magnetic System	Non-Polarized, Monostable
Actuating System	AC

Signal Characteristics

Frequency	50/400 Hz
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Contact Features

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Mid-Range Relay Contact Arrangement	3 Form X, 3PST-NO-DM
Auxiliary Contacts	Without
Mid-Range Relay Contact Current Rating	25 A
Contact Base Material	Silver Cadmium Oxide with Gold Plating

Mechanical Attachment

Mid-Range Relay Mounting Type	Studs, 6-32 UNC-2A
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Usage Conditions

Operating Temperature Range	-70 – 125 °C
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 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 # 1617807-3
FC-335-SY3=RELAY, 3PST



TE Part # 1617807-6
FC-335-SY9=RELAY, 3PST

Also in the Series | CII FC-325



Mid-Range Relays(16)

Customers Also Bought



TE Part #369276-000
S1184-KIT-1



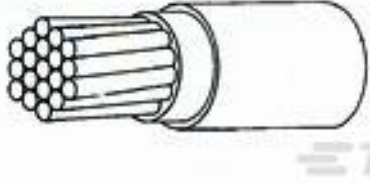
TE Part #1634201-4
PRFDB1-16F-BR000



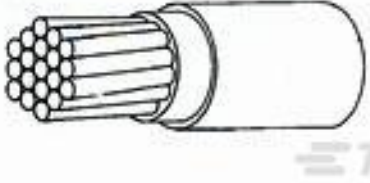
TE Part #YACT26JJ29ADV00100
Straight Plug D38999, J29 Insert



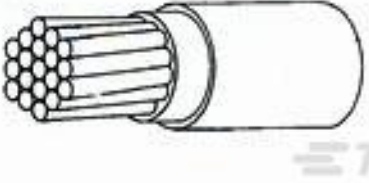
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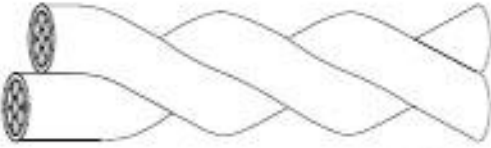
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44A0111-20-2



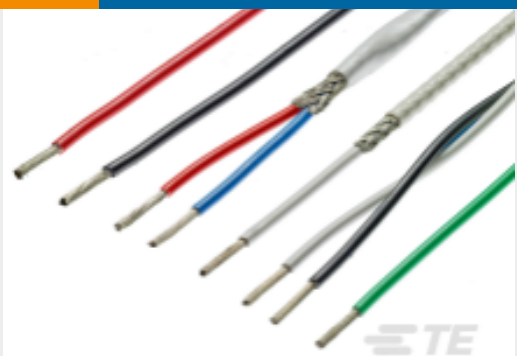
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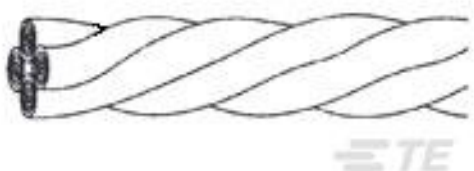
TE Part #2820453010
44A0111-24-5



TE Part #384221-000
44A0121-22-0/1



TE Part #3841833001
44A0121-26-5/9



TE Part #3747913001
44A0141-22-0/2/6/9



Documents

Product Drawings

FC-325-3=MS27418-1C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1617806-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1617806-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1617806-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

CII FC-325 Series Relay

English