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

4-1617806-5

FC-325-6=MS27418-2C



CII | CII FC-325

TE Internal #: **4-1617806-5**

TE Internal Description: **FC-325-6=MS27418-2C**

Alias #: **FC-325-6**

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

Coil Suppression Diode : **Without**

Auxiliary Contacts : **Without**

Contact Current Rating (A): **25**

Coil Voltage Rating (VAC): **115**

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**Compatible Parts & Tooling**

**We are here to help!**

Get in touch with our product experts.



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**Documents**

**Features**

**Product Compliance**

Product Drawings

FC-325-6=MS27418-2C

[FC-325-6=MS27418-2C](#) English

CAD Files

3D PDF

[3D\\_CVM\\_CVM\\_4-1617806-5\\_A.pdf](#) 3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1617806-5\\_A.2d\\_dxf.zip](#)

English

[ENG\\_CVM\\_CVM\\_4-1617806-5\\_A.3d\\_igs.zip](#)

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[ENG\\_CVM\\_CVM\\_4-1617806-5\\_A.3d\\_stp.zip](#)

English

Datasheets & Catalog Pages

CII FC-325 Series Relay

[ENG\\_DS\\_1-1773871-3\\_fc325\\_0417.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Terminal Configuration : **Screw**

Relay Type : **Military/Aerospace Mid-Range**

Product Type : **Relay**

Enclosure Type : **Hermetically Sealed**

Electrical Characteristics

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

Signal Characteristics

Frequency (Hz): **50/400**

Contact Features

Contact Arrangement : **3 Form X, 3PST-NO-DM**  
 Auxiliary Contacts : **Without**  
 Contact Current Rating (A): **25**  
 Contact Base Material :  
**Silver Cadmium Oxide with Gold Plating**

Mechanical Attachment

Mounting Type : **Raised Vertical Flange Mount**

Usage Conditions

Operating Temperature Range (°C): **-70 – 125**

EU RoHS Directive 2011/65/EU

Substances: Cd, Pb

*This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).*

EU ELV Directive 2000/53/EC

Substances: Cd, Pb

China RoHS 2 Directive MIIT Order No 32, 2016

部件名称 (Component Name)	有害物质 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
4-1617806-5 继电器 (Relays)	X	O	X	O	O	O

本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.

- O: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。  
Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.
- X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。  
Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.



EU REACH  
Regulation (EC)  
No. 1907/2006

Current ECHA Candidate List: **JUL 2019 (201)**  
Candidate List Declared Against: **JAN 2019 (197)**

Halogen Content

Solder Process  
Capability

Not lead free process capable

Statement of  
Compliance

[Statement of Compliance pdf](#)

Compliance  
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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.

**THIS PRODUCT**

**TOP RESULTS**

MID-RANGE RELAYS  
**4-1617806-5**  
 FC-325-6=MS27418-2C



**In-Stock**

Contact Arrangement : **3 Form X, 3PST-NO-DM**  
 Coil Suppression Diode : **Without**  
 Auxiliary Contacts : **Without**  
 Contact Current Rating : **25 A**  
 Coil Voltage Rating : **115 VAC**

MID-RANGE RELAYS  
**FC-325-4**  
 FC-325-4=MS27418-2A



From **In-Stock**

Contact Arrangement : **3 Form X, 3PST-NO-DM**  
 Coil Suppression Diode : **Without**  
 Auxiliary Contacts : **Without**  
 Contact Current Rating : **25 A**  
 Coil Voltage Rating : **115 VAC**

MID-RANGE RELAYS  
**FC-325-3**  
 FC-325-3=MS27418-1C



From **In-Stock**

Contact Arrangement : **3 Form X, 3PST-NO-DM**  
 Coil Suppression Diode : **Without**  
 Auxiliary Contacts : **Without**  
 Contact Current Rating : **25 A**  
 Coil Voltage Rating : **115 VAC**

MID-RANGE RELAYS  
**FC-325-1**  
 FC-325-1=MS27418-1A



From **In-Stock**

Contact Arrangement : **3 Form X, 3PST-NO-DM**  
 Coil Suppression Diode : **Without**  
 Auxiliary Contacts : **Without**  
 Contact Current Rating : **25 A**  
 Coil Voltage Rating : **115 VAC**

Also in the Series | [CII FC-325](#)



Mid-Range Relays (16)