# FC-335-SY3 ✔ ACTIVE

CII | CII FC-335

TE Internal #: 1617807-3

General Purpose Power Relay, DC, Non-Polarized, Monostable, 3 Form X 3PST-NO-DM, 35 A Contact Rating, 28 VDC Coil Voltage, Chassis Mount, CII FC-335

View on TE.com >

Relays & Contactors > Electromechanical Relays



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

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

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

Current Type: **DC**

Contact Current Rating: **35 A**

## Features

### Product Type Features

| | |
|---|---|
| Relay & Contactor Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Contact Arrangement | 3 Form X 3PST-NO-DM |

### Electrical Characteristics

| | |
|---|---|
| Coil Resistance | 160 Ω |
| Contact Switching Voltage (Max) | 115 VAC, 200 VAC |
| Contact Current Rating | 35 A |
| Coil Voltage Rating | 28 VDC |

### Body Features

| | |
|---|---|
| Enclosure Type | Hermetically Sealed |

### Contact Features

| | |
|---|---|
| Contact Material | Silver Cadmium Oxide |
| Terminal Plating | Tin-Lead |

### Termination Features

| | |
|---|---|
| Main Termination & Connection Type | Screw Terminals |
| Coil Termination & Connection Type | Screw Terminals |

### Mechanical Attachment

| | |
|---|---|
| Product Mounting Feature Type | Mounting Brackets |
| Product Mount Type | Chassis Mount |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -70 – 125 °C[-94 – 257 °F] |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F] |

### Operation/Application

| | |
|---|---|
| Vibration Resistance | 10G's, 5 – 1000Hz |
| Shock Resistance | 50G's, 11ms |
| Coil Magnetic System | Non-Polarized, Monostable |
| Current Type | DC |

### Other

| | |
|---|---|
| Contact Current Class | >32 – ≤50 A |

## 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 Yet Reviewed |
| 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Cd (10% in Component Part)<br>Cadmium oxide (7.84% in M-15215-1)<br>Pb (.13% in M-15215-2)<br>**Article Safe Usage Statements:**<br>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 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 # 4-1617806-2
FC-325-3=MS27418-1C



TE Part # 5-1617806-4
FC-325-CW4=RELAY, 3PST



TE Part # 4-1617806-8
FC-325-CW8=RELAY 3PST

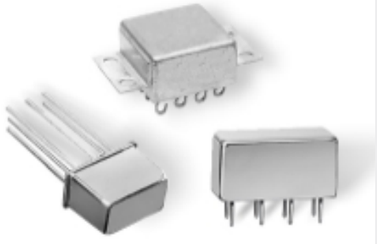


TE Part # 3-1617806-6
FC-325-5=MS27418-2B

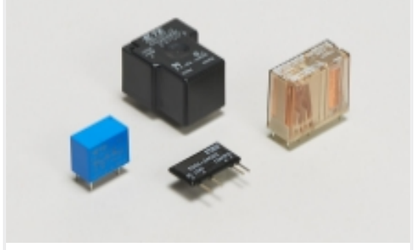


TE Part # 2-1617815-0
FC-325-SR4=RELAY 3PST DM

## Also in the Series | CII FC-335

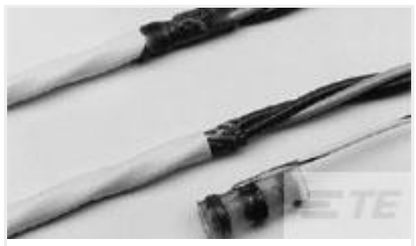


DC Relays(4)



General Purpose Power Relays(8)

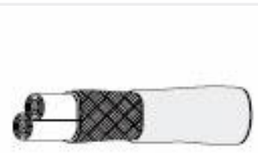
## Customers Also Bought



TE Part #620004-000
D-103-00



TE Part #ZPF000000000107200
787-8055-11M



TE Part #074911-000
55A1821-20-9/96-9CS2275



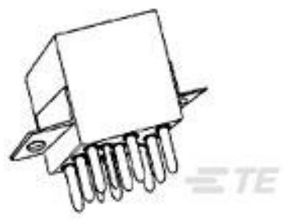
TE Part #650140-000
D-436-53



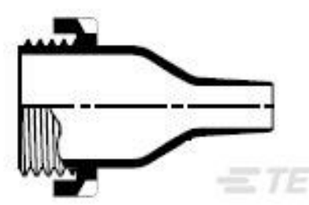
TE Part #680327-000
D-609-07



TE Part #CTL-12-513
JUNCTION ASSY



TE Part #3-1617753-8
FCA-325-AY3



TE Part #878121-000
207W223-3-01-0



TE Part #91067-2
INSERTION/EXTRACTION TOOL

TE Part #5-1617032-8
HFW1201S99 = HFW 1/2 SIZE RELA

## Documents

### Product Drawings

FC-335-SY3=RELAY, 3PST

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1617807-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1617807-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1617807-3_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-335 Series Relay

English