



CII

TE Internal #: 2-1617806-7

Time Delay Relays, Fixed, 28 VDC Input, 10A@28VDC A / 115VAC A, Delay on Operate, 1.5 seconds Delay Time, Raised Vertical Flange Mount

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Relays, Contactors & Switches > Relays > Time Delay Relays



Type of Control: **Fixed**

Time Delay Relay Input Voltage: **28 VDC**

Time Delay Relay Contact Current Rating: **10A@28VDC A, 115VAC A**

Mode of Operation: **Delay on Operate**

Delay Time: **1.5 seconds**

**Features**

**Product Type Features**

|                          |                          |
|--------------------------|--------------------------|
| Enclosure Type           | Hermetic Sealed Metallic |
| Product Type             | Relay                    |
| Relay Type               | Time Delay               |
| Product Category         | Electromechanical Relays |
| Magnetic Blow-Out Device | Without                  |

**Configuration Features**

|                        |         |
|------------------------|---------|
| Status Indicator Type  | None    |
| Multiple Timing Ranges | Without |

**Electrical Characteristics**

|                                |        |
|--------------------------------|--------|
| Actuating System               | DC     |
| Time Delay Relay Input Voltage | 28 VDC |

**Contact Features**

|   |                       |
|---|-----------------------|
| Contact Arrangement                     | 2 Form C, DPDT, 2 C/O |
| Contact Base Material                   | Silver Cadmium Oxide  |
| Type of Control                         | Fixed                 |
| Time Delay Relay Contact Current Rating | 10A@28VDC A, 115VAC A |
| Delay Time                              | 1.5 seconds           |

**Termination Features**



|                  |                      |
|------------------|----------------------|
| Termination Type | Solder Hook Terminal |
|------------------|----------------------|

### Mechanical Attachment

|                                |                              |
|--------------------------------|------------------------------|
| Time Delay Relay Mounting Type | Raised Vertical Flange Mount |
|--------------------------------|------------------------------|

### Dimensions

|                                      |   |
|--------------------------------------|---|
| Dimensions (L x W x H) (Approximate) | 25.79 x 25.79 x 25.4 mm[1.015 x 1.015 x 1 in] |
|--------------------------------------|---|

### Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 125 °C |
|-----------------------------|--------------|

### Operation/Application

|                   |                  |
|-------------------|------------------|
| Mode of Operation | Delay on Operate |
|-------------------|------------------|

### Other

|                     |      |
|---------------------|------|
| Repeatability (Max) | ±10% |
|---------------------|------|

## Product Compliance

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

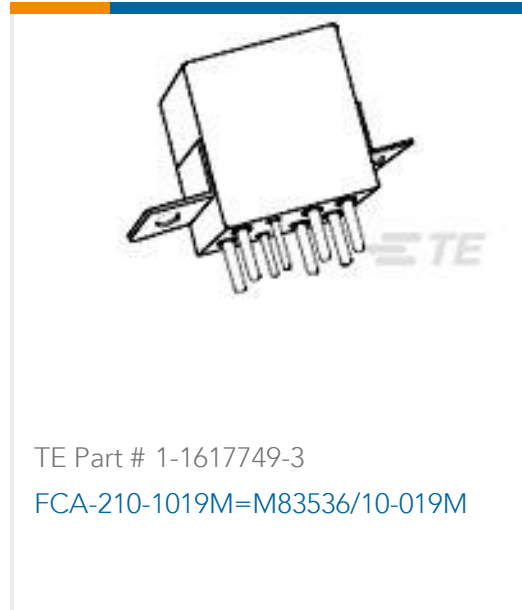
|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Not Compliant  |
| EU ELV Directive 2000/53/EC                   | Not Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content   |
| 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



## Documents

### Product Drawings

[TD228-1501S=TDFO 1.5 SEC](#)

English

### Datasheets & Catalog Pages

[High\\_Performance\\_Relays\\_Section5](#)

English