



Relays, Contactors & Switches > Relays > Time Delay Relays



Type of Control: **Knob**

Time Delay Relay Input Voltage: **125 VDC**

Time Delay Relay Contact Current Rating: **10A@240VAC A**

Mode of Operation: **On-Delay**

Delay Time: **1.5 – 15 seconds**

Features

Product Type Features

| | |
|--------------------------|--------------------------|
| Product Type | Relay |
| Relay Type | Time Delay |
| Product Category | Electromechanical Relays |
| Magnetic Blow-Out Device | Without |

Configuration Features

| | |
|------------------------|---------|
| Multiple Timing Ranges | Without |
|------------------------|---------|

Electrical Characteristics

| | |
|--------------------------------|---------|
| Actuating System | DC |
| Time Delay Relay Input Voltage | 125 VDC |

Contact Features

| | |
|---|-----------------------|
| Contact Arrangement | 2 Form C, DPDT, 2 C/O |
| Type of Control | Knob |
| Time Delay Relay Contact Current Rating | 10A@240VAC A |
| Delay Time | 1.5 – 15 seconds |

Termination Features

| | |
|------------------|-----------------|
| Termination Type | Screw Terminals |
|------------------|-----------------|

Mechanical Attachment

| | |
|--|--|
| | |
|--|--|

Time Delay Relay Mounting Type

Mounting Bracket

Dimensions

Dimensions (L x W x H) (Approximate)

114.8 x 65.3 x 71.9 mm[4.523 x 2.572 x 2.832 in]

Usage Conditions

Operating Temperature Range

-30 – 75 °C

Operation/Application

Mode of Operation

On-Delay

Other

Repeatability (Max)

±5%

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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)
 Candidate List Declared Against: JUN 2020 (209)
 SVHC > Threshold:
 Cadmium oxide (10% in Contact)

Article Safe Usage Statements:

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1423165-4
7024AD=RLY,STD,OFF,4P,120VAC,5



TE Part # 1-1423159-4
7012OE=RLY,STD,ON,2P,24VDC,200



TE Part # 3-1423162-6
7022JK=RLY,STD,OFF,2P,208VAC,



TE Part # 1423165-6
7024AK=RLY,STD,OFF,4P,120VAC,



TE Part # 8-1437458-9
7022X3B=RLY,STD,OFF,2P,110VDC



TE Part # 1755164-1
7022OBI2=RLY,STD,OFF,2P,24V,5S,I2



TE Part # 3-1755142-2
7022MEIM=RLY,STD,OFF,2P,28V,200S,I,M



TE Part # 7-1423164-8
7022VCM=RLY,STD,OFF,2P,32VDC,



TE Part # 7-1423159-1
7012PHX=RLY,STD,ON,2P,125VDC,



TE Part # 5-1423159-6
7012SKX=RLY,STD,ON,2P,250VDC,



TE Part # 1-1423164-1
7022OE=RLY,STD,OFF,2P,24VDC,2



TE Part # 8-1472969-6
7022PBX=RLY,STD,OFF,2P,125V,5S,X OPT



TE Part # 2-1755142-0
7022WCITV=RLY,STD,OFF,2P,96V,15S,I,T,V



TE Part # 2-1423157-0
7012AH=RLY,STD,ON,2P,120VAC,30



TE Part # 2-1423162-3
7022BC=RLY,STD,OFF,2P,240VAC,



TE Part # 1423159-2
7012NB=RLY,STD,ON,2P,48VDC,5 S



TE Part # 3-1423159-4
7012PJL=RLY,STD,ON,2P,125VDC,



TE Part # 1423160-4
7014AD=RLY,STD,ON,4P,120VAC,10



TE Part # 1-1423162-5
7022AI=RLY,STD,OFF,2P,120VAC,6



TE Part # 1-1423162-8
7022AK=RLY,STD,OFF,2P,120VAC,1

Documents

7012PC

Time Delay Relays, Knob, 125 VDC Input, 10A@240VAC A, On-Delay, 1.5 – 15 seconds Delay Time, Mounting Bracket



[Datasheets & Catalog Pages](#)

[5-1773450-5_sec12_7000](#)

English