



Relays, Contactors & Switches > Relays > Time Delay Relays



Type of Control: **Knob**

Time Delay Relay Input Voltage: **120 – 110 VAC**

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

Mode of Operation: **On-Delay**

Delay Time: **1 – 300 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
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### Electrical Characteristics

Actuating System	AC
Time Delay Relay Input Voltage	120 – 110 VAC

### 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 – 300 seconds

### Termination Features

Termination Type	Screw Terminals
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### 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)

±10%

## 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: JAN 2022 (223)  
 SVHC > Threshold:  
 Not Yet Reviewed

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 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 # 1423162-5  
7022AC=RLY,STD,OFF,2P,120VAC,1



TE Part # 1423161-8  
7014PD=RLY,STD,ON,4P,125VDC,10



TE Part # 2-1472973-2  
7012RCA2I=RLY,STD,ON,2P,60VDC,  
15SEC,A2,I



TE Part # 1423164-3  
7022NB=RLY,STD,OFF,2P,48VDC,5



TE Part # 1-1423157-3  
7012AEL=RLY,STD,ON,2P,120VAC,2



TE Part # 1423159-5  
7012NE=RLY,STD,ON,2P,48VDC,200



TE Part # 1423159-8  
7012NJ=RLY,STD,ON,2P,48VDC,12



TE Part # 6-1423159-9  
7012PDX=RLY,STD,ON,2P,125VDC,



TE Part # 1423164-8  
7022OB=RLY,STD,OFF,2P,24VDC,5



TE Part # 4-1423164-1  
7022RCM=RLY,STD,OFF,2P,60VDC,



TE Part # 1-1423160-6  
7014CD=RLY,STD,4P,480VAC,100SEC



TE Part # 1-1423166-4  
7024PE=RLY,STD,OFF,4P,125VDC,E



TE Part # 2-1423154-4  
2122DH39YD=RLY,MINI,OFF,2P,125V,  
3SEC



TE Part # 5-1437456-4  
7022OFV=24V DC 1-10 MINS



TE Part # 6-1423162-2  
7022CF=RLY,STD,OFF,2P,480VAC,  
10MIN



TE Part # 6-1755142-7  
7022X16HA2=RLY,STD,OFF,2P,21V,  
30M,A2



TE Part # 7-1423164-9  
7022SA=RLY,STD,OFF,2P,250VDC,1



TE Part # 7-1472973-8  
7012X10BL=RLY,STD,ON,2P,130V,5S,L  
OPT



TE Part # 2-1423159-2  
7012PBX=RLY,STD,ON,2P,125VDC,



TE Part # 5-1423159-4  
7012SFX=RLY,STD,ON,2P,250VDC,

7012AK

Time Delay Relays, Knob, 120 – 110 VAC Input, 10A@240VAC A, On-Delay, 1 – 300 seconds Delay Time, Mounting Bracket



## Documents

[Datasheets & Catalog Pages](#)

[5-1773450-5\\_sec12\\_7000](#)

English