



Relays & Contactors > Relays > Time Delay Relays



Type of Control: **Knob**
Input Voltage: **120 – 110 VAC**
Contact Current Rating: **10 A**
Mode of Operation: **On-Delay**
Delay Time: **1 – 300 seconds**

Features

Configuration Features

Contact Arrangement	2 Form C DPDT-CO
---------------------	------------------

Electrical Characteristics

Input Voltage	120 – 110 VAC
Contact Current Rating	10 A

Termination Features

Relay Connection Type	Terminals
Terminal Configuration	Screw Terminals

Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Chassis

Dimensions

Product Width	82.55 mm[3.25 in]
Product Length	114.8 mm[4.52 in]
Product Height	78.4 mm[3.09 in]

Usage Conditions

Operating Temperature Range	-30 – 75 °C
-----------------------------	-------------

Operation/Application

--	--



Repeatability (Max)	±10%
Current Type	AC
Type of Control	Knob
Mode of Operation	On-Delay
Delay Time	1 – 300 seconds

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 2024 (241) 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

7012AK

Knob, 120 – 110VAC Input Voltage, 10A Contact Current Rating, On-Delay, 1 – 300 seconds Delay Time, Chassis, Time Delay Relays



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



TE Part # 3-1423159-3
7012PJ=RLY,STD,ON,2P,125VDC,1



TE Part # 1423157-5
7012AC=RLY,STD,ON,2P,120VAC,15



TE Part # 3-1423159-9
7012PK=RLY,STD,ON,2P,125VDC 30



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

Customers Also Bought



TE Part #208721-1
RECEPT ASSY, SZ 14, CMC

TE Part #2-1423164-0
7022PC=RLY, STD, OFF, 2P, 125VDC, 1

TE Part #3-1423159-3
7012PJ=RLY, STD, ON, 2P, 125VDC, 1

TE Part #2-1423159-3
7012PC=RLY, STD, ON, 2P, 125VDC, 15

TE Part #213823-2
CMC DUST CAP ASSM, SIZE 14

TE Part #2271180-1
PLUG, 2PIN WIRE TO WIRE CONNECTOR

TE Part #2-1423159-6
7012PD=RLY, STD, ON, 2P, 125VDC, 50

TE Part #1-1423162-0
7022AF=RLY, STD, OFF, 2P, 120VAC, 1

TE Part #2-1423162-9
7022BK=RLY, STD, OFF, M2P, 240VAC, 1

Documents

Product Drawings

7012AK=RLY, STD, ON, 2P, 120VAC, 30

English

Datasheets & Catalog Pages

5-1773450-5_sec12_7000

English