



Micro Relay A

TE Internal #: 3-1393292-8

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 20 A Contact Rating, 24 VDC Coil Voltage, 24 VDC Contact Voltage, Micro Relay A

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Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Contact Current Rating: **20 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Arrangement	1 Form C SPDT-CO
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Electrical Characteristics

Contact Switching Load (Min)	1000mA @ 5VDC
Contact Limiting Short-Time Current	150 A
Contact Limiting Making Current	120 A
Coil Resistance	430 Ω
Contact Limiting Continuous Current	30 A
Contact Limiting Breaking Current	20 A
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Contact Current Rating	20 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	24 VDC
Coil Power Rating DC	1.34 W
Insulation Initial Dielectric Between Contacts & Coil	500 Vrms

Body Features

Product Weight	16 g[.565 oz]
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Enclosure Type	Dust Protected
Contact Features	
Contact Material	Silver Alloy
Termination Features	
Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals
Mechanical Attachment	
Product Mount Type	Socket Mount
Dimensions	
Product Width	15.5 mm[.61 in]
Product Length	23 mm[.906 in]
Product Height	25.4 mm[1 in]
Usage Conditions	
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	125 °C[257 °F]
Operation/Application	
Current Type	DC
Coil Magnetic System	Monostable
Other	
Contact Current Class	20 – 30 A
Coil Power Rating Class	1 – 1.5 W
Environmental Ambient Temperature Class	105 – 125 °C
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	20 – 25 mm
Width Class (Mechanical)	12 – 16 mm
Product Compliance	
For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

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

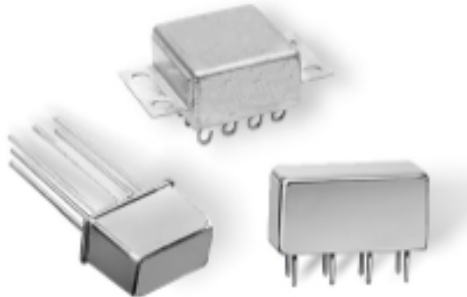
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2141022-1
RELAY BOX ASSY,HARD WIRED


Also in the Series | Micro Relay A



DC Relays(11)



Electromechanical Relays(15)




Plug-In Relays(15)

Customers Also Bought

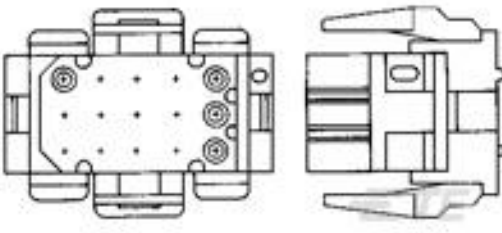




TE Part #1-1414168-0
V23134A0056X433-EV-CBOX



TE Part #CAT-AB0-E1608
Metal Locknut



TE Part #1-640525-0
24P MR II PLUG HSG V0



TE Part #5-1622796-4
YR1 0.1% 7K5



TE Part #2345388-1
2POS,AMP MCP 2.8,REC HSG ASSY, SLD,COD 1



TE Part #K1122785
Switch guard 08-0-0-02 907



TE Part #1622795-3
YR1 0.1% 3K01



TE Part #K1125793
Toggle Switch 07-1-2-13 929



TE Part #284259-1
BLANKING DEVICE ASS'Y X EMPTY

Documents

Product Drawings
V23074A1002A403-EV-CBOX

English

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_3-1393292-8_O.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_3-1393292-8_O.3d_igs.zip
- English
- Customer View Model
- ENG_CVM_CVM_3-1393292-8_O.3d_stp.zip
- English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



[MFINITY Modular Hard Wired Fuse and Relay Box](#)

English

[Automotive Relay Application Notes](#)

English

[Micro Relay A, Micro ISO, Plug-in](#)

English

[Product Specifications](#)

[Definitions General Purpose Relays](#)

English