



Relays & Contactors > Relays > Signal Relays > Cradle P/W Signal Relay V23003



Contact Voltage Rating: 125 VAC

Coil Power Rating DC: 150 mW

Product Mount Type: Socket

Coil Voltage Rating: 24 VAC

[All Cradle P/W Signal Relay V23003 \(0\)](#)

Features

Product Type Features

Relay Connection Type	Plug-In
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Electrical Characteristics

Actuating System	AC, DC
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Contact Limiting Making Current	2 A
Contact Limiting Short-Time Current	2 A
Contact Limiting Continuous Current	2 A
Coil Power Rating Class	1000 – 1500 mW
Insulation Initial Dielectric Between Adjacent Contacts	500 Vrms
Power Consumption	1500 mW
Input Voltage	125 VAC
Contact Limiting Breaking Current	2 A
Coil Resistance	1400 Ω
Contact Voltage Rating	125 VAC
Coil Power Rating DC	150 mW
Coil Voltage Rating	48 VDC
Contact Switching Voltage (Max)	125 VAC
Coil Magnetic System	Bistable, 2 Coils, Polarized



Body Features

Product Weight	25 g[1.058 oz]
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Contact Features

Contact Plating Material	Gold Flash
Contact Current Class	0 – 2 A
Contact Current Rating (Max)	5 A
Contact Arrangement	4 Form C (CO)
Contact Base Material	Nickel
Contact Number of Poles	2

Mechanical Attachment

Product Mounting Feature Type	Mounting Studs
Product Mount Type	Socket

Dimensions

Length Class (Mechanical)	20 – 25 mm
Height Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	12 – 16 mm
Product Width	19 mm[.748 in]
Product Length	24 mm[.944 in]
Product Height	30 mm[1.18 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-40 – 70 °C

Operation/Application

Performance Type	Standard
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Packaging Features

Packaging Method	Box & Carton
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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	Not Yet Reviewed



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 2024 (240) Candidate List Declared Against: JUN 2020 (209) 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	Wave solder capable to 265°C

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>

Also in the Series

Customers Also Bought



TE Part #5053344027
RNF-100-1-1/2-0-SP



TE Part #412147-000
BPTM-120/50-A/U-4(S25)



TE Part #3-1393813-6
V23054E 20B133



TE Part #3822293013
44A1121-20-0/9-9



TE Part #2-1393215-3
V23057-A0006-A201



TE Part #7-1393215-5
V23057-B0006-A101

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1393817-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1393817-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1393817-0_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Definitions General Purpose Relays

English

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-1393817-0](#)