



Relays & Contactors > Relays > Signal Relays > Cradle N Signal Relay V23162



Contact Voltage Rating: 125 VAC

Coil Power Rating DC: 140 mW

Isolation (HF Parameter): -20.7dB @ 900MHz, -39dB @ 100MHz

Insertion Loss (HF Parameter): -.02dB @ 100MHz, -.27dB @ 900MHz

[All Cradle N Signal Relay V23162 \(0\)](#)

Features

Product Type Features

Relay Connection Type	Plug-In
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Electrical Characteristics

Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Contacts and Coil	1500 Vrms
Coil Power Rating Class	800 – 1000 mW
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	1000000 MΩ
Power Consumption	800 mW
Input Voltage	250 VAC
Contact Limiting Breaking Current	5 A
Coil Resistance	2 Ω
Contact Voltage Rating	125 VAC
Coil Power Rating DC	140 mW
Coil Voltage Rating	24 VAC



Contact Switching Voltage (Max)	125 VAC
Coil Magnetic System	Monostable, DC

Signal Characteristics

Isolation (HF Parameter)	-20.7dB @ 900MHz, -39dB @ 100MHz
Insertion Loss (HF Parameter)	-.02dB @ 100MHz, -.27dB @ 900MHz

Body Features

Product Weight	35 g[1.058 oz]
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Contact Features

Contact Plating Material	Gold Flash
Contact Special Features	Single Contact
Contact Current Class	2 – 5 A
Contact Current Rating (Max)	.2 A
Contact Arrangement	2 Form C (CO)
Contact Base Material	Gold F
Contact Number of Poles	2

Mechanical Attachment

Product Mounting Feature Type	Mounting Studs
Product Mount Type	Socket

Dimensions

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

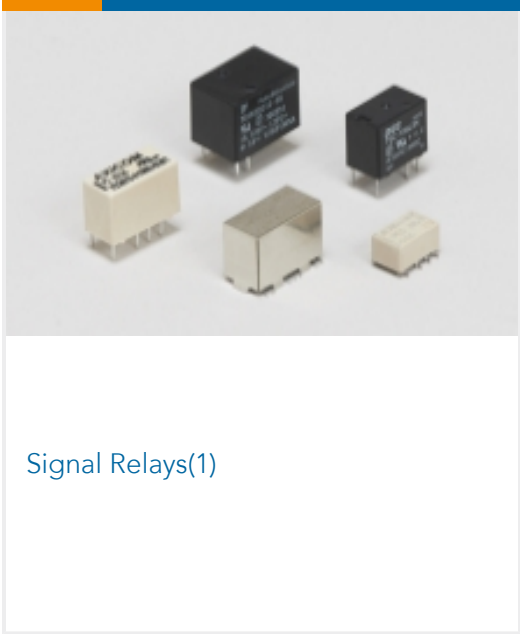
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	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 2024 (240) Candidate List Declared Against: JAN 2022 (223) 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 | Axicom Cradle Relay N



Customers Also Bought



 <p>TE Part #856164-000 202K163-25-02/225-0</p>	 <p>TE Part #1-1393819-4 V23162B 721F104</p>	 <p>TE Part #1393817-7 V23003A 37B104</p>	 <p>TE Part #925451-1 M-N-L SOCKET HSG</p>
 <p>TE Part #1624214-2 23SE 100KB 6.35X50FL B7 DPST (4A)</p>	 <p>TE Part #925256-1 40P MDM GEHAEUSE</p>	 <p>TE Part #7-530655-4 CONN LOW PRO 15 POS 156X200C/L</p>	 <p>TE Part #1625939-1 PC910 100R</p>

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_7-1393818-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1393818-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1393818-2\_A.3d\_stp.zip

English

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Product Specifications

Product Specification

English

Definitions General Purpose Relays

English