



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



Contact Voltage Rating: 125 VAC

Coil Power Rating DC: 654 mW

Product Mount Type: Socket

Coil Voltage Rating: 12 VDC

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

Features

Product Type Features

| | |
|-----------------------|---------|
| Relay Connection Type | Plug-In |
|-----------------------|---------|

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 | 600 – 800 mW |
| Insulation Initial Dielectric Between Adjacent Contacts | 1000 Vrms |
| Power Consumption | 800 mW |
| Input Voltage | 250 VAC |
| Contact Limiting Breaking Current | 5 A |
| Coil Resistance | 220 Ω |
| Contact Voltage Rating | 125 VAC |
| Coil Power Rating DC | 654 mW |
| Coil Voltage Rating | 12 VDC |
| Contact Switching Voltage (Max) | 125 VAC |
| | |



| | |
|----------------------|----------------|
| Coil Magnetic System | Monostable, DC |
|----------------------|----------------|

Body Features

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|----------------|----------------|
| Product Weight | 35 g[1.058 oz] |
|----------------|----------------|

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 | 6 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 |
|------------------|----------|

Packaging Features

| | |
|------------------|--------------|
| Packaging Method | Box & Carton |
|------------------|--------------|

Product Compliance

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

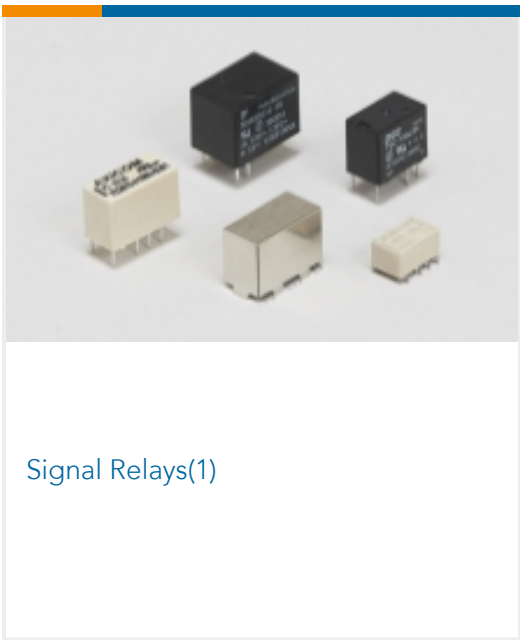


| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2022 (224) 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



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1393818-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1393818-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1393818-0_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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[9-1393818-0](#)