



Relays, Contactors & Switches > Relays > Signal Relays > Signal Relays: 5 amp, Monostable DC



Contact Voltage Rating: 125 VAC

Signal Relay Mounting Type: Screw Mount, Socket

Signal Relay Terminal Type: Plug-In, Solder

Signal Relay Contact Current Rating: 2 A

[All Signal Relays: 5 amp, Monostable DC \(138\)](#)

Features

Product Type Features

| | |
|--------------|------------------------------|
| Relay Type | Cradle N Relay V23154/V23162 |
| Relay Style | Cradle N Relay |
| Product Type | Relay |

Electrical Characteristics

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|--|--------------|
| Coil Power Rating Class | 600 – 800 mW |
| Actuating System | AC/DC |
| Input Voltage | 150 VDC |
| Insulation Initial Dielectric Between Open Contacts | 500 Vrms |
| Contact Limiting Short-Time Current | 2 A |
| Insulation Initial Dielectric Between Contacts and Coil | 1000 Vrms |
| Insulation Initial Dielectric Between Coil/Contact Class | 500 – 1000 V |
| Insulation Initial Dielectric Between Adjacent Contacts | 500 Vrms |
| Power Consumption | 800 mW |
| Contact Limiting Making Current | 2 A |
| Coil Resistance | 7600 Ω |
| Contact Limiting Continuous Current | 2 A |
| Coil Type | Monostable |
| Contact Limiting Breaking Current | 2 A |



| | |
|--|----------------|
| Contact Voltage Rating | 125 VAC |
| Signal Relay Contact Switching Voltage (Max) | 125 VAC |
| Signal Relay Coil Magnetic System | Monostable, DC |

Body Features

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|--------|---------------|
| Weight | 25 g[.883 oz] |
|--------|---------------|

Contact Features

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|-------------------------------------|------------------|
| Contact Plating Material | Gold Flash |
| Contact Current Class | 0 – 2 A |
| Contact Special Features | Single Contact |
| Signal Relay Terminal Type | Plug-In, Solder |
| Signal Relay Contact Current Rating | 2 A |
| Contact Material | Ag, Gold Flashed |
| Contact Number of Poles | 6 |

Termination Features

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|------------------|----------------|
| Termination Type | Plug-In/Solder |
|------------------|----------------|

Mechanical Attachment

| | |
|----------------------------|---------------------|
| Signal Relay Mounting Type | Screw Mount, Socket |
|----------------------------|---------------------|

Dimensions

| | |
|--------------------------------------|--|
| Width Class (Mechanical) | 16 – 20 mm |
| Width | 19 mm[.748 in] |
| Height | 30 mm[1.181 in] |
| Length Class (Mechanical) | 25 – 30 mm |
| Height Class (Mechanical) | 25 – 30 mm |
| Length | 30 mm[1.181 in] |
| Dimensions (L x W x H) (Approximate) | 19 x 30 x 30 mm[.748 x 1.181 x 1.181 in] |

Usage Conditions

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

Packaging Features

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

Other



| | |
|---------------------|---|
| Additional Features | Earth Terminal, Silver-Plated Terminals |
|---------------------|---|

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: JUL 2021 (219) Candidate List Declared Against: JAN 2018 (181) 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 | 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>

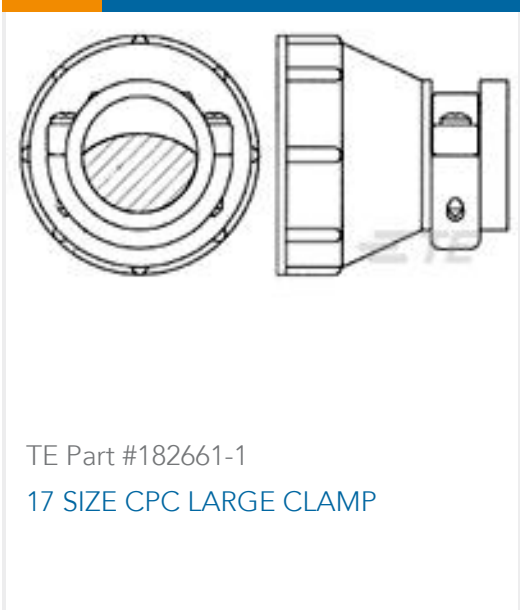
Compatible Parts



Also in the Series | Axicom Cradle Relay N



Customers Also Bought



Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1393808-8_A.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_1393808-8_A.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1393808-8_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

[Product Specification](#)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1393808-8](#)