



Axicom | Axicom Cradle Relay N

TE Internal #: 1-1393807-6

Signal Relays, 150 VDC Contact Voltage, 125 VAC Contact Voltage, 806 mW Coil Power (DC), Screw Mount / Socket, Solder / Plug-In, Axicom Cradle Relay N

[View on TE.com >](#)

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



Contact Voltage Rating: **150 VDC**

Signal Relay Coil Power Rating (DC): **806 mW**

Signal Relay Mounting Type: **Screw Mount, Socket**

Signal Relay Terminal Type: **Plug-In, Solder**

[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

Coil Power Rating Class	800 – 1000 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	15000 Ω
Contact Limiting Continuous Current	2 A
Coil Type	Monostable
Contact Limiting Breaking Current	2 A



Contact Voltage Rating	150 VDC
Signal Relay Coil Power Rating (DC)	806 mW
Signal Relay Coil Voltage Rating	110 VDC
Signal Relay Contact Switching Voltage (Max)	150 VDC
Signal Relay Coil Magnetic System	Monostable, DC

### Body Features

Weight	20 g[.706 oz]
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### Contact Features

Contact Plating Material	Gold
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	2

### Termination Features

Termination Type	Plug-In/Solder
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### Mechanical Attachment

Signal Relay Mounting Type	Screw Mount, Socket
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### Dimensions

Width Class (Mechanical)	12 – 16 mm
Width	13 mm[.512 in]
Height	30 mm[1.181 in]
Length Class (Mechanical)	20 – 25 mm
Height Class (Mechanical)	25 – 30 mm
Length	24 mm[.945 in]
Dimensions (L x W x H) (Approximate)	19 x 24 x 30 mm[.748 x .945 x 1.181 in]

### Usage Conditions

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

### Packaging Features

Packaging Method	Box & Carton
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### Other

Additional Features	Earth Terminal, Silver-Plated Terminals
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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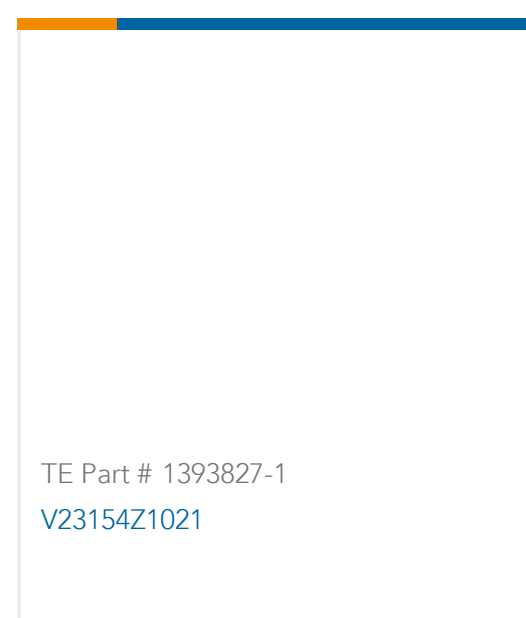
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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### Product Compliance Disclaimer

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



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393807-6\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393807-6\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393807-6\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Definitions, Handling, Processing, Testing and Use of Relays

English

#### Product Specification

English