



Relays, Contactors & Switches > Relays > Signal Relays > CRADLE N RELAY V23162



Contact Voltage Rating: **36 VAC**

Signal Relay Coil Power Rating (DC): **450 mW**

Signal Relay Mounting Type: **Printed Circuit Board**

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

[All CRADLE N RELAY V23162 \(71\)](#)

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	600 – 800 mW
Actuating System	DC
Input Voltage	36 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
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Making Current	.2 A
Coil Resistance	325 Ω
Contact Limiting Continuous Current	2 A
Coil Type	Monostable



Contact Limiting Breaking Current	.2 A
Contact Voltage Rating	36 VAC
Signal Relay Coil Power Rating (DC)	450 mW
Signal Relay Coil Voltage Rating	60 VAC
Signal Relay Contact Switching Voltage (Max)	36 VAC
Signal Relay Coil Magnetic System	Monostable, DC

Body Features

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

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
Signal Relay Contact Arrangement	6 Form C (CO)
Contact Material	Nickel
Contact Number of Poles	4

Termination Features

Termination Type	Solder Terminals
------------------	------------------

Mechanical Attachment

Signal Relay Mounting Type	Printed Circuit Board
----------------------------	-----------------------

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

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



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 2021 (211) Candidate List Declared Against: JUN 2016 (169) 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-AX41-C8422
CRADLE RELAY ACCESSORY

Also in the Series | Axicom Cradle Relay N



Signal Relays(209)

Customers Also Bought



TE Part #T2111092201-007
HMN-009-F



TE Part #1558662-4
T9GV2L14-15



TE Part #1-2336396-1
ASSEMBLY, LIGHT CONTROLLER
BASE, W/VENT



TE Part #2170808-1
QSFP28, 1X2, CAGE ASSY, SPRING,
HS, LP



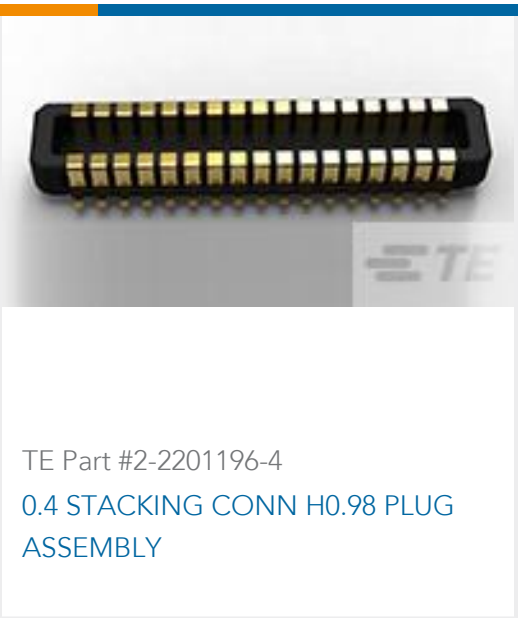
TE Part #11032254-00
EMITTER 660/940NM 1 2



TE Part #177915-9
POWER DBL LOCK REC CONT



TE Part #2-1969541-8
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2-2201196-4
0.4 STACKING CONN H0.98 PLUG
ASSEMBLY



TE Part #2-2170708-1
CAGE ASSY, 1X6, QSFP28, SPRING,
HS, LP



TE Part #1-1969609-2
12P VAL-U-LOK TPA 26-22 AWG



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1393818-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1393818-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1393818-2_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:](#)

[9-1393818-2](#)