



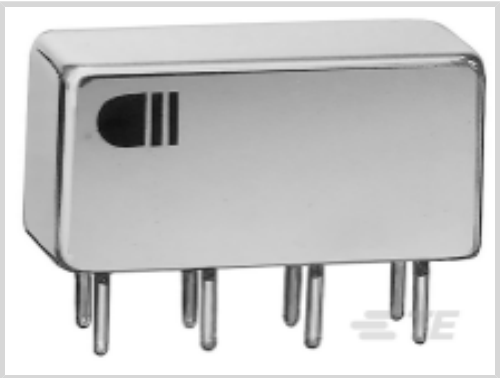
CII

TE Internal #: 1-1617515-4

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 2 A Contact Rating, 6 VDC Coil Voltage, .642 W Coil Power

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays > DPDT Signal Relay: Electrically-Held, With Coil Suppression



Relay & Contactor Type: **General Purpose Signal Relay**

Current Type: **DC**

Coil Magnetic System: **Non-Polarized, Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **2 A**

[All DPDT Signal Relay: Electrically-Held, With Coil Suppression \(46\)](#)

Features

Usage Conditions

| | |
|---|----------------|
| Operating Temperature Range | -65 – 125 °C |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F] |

Electrical Characteristics

| | |
|---------------------------------|--------|
| Coil Resistance | 56 Ω |
| Contact Switching Voltage (Max) | 28 VDC |
| Contact Current Rating | 2 A |
| Coil Voltage Rating | 6 VDC |
| Coil Power Rating DC | .642 W |

Configuration Features

| | |
|-----------------------|--|
| Coil Special Features | Coil Suppression Diode, Coil Polarity Protection Diode |
| Contact Arrangement | 2 Form C DPDT-CO |

Operation/Application

| | |
|----------------------|--------------------|
| Vibration Resistance | 30G's, 10 – 3000Hz |
| Shock Resistance | 75 G's, 6ms |
| Current Type | DC |



Coil Magnetic System

Non-Polarized, Monostable

Product Type Features

| | |
|------------------------|------------------------------|
| Relay & Contactor Type | General Purpose Signal Relay |
|------------------------|------------------------------|

Body Features

| | |
|----------------|---------------------|
| Enclosure Type | Hermetically Sealed |
|----------------|---------------------|

Other

| | |
|--------------------|---------------|
| EU RoHS Compliance | Not Compliant |
| EU ELV Compliance | Not Compliant |

Product Compliance

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

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not lead free process capable |

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 # 1-1617076-5
[3SBH1148A2 = M39016/14-006M](#)

Customers Also Bought



TE Part #205164-6
[AMPLIMITE,ASY,PLUG,109,2](#)



TE Part #205163-5
[RECEPT ASSY,15 POSN,AMPLIMITE](#)



TE Part #2329358-1
[PB OFF/ON HC BLK M1 TERM IP68 500MM L](#)



TE Part #9-2176370-7
[RQ 0603 4K32 0.1% 10PPM 5K RL](#)



TE Part #1622722-1
[LR2 1% 27K](#)



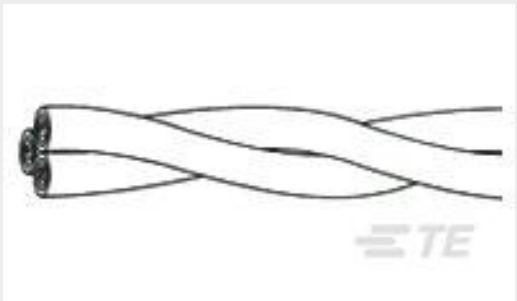
TE Part #9-1879745-2
[RP 1J 4K87 0.1% 15PPM CUT LENGTH](#)



TE Part #1622730-1
[LR2 1% 30K](#)



TE Part #3832233001
[44A0121-26-0/2](#)



TE Part #382410-000
[44A0131-20-3/6/9](#)



TE Part #1-1879259-6
[RP 2B 1K37 0.1% 15PPM CUT LENGTH](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1617515-4_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1617515-4_O.3d_igs.zip](#)

English

3SBC1663A2

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO,
2 A Contact Rating, 6 VDC Coil Voltage, .642 W Coil Power



Customer View Model

[ENG_CVM_CVM_1-1617515-4_O.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[5-1773450-5_sec1_3SBC](#)

English