

3SAM1821A2

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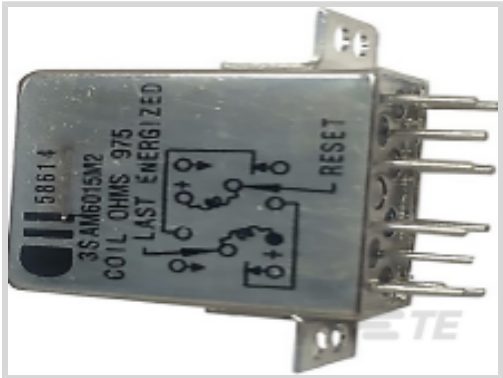
TE Internal #: 8-1617349-9

General Purpose Signal Relay, DC, Polarized, Bistable, Latching, 2 Form C DPDT-CO, 2 A Contact Rating, 26.5 VDC Coil Voltage, .72 W Coil Power

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays > DPDT Signal Relay: Magnetic-Latched, Full-Size, 2 Form C



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

Current Type: **DC**

Coil Magnetic System: **Polarized, Bistable, Latching**

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

Contact Current Rating: **2 A**

[All DPDT Signal Relay: Magnetic-Latched, Full-Size, 2 Form C \(11\)](#)

Features

Product Type Features

Relay & Contactor Type	General Purpose Signal Relay
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Configuration Features

Contact Arrangement	2 Form C DPDT-CO
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Electrical Characteristics

Coil Resistance	975 $\Omega$
Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	2 A
Coil Voltage Rating	26.5 VDC
Coil Power Rating DC	.72 W

Body Features

Enclosure Type	Hermetically Sealed
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Termination Features

Main Termination & Connection Type	Solder Hook Terminals
Coil Termination & Connection Type	Solder Hook Terminals

Mechanical Attachment

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Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Chassis Mount

Usage Conditions

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

Operation/Application

Vibration Resistance	30G's, 10 – 3000Hz
Shock Resistance	100G's, 6ms
Current Type	DC
Coil Magnetic System	Polarized, Bistable, Latching

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 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 2025 (247) Candidate List Declared Against: JUN 2020 (209) 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	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 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

3SAM1821A2

General Purpose Signal Relay, DC, Polarized, Bistable, Latching, 2 Form C DPDT-CO,  
2 A Contact Rating, 26.5 VDC Coil Voltage, .72 W Coil Power





TE Part # 1617086-5  
[3SBM1070A2 = M39016/31-002M](#)

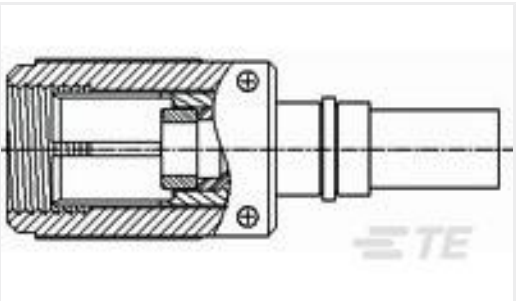


TE Part # CAT-3SBM-4PDT-WCS  
[4PDT Relay: Magnetic-Latched, With Coil Suppression](#)

Customers Also Bought



TE Part #204515-3  
[AMPLITE,ASY,PLUG,STD,90,2,KIT](#)



TE Part #849741-000  
[D-621-0411](#)



TE Part #1825622-2  
[N1B04=Nut Decorative](#)



TE Part #3-87631-1  
[36 MODIV HSG COMP DR .100 POL](#)



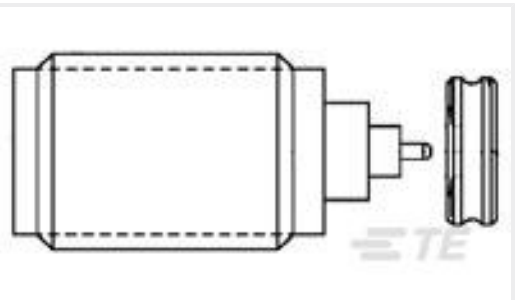
TE Part #1052080-1  
[2037 5009 00](#)



TE Part #1617029-8  
[HFW1130G02 = M39016/6-211L](#)



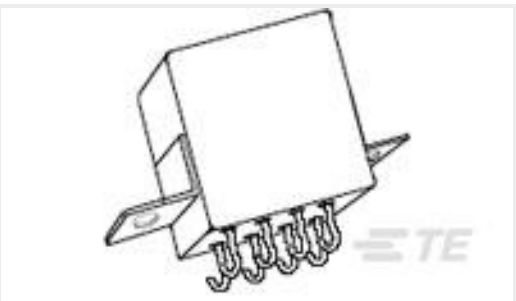
TE Part #1063399-1  
[8582 2361 02,ADAPTER 2.4/2.9](#)



TE Part #1053256-1  
[2058 5305 00](#)



TE Part #6059674-1  
[4558 5335 02](#)



TE Part #1617752-8  
[FCA-210-CY7](#)

Documents

Product Drawings

[3SAM1821A2=M39016/32-003](#)

English

Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_3SAM](#)

English