# 3SAM1821A2 ✔ ACTIVE

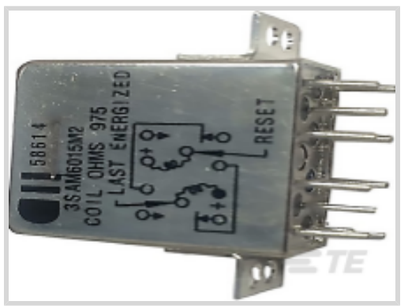
CII

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**

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

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

Current Type: **DC**

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 |

### Configuration Features

| | |
|---|---|
| Contact Arrangement | 2 Form C DPDT-CO |

### Electrical Characteristics

| | |
|---|---|
| Coil Resistance | 975 Ω |
| 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 |

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| 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 |
| Coil Magnetic System | Polarized, Bistable, Latching |
| Current Type | DC |

### Other

| | |
|---|---|
| Contact Current Class | ≤2 A |
| Coil Power Rating Class | >.6 – ≤1 W |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

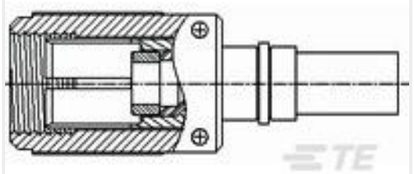


TE Part # CAT-3SBM-4PDT-WCS
4PDT Relay: Magnetic-Latched, With Coil Suppression



TE Part # 1617086-5
3SBM1070A2 = M39016/31-002M

## Customers Also Bought



TE Part #849741-000
D-621-0411



TE Part #3-87631-1
36 MODIV HSG COMP DR .100 POL



TE Part #204515-3
AMPLIMITE,ASY,PLUG,STD,90,2,KIT



TE Part #1052080-1
2037 5009 00



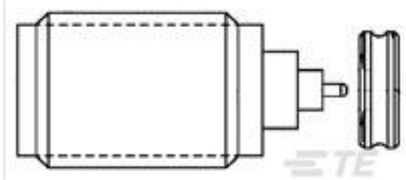
TE Part #1617029-8
HFW1130G02 = M39016/6-211L



TE Part #1825622-2
N1B04=Nut Decorative



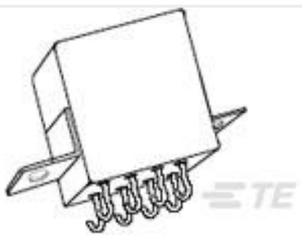
TE Part #1063399-1
8582 2361 02,ADAPTER 2.4/2.9



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