

**A1077W**

✓ ACTIVE

**Hartman**

TE Internal #: 1616081-4

DC Contactors, Contact Arrangement SPDT, 100A Contact Current Rating, 50Ω Coil Resistance, 28VDC Coil Voltage Rating, 6-32 UNC-2A Stud

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Relays &amp; Contactors &gt; Contactors &gt; Mil-Aero Contactors &gt; DC Contactors &gt; SPDT DC Contactors, 200A

Contact Arrangement: **SPDT**Contact Current Rating: **100 A**Coil Resistance: **50 Ω**Coil Voltage Rating: **28 VDC**Coil Termination & Connection Type: **6-32 UNC-2A Stud**[All SPDT DC Contactors, 200A \(11\)](#)

## Features

### Configuration Features

Auxiliary Switch Contact Arrangement	DPDT
Contact Arrangement	SPDT
Number of Poles	1

### Electrical Characteristics

Contact Current Rating	100 A
Coil Resistance	50 Ω
Coil Voltage Rating	28 VDC
Contact Switching Voltage (Max)	28 VDC

### Body Features

Enclosure Type	Sealed
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### Termination Features

Mains Termination & Connection Type	1/4-28 UNF-2A Stud
Auxiliary Termination & Connection Type	6-32 UNC-2A Stud
Coil Termination & Connection Type	6-32 UNC-2A Stud

### Mechanical Attachment

Torque (Main)	56.3 in-lbs
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Torque (Coil)	7.5 in-lbs
Product Mounting Feature Type	Mounting Plate
Torque (Auxiliary)	7.5 in-lbs
Product Mount Type	Chassis

### Operation/Application

Actuating System	DC
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 applicable for solder process capability

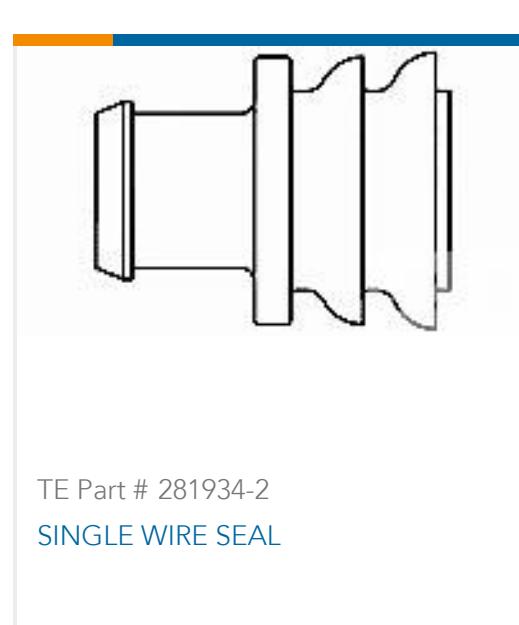
#### Product Compliance Disclaimer

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-DC-A1077  
SPDT DC Contactors, 200A

## Customers Also Bought

TE Part # DT04-2P  
REC, 2P, GRY, NTE Part # DT06-2S  
PLG, 2P, GRY, NTE Part # W2S  
Wedgelocks: DEUTSCH DTTE Part # 0460-202-16141  
DEUTSCH Solid ContactsTE Part # 282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part # 281934-2  
SINGLE WIRE SEALTE Part # 114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### Product Drawings

#### A1077W=RELAY

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1616081-4\\_J.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1616081-4\\_J.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1616081-4\\_J.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

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English