A1077W ✔ ACTIVE

Hartman

TE Internal #: 1616081-4

General Purpose Contactor, DC, SPDT, 100 A Contact Rating, 28 VDC Coil Voltage, Chassis Mount, Environmentally Sealed

View on TE.com >

Relays & Contactors > Electromechanical Relays > SPDT DC Contactors, 200A



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

Current Type: **DC**

Contact Arrangement: **SPDT**

Contact Current Rating: **100 A**

Coil Voltage Rating: **28 VDC**

All SPDT DC Contactors, 200A (11)

Features

Mechanical Attachment

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

Termination Features

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

Electrical Characteristics

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

Configuration Features

Auxiliary Switch Contact Arrangement	DPDT
Contact Number of Poles	1

Contact Arrangement	SPDT

Product Type Features

Relay & Contactor Type	General Purpose Contactor

Operation/Application

Current Type	DC

Body Features

Enclosure Type	Environmentally 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	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 #5-1618398-0
EV100AAANA=CONTACTOR, SPST-NO 9-36Vdc



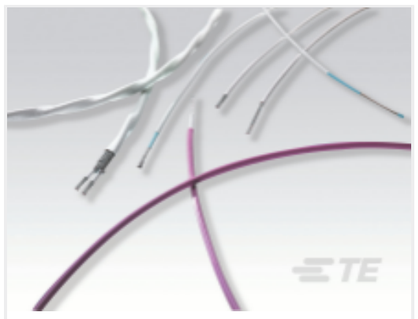
TE Part #340907-000
55PC0211-22-9



TE Part #316073-000
55A1121-16-9/96-9



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #872291-000
55PC2141-20-9/93/95/96-9



TE Part #6-1616965-1
K400A4C1=CONTACTOR 400 AMP 28 VDC



TE Part #ZPF000000000008632
983-6S 16-24 SN



TE Part #ZPF000000000008147
983-6K 18-31 SN

TE Part #1616037-2
DH25B=RELAY

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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

5-1773450-5_sec6_A-1077

English