NN233C ✔ ACTIVE

Hartman

TE Internal #: 1616095-2

General Purpose Contactor, DC, SPDT, 60 A Contact Rating, 28 VDC Coil Voltage, Chassis Mount, Environmentally Sealed

View on TE.com >

Relays & Contactors > Electromechanical Relays > SPST DC Contactor: 100A



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

Contact Current Rating: **60 A**

Contact Arrangement: **SPDT**

Current Type: **DC**

Coil Voltage Rating: **28 VDC**

All SPST DC Contactor: 100A (5)

Features

Product Type Features

Relay & Contactor Type	General Purpose Contactor

Configuration Features

Auxiliary Switch Contact Arrangement	1 Form C, SPDT-NC
Contact Arrangement	SPDT
Contact Number of Poles	1

Electrical Characteristics

Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	60 A
Coil Voltage Rating	28 VDC
Coil Resistance	170 Ω

Body Features

Enclosure Type	Environmentally Sealed

Termination Features

Auxiliary Termination & Connection Type	4-40 UNC-2A Stud
Main Termination & Connection Type	10-32 UNC-2A Stud
Coil Termination & Connection Type	4-40 UNC-2A Stud

Mechanical Attachment

Torque (Main)	24 in-lbs
Product Mounting Feature Type	Mounting Plate
Torque (Auxiliary)	3.3 in-lbs
Torque (Coil)	3.3 in-lbs
Product Mount Type	Chassis Mount

Operation/Application

Current Type	DC

Other

Contact Current Class	>50 – ≤200 A

Product Compliance

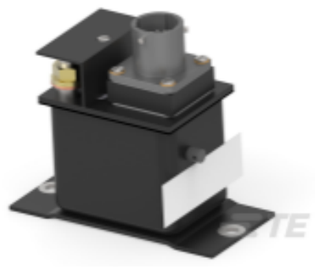
For compliance documentation, visit the product page on TE.com>

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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.

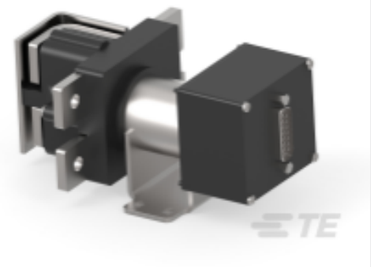
Compatible Parts



TE Part # CAT-DC-NN
SPST DC Contactor: 100A



TE Part # 9-1616982-7
A1077B1=CONTACTOR SPDT 200 AMP, 28 VDC



TE Part # CAT-DC-KD400
DC Contactor: Normally Closed 400A

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



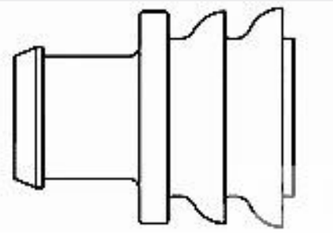
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

NN233C (FAA/PMA)=RELAY

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1616095-2_R.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1616095-2_R.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1616095-2_R.3d_stp.zip

English

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

Datasheets & Catalog Pages

NN233C (FAA/PMA) RELAY

English