

A931F

✓ ACTIVE

Hartman

TE Internal #: 1616060-1

DC Contactors, SPST NC, 600 A, 30 VDC Coil Voltage, 86.5  $\Omega$  Coil Resistance, 28 VDC Coil Voltage, Stud, 28 VDC Switching Voltage, Chassis, 1

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Relays, Contactors & Switches > Contactors > Mil-Aero Contactors > DC Contactors



DC Contactor Contact Arrangement: **SPST NC**

DC Contactor Contact Current Rating: **600 A**

Coil Voltage (Max): **30 VDC**

DC Contactor Coil Resistance: **86.5  $\Omega$**

DC Contactor Coil Voltage Rating: **28 VDC**

Features

Product Type Features

|                        |                          |
|------------------------|--------------------------|
| Arc Cover              | Without                  |
| Product Classification | Relays - Contactors      |
| Product Type           | Contactor                |
| Product Category       | Electromechanical Relays |
| Contactor Type         | Sealed                   |
| Terminal Configuration | 8-32 UNC-2A Stud         |

Configuration Features

|                                      |         |
|--------------------------------------|---------|
| Auxiliary Switch Contact Arrangement | DPST NO |
|--------------------------------------|---------|

Electrical Characteristics

|                                              |               |
|----------------------------------------------|---------------|
| Actuating System                             | DC            |
| Coil Voltage (Max)                           | 30 VDC        |
| DC Contactor Coil Resistance                 | 86.5 $\Omega$ |
| DC Contactor Coil Voltage Rating             | 28 VDC        |
| DC Contactor Contact Switching Voltage (Max) | 28 VDC        |

Contact Features

|                                     |         |
|-------------------------------------|---------|
| DC Contactor Contact Arrangement    | SPST NC |
| DC Contactor Contact Current Rating | 600 A   |
| Pole Configuration                  | 1       |



Termination Features

|                  |      |
|------------------|------|
| Coil Termination | Stud |
|------------------|------|

Mechanical Attachment

|                            |         |
|----------------------------|---------|
| Mounting Plate             | With    |
| DC Contactor Mounting Type | Chassis |

Other

|        |                                                 |
|--------|-------------------------------------------------|
| Torque | 112 in-lbs (Mains) 15 in-lbs (Coil, Aux) in-lbs |
|--------|-------------------------------------------------|

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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>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



Documents

Product Drawings

A931F=CONTACTOR, SPST-NC, 600A

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1616060-1\_G.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1616060-1\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1616060-1\_G.3d\_stp.zip

English

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Datasheets & Catalog Pages

5-1773450-5\_sec6\_A-931

English