



Relays & Contactors > Electromechanical Relays



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

Contact Current Rating: **600 A**

Contact Arrangement: **SPST NC**

Current Type: **DC**

Coil Voltage Rating: **28 VDC**

Features

Product Type Features

|                        |                           |
|------------------------|---------------------------|
| Relay & Contactor Type | General Purpose Contactor |
|------------------------|---------------------------|

Configuration Features

|                                      |         |
|--------------------------------------|---------|
| Auxiliary Switch Contact Arrangement | DPST NO |
| Contact Arrangement                  | SPST NC |
| Contact Number of Poles              | 1       |

Electrical Characteristics

|                                 |        |
|---------------------------------|--------|
| Contact Switching Voltage (Max) | 28 VDC |
| Contact Current Rating          | 600 A  |
| Coil Voltage Rating             | 28 VDC |
| Coil Resistance                 | 86.5 Ω |

Body Features

|                |                        |
|----------------|------------------------|
| Enclosure Type | Environmentally Sealed |
|----------------|------------------------|

Termination Features

|                                         |                    |
|-----------------------------------------|--------------------|
| Auxiliary Termination & Connection Type | 8-32 UNC-2A Stud   |
| Main Termination & Connection Type      | 3/8-24 UNF-2A Stud |
| Coil Termination & Connection Type      | 8-32 UNC-2A Stud   |

Mechanical Attachment

|               |              |
|---------------|--------------|
| Torque (Main) | 112.5 in-lbs |
|---------------|--------------|



|                               |                |
|-------------------------------|----------------|
| Product Mounting Feature Type | Mounting Plate |
| Torque (Auxiliary)            | 15 in-lbs      |
| Torque (Coil)                 | 15 in-lbs      |
| Product Mount Type            | Chassis Mount  |

Operation/Application

|              |    |
|--------------|----|
| Current Type | DC |
|--------------|----|

Other

|                       |        |
|-----------------------|--------|
| Contact Current Class | >500 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Cd (15% in Component Part)<br>Cadmium oxide (15% in Component Part)<br>Pb (3.7% in 74019790)<br><b>Article Safe Usage Statements:</b><br>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 # 1616083-7  
A981S=CONTACTOR

Customers Also Bought



TE Part #047011-000  
AD-1522-1-CRIMPING-TOOL



TE Part #DG1236R18-09S1  
PLUG ASSY



TE Part #12331-20  
CONT PIN



TE Part #ABC06G-20S-4048  
IN-LINE PLUG



TE Part #354940-1  
PRO-CRIMPER III FRAME W/O DIES



TE Part #3-1393247-2  
W31-X2M1G-10=W23/W31



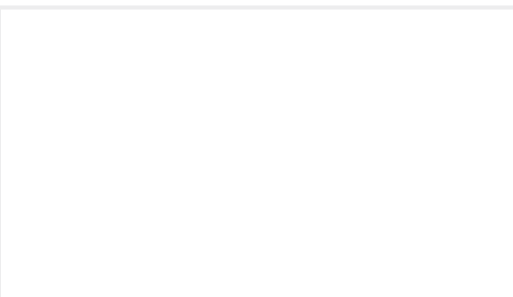
TE Part #1609112-8  
10CS1 M0=F7803



TE Part #1623195-1  
CRG0805 1% 330R



TE Part #EM0562-000  
55A0811-16-9CS3476



TE Part #Y22630-12-10PC0330  
HERM RECP

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

5-1773450-5\_sec6\_A-931

English