

5-1618398-0 ✓ ACTIVE

Kilovac | Kilovac EV100

TE Internal #: 5-1618398-0

Contact Arrangement 1 Form X SPST-NO, 22 AWG Wire Size, .34 mm² Wire Size, 100A Contact Current Rating, Kilovac EV100, DC Contactors

[View on TE.com >](#)



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



Contact Arrangement: **1 Form X SPST-NO**

Wire Size: **.34 mm²**

Contact Current Rating: **100 A**

Coil Resistance: **8 Ω**

Features

Configuration Features

| | |
|-------------------------|------------------|
| Contact Arrangement | 1 Form X SPST-NO |
| Contact Number of Poles | 1 |

Electrical Characteristics

| | |
|---------------------------------|---------|
| Contact Current Rating | 100 A |
| Coil Resistance | 8 Ω |
| Coil Voltage Rating | 36 VDC |
| Contact Switching Voltage (Max) | 600 VDC |

Body Features

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

Termination Features

| | |
|------------------------------------|--------------|
| Main Termination & Connection Type | M5 Bolt |
| Coil Termination & Connection Type | Flying Leads |

Mechanical Attachment

| | |
|--------------------|----------------|
| Torque (Main) | 30 – 40 in-lbs |
| Product Mount Type | Chassis |

Dimensions

| | |
|------------------|---------------------|
| Coil Wire Length | 381 mm[15 in] |
| Wire Size | .34 mm ² |



Operation/Application

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

Packaging Features

| | |
|------------------|------------|
| Packaging Method | Individual |
|------------------|------------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUL 2021 (219) 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 | Hand solderable with lead free solder |

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | Kilovac EV100



DC Contactors(1)

Customers Also Bought

TE Part #165168
TERM, WIRE PIN, PIDG, 22-16TE Part #7-1393246-0
W23-X1A1G-3=W23/W31TE Part #5677964005
RNF-3000-39/13-X-SPTE Part #EK4837-000
91H1-17-10-1-C-HE200TE Part #1SNK506152R0000
ZS6-4S-PETE Part #AAB1720-00
91H1-13-07-1-C-HE100TE Part #AAC7879-00
PE93-10.0-T

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1618398-0_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1618398-0_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1618398-0_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

5-1618398-0

Contact Arrangement 1 Form X SPST-NO, 22 AWG Wire Size, .34 mm² Wire Size,
100A Contact Current Rating, Kilovac EV100, DC Contactors



[5-1773450-5_sec7_EV100](#)

English