

5-1618398-0 ✓ ACTIVE

Kilovac | Kilovac EV100

TE Internal #: 5-1618398-0

High Voltage Contactor, DC, 1 Form X SPST-NO, 100 A Contact Rating, 36 VDC Coil Voltage, Chassis Mount, Environmentally Sealed, Kilovac EV100

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **High Voltage Contactor**

Contact Current Rating: **100 A**

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

Current Type: **DC**

Coil Voltage Rating: **36 VDC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Contactor
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Configuration Features

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

Electrical Characteristics

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

Body Features

Enclosure Type	Environmentally Sealed
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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 Mount



Dimensions

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

Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Individual
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Other

Contact Current Class	>50 – ≤200 A
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

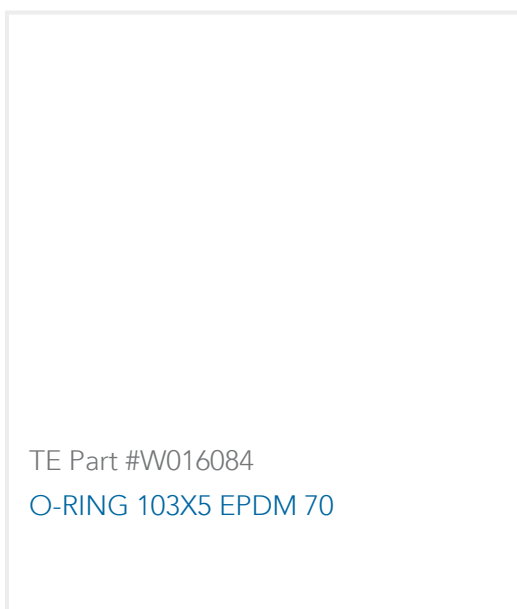
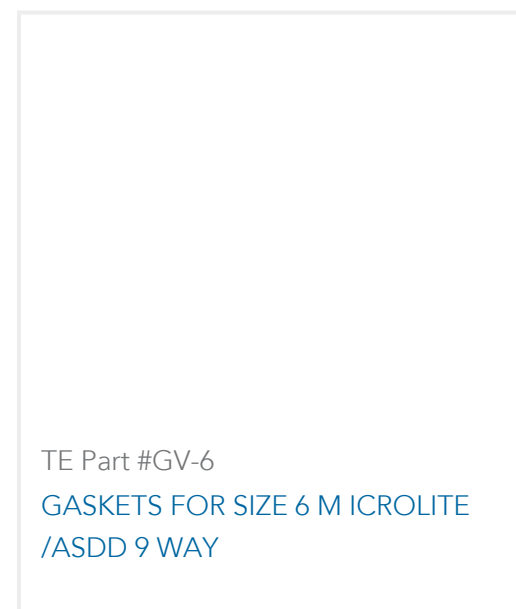
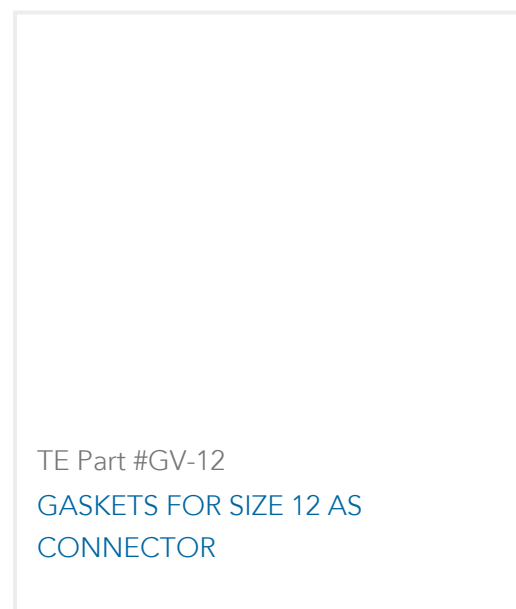
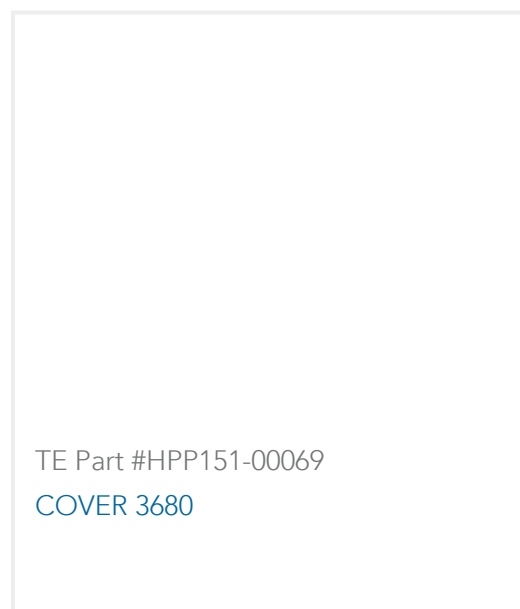
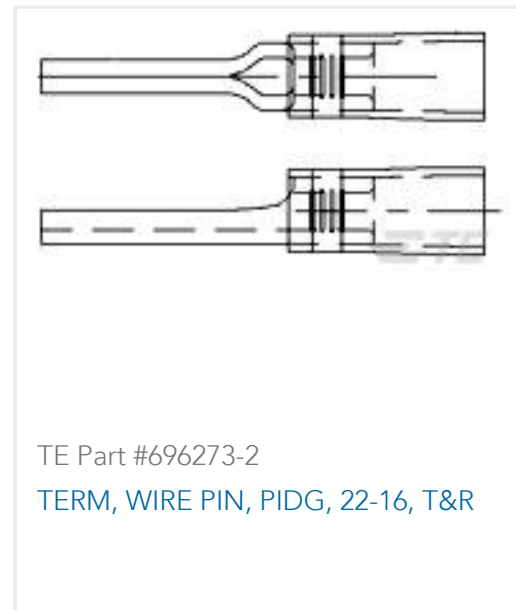
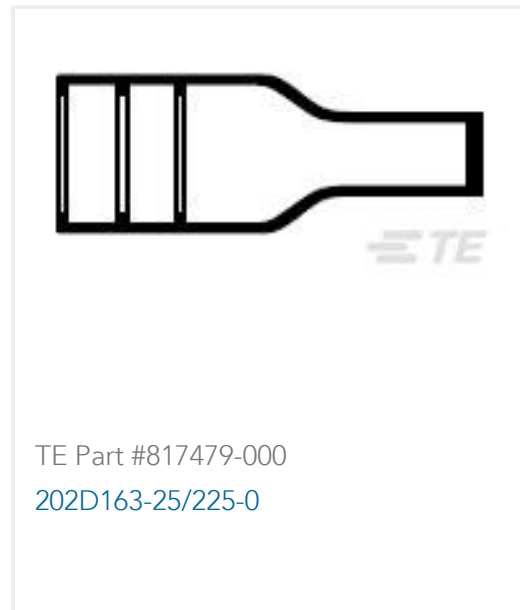
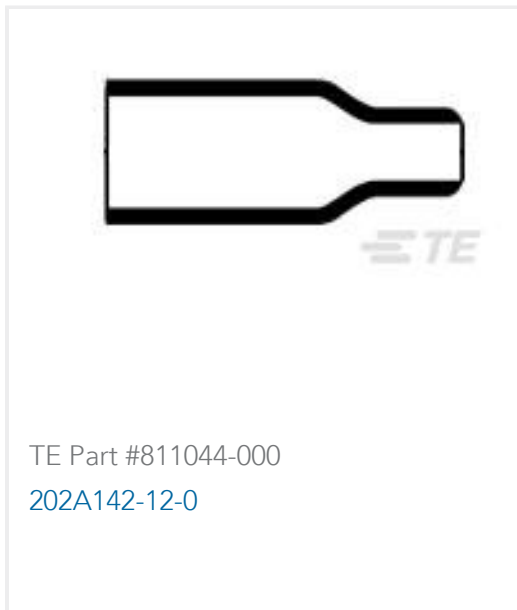
Compatible Parts



Also in the Series | **Kilovac EV100**



Customers Also Bought





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

[5-1773450-5_sec7_EV100](#)

English

[relays_brochure](#)

English

Agency Approvals

[CE Declaration of Conformity](#)

English