



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

Contact Current Rating: **100 A**

Coil Voltage Rating: **36 VDC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Contactor
------------------------	------------------------

Configuration Features

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

Electrical Characteristics

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

Body Features

Enclosure Type	Environmentally 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 Mount



Dimensions

Coil Wire Length	381 mm[15 in]
Wire Size	22 AWG

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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





TE Part # 3-1618389-7
LEV100A4ANG=RELAY, 12Vdc SPST-NO

Also in the Series

Kilovac EV100



DC Contactors(1)




DC Relays(1)



Electromechanical Relays(1)

Customers Also Bought



TE Part #1618004-1
2005=CONNECTOR ASSEMBLY



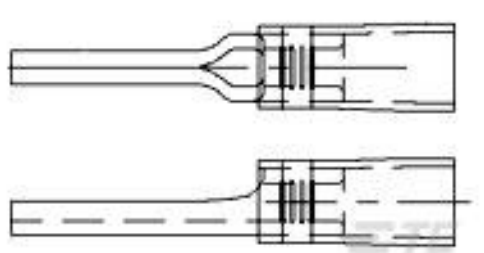
TE Part #EP8247-000
55OTE1211-18-9-9



TE Part #SM2-7
STRING POT, 7.5 INCH RANGE



TE Part #2-1423675-5
W57-XB2A99C10-15=CKTBKR,THERM,



TE Part #696273-2
TERM, WIRE PIN, PIDG, 22-16, T&R



TE Part #204814-1
GROUNDING CONN. 34 POS. ASY.



TE Part #DTMN04-2P
REC, 2P, BLK, N, NON-ENVIR



TE Part #872291-000
55PC2141-20-9/93/95/96-9



TE Part #384046-E
STVC 64 M AC VV 4-00 0606 * * 137 E007 1



TE Part #ZPF000000000019686
FDBA 56-22-55 SW-K-A6032



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

Agency Approvals

CE Declaration of Conformity

English