8-1618395-0 ✔ ACTIVE

Kilovac

TE Internal #: 8-1618395-0

High Voltage Contactor, DC, 1 Form X SPST-NO, 500 A Contact Rating, 36 VDC Coil Voltage, Chassis Mount, Environmentally Sealed

View on TE.com >

Relays & Contactors > Electromechanical Relays



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

Contact Current Rating: **500 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

Configuration Features

Auxiliary Switch Contact Arrangement	1 Form A, SPST-NO
Contact Arrangement	1 Form X SPST-NO
Contact Number of Poles	1

Electrical Characteristics

Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	500 A
Coil Voltage Rating	36 VDC

Body Features

Enclosure Type	Environmentally Sealed

Termination Features

Auxiliary Termination & Connection Type	D-Sub

Main Termination & Connection Type	M8 x 1.25
Coil Termination & Connection Type	D-Sub

Mechanical Attachment

Torque (Main)	80 – 100 in-lbs
Product Mount Type	Chassis Mount

Operation/Application

Current Type	DC

Other

Contact Current Class	>200 – ≤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) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

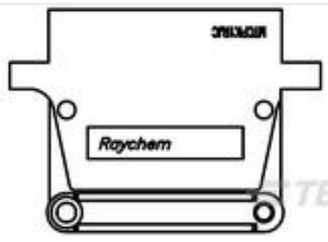
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 5-1618394-7
CAP202MSBFD=RELAY, DPST-NO

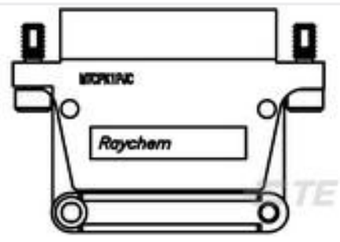
Customers Also Bought



TE Part #909356-000
MTCPK1RJC06S



TE Part #450213-000
CTA-0165



TE Part #164526-000
MTCPK1RJC02P



TE Part #623028-000
D-133-06



TE Part #53420-1
TERMINAL,PIDG PVF2 R 16-14

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1618395-0_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1618395-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1618395-0_E.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_CAP200

English

relays_brochure

English

Agency Approvals

CE Declaration of Conformity

English