7-1618402-8 ✔ ACTIVE

Kilovac | Kilovac EV200

TE Internal #: 7-1618402-8

High Voltage Contactor, DC, Latching, 1 Form P, SPST, 500 A Contact Rating, 24 VDC Coil Voltage, 12 – 900 VDC Contact Voltage, Kilovac EV200

View on TE.com >

Relays & Contactors > Electromechanical Relays



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

Contact Current Rating: **500 A**

Coil Magnetic System: **Latching**

Contact Arrangement: **1 Form P, SPST**

Current Type: **DC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Contactor

Configuration Features

Relay Options	Not RF Rated, Power Switching
Contact Arrangement	1 Form P, SPST

Electrical Characteristics

Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	500 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	12 – 900 VDC
Coil Resistance	6.3 Ω

Contact Features

Contact Material	Copper

Termination Features

Main Termination & Connection Type	Stud Terminals
Coil Termination & Connection Type	Flying Leads

Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Holes

Product Mount Type	Chassis Mount

Operation/Application

Coil Magnetic System	Latching
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	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: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 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

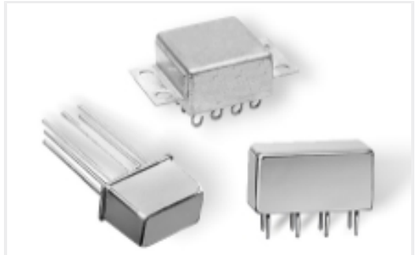


TE Part # 1618414-5
EV200P5ANA=CONTACTOR, SPST, LATCHING



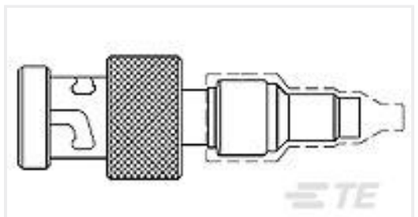
TE Part # 7-1618401-8
EV200F4ANA = Contactor, SPST, Latching

Also in the Series | Kilovac EV200

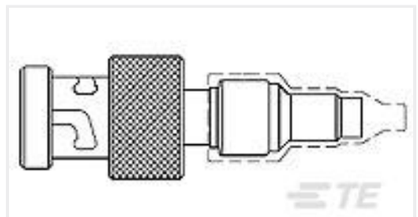


DC Relays(17)

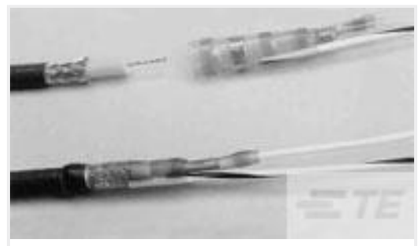
Customers Also Bought



TE Part #390299-000
DK-621-0439-4P



TE Part #019439-000
DK-621-0433-1P



TE Part #955477-000
D-181-1224-90/9



TE Part #175217-3
DYNAMIC REC CONTACT M L/P

TE Part #1-770174-1
04P MINI UMNL ASSY VO SNAU LF

Documents

Datasheets & Catalog Pages

5-1773450-5_sec7_EV200P

English

relays_brochure

English

Agency Approvals

CE Declaration of Conformity

English