

7-1618401-8 ✓ ACTIVE

Kilovac | Kilovac EV200

TE Internal #: 7-1618401-8

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

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Latching**

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

Contact Current Rating: **500 A**

Features

Contact Features

Contact Material	Copper
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Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Holes
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Product Mount Type	Chassis Mount
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Electrical Characteristics

Coil Resistance	2.5 Ω
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Contact Switching Voltage (Max)	900 VDC
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Contact Current Rating	500 A
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Coil Voltage Rating	12 VDC
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Contact Voltage Rating	12 – 900 VDC
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Configuration Features

Relay Options	Not RF Rated, Power Switching
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Contact Arrangement	1 Form X, SPST
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Product Type Features

Relay & Contactor Type	High Voltage Contactor
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Operation/Application

Current Type	DC
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Coil Magnetic System

Latching

Termination Features

Main Termination & Connection Type

Stud Terminals

Coil Termination & Connection Type

Flying Leads

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

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: JAN 2023 (233)
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 # 7-1618402-8
EV200F5ANA = Contactor, Latch,
24Vdc Coi



TE Part # 3-1618394-1
EV200P4ANA=Contactor, SPST,
Latching

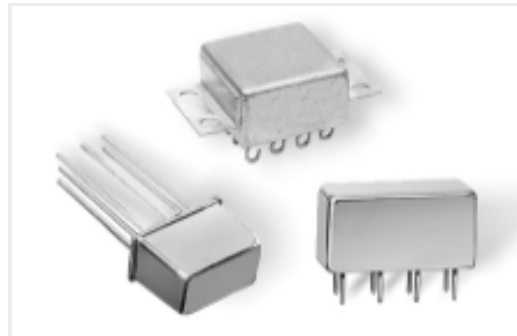


TE Part # 6-1618400-7
EV200ARANA=CONTACTOR SPST-
NO, 28Vdc Coil

Also in the Series | Kilovac EV200



DC Contactors(18)



DC Relays(18)



Electromechanical Relays(18)

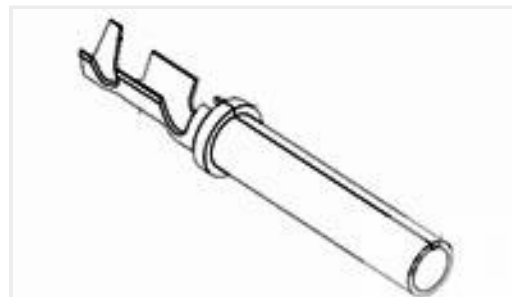
Customers Also Bought



TE Part #3-1630027-6
HSC300 200R 5%



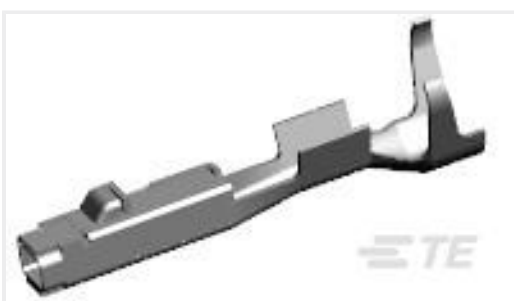
TE Part #5205817-3
FEMALE SCREWLOCK KIT



TE Part #776493-1
SOC, SF, SIZE 16, 18-20 AWG, AU/SN



TE Part #YDTS24W15-19PNV001
RECP ASSY



TE Part #1670146-3
MCON 1.2 CB REC SWS AG



TE Part #2176094-3
RP 2A 0.25W 121K 0.1% 25PPM 1K RL



TE Part #1488991-6
3POS, MCON 1.2 CB REC 2p TL
SEALED

Documents

Datasheets & Catalog Pages

[5-1773450-5_sec7_EV200P](#)

English