



Kilovac | Kilovac KHR500

TE Internal #: 5-1618404-0

High Voltage Relays, 1VDC Contact Voltage Rating, 1 Form X, SPST-NO-DM, Flying Leads, Screw Terminals, With Economizer, Kilovac KHR500

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Relays, Contactors & Switches > Relays > High Voltage Relays



Contact Voltage Rating: **1 VDC**

High Voltage Relay Contact Arrangement: **1 Form X, SPST-NO-DM**

High Voltage Connection (Coil): **Flying Leads**

High Voltage Connection (Power): **Screw Terminals**

Economizer: **With**

Features

Product Type Features

| | |
|--------------|--------------|
| RF Rated | No |
| Product Type | Contactor |
| Relay Type | High Voltage |

Configuration Features

| | |
|-----------------|------|
| Economizer | With |
| Power Switching | Yes |

Electrical Characteristics

| | |
|--|-------------|
| Coil Current | 4.5/.32 |
| Contact Voltage Rating | 1 VDC |
| High Voltage Relay Voltage (Max) | 1000 VDC |
| High Voltage Relay Coil Voltage Rating | 18 – 32 VDC |
| High Voltage Relay Coil Resistance | 3.2/85 Ω |
| High Voltage Relay Contact Switching Voltage (Max) | 1000 |

Contact Features

| | |
|---|----------------------|
| High Voltage Relay Contact Arrangement | 1 Form X, SPST-NO-DM |
| Auxiliary Contacts | With |
| High Voltage Relay Contact Current Rating | 600 A |



| | |
|-----------------------|--------|
| Contact Base Material | Copper |
|-----------------------|--------|

Termination Features

| | |
|---------------------------------|-----------------|
| High Voltage Connection (Coil) | Flying Leads |
| High Voltage Connection (Power) | Screw Terminals |
| Termination Style | Screw Terminals |

Mechanical Attachment

| | |
|----------------------------------|--------|
| High Voltage Relay Mounting Type | Bottom |
|----------------------------------|--------|

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 2023 (235) Candidate List Declared Against: JAN 2022 (223) 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 | 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 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 KHR500



High Voltage Relays(2)

Customers Also Bought



TE Part #DTF13-2P
HDR, 2P, BLK, RA, SN/NI/CU



TE Part #35684
TERMINAL,SOLIS R 14-12 6



TE Part #3-1623774-4
C14 47K 5% (LOOSE)



TE Part #1614911-1
CPF0805 24K 0.1% 25PPM 1K RL



TE Part #5-2176398-1
3502 1M6 1%



TE Part #9-1415001-5
V23132E2001A200



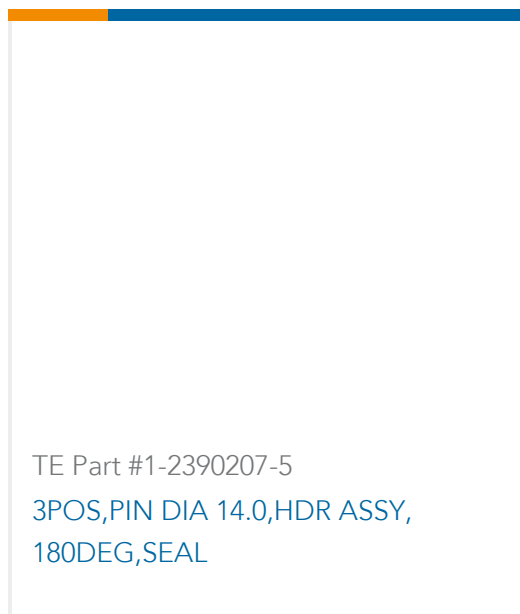
TE Part #33466-1
TERMINAL,SOLIS R 6 5/16 90DEG



TE Part #346108-000
S02-13-R



TE Part #141955-000
55A0121-28-0/9



TE Part #1-2390207-5
3POS,PIN DIA 14.0,HDR ASSY,
180DEG,SEAL



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1618404-0_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1618404-0_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1618404-0_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

KHR500 CONTACTOR

English