



Kilovac

TE Internal #: 3-1618411-7

High Voltage Contactor, DC, 1 Form X SPST-NO-DM, 600 A

Contact Rating, 9 – 16 VDC Coil Voltage, 1 VDC Contact Voltage,

Chassis Mount

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

Contact Current Rating: **600 A**

Coil Voltage Rating: **9 – 16 VDC**

Features

Contact Features

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

Mechanical Attachment

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|-------------------------------|----------------------------|
| Product Mounting Feature Type | Flange with Mounting Holes |
| Product Mount Type | Chassis Mount |

Electrical Characteristics

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|---------------------------------|------------|
| Contact Switching Voltage (Max) | 1000 VDC |
| Contact Current Rating | 600 A |
| Coil Voltage Rating | 9 – 16 VDC |
| Contact Voltage Rating | 1 VDC |

Configuration Features

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|---------------------|---------------------|
| Relay Options | Not RF Rated |
| Contact Arrangement | 1 Form X SPST-NO-DM |

Operation/Application

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|-----------------|-----|
| Power Switching | Yes |
|-----------------|-----|

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|--------------|----|
| Current Type | DC |
|--------------|----|

Product Type Features

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

Termination Features

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|------------------------------------|-----------------|
| Main Termination & Connection Type | Screw Terminals |
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|------------------------------------|--------------|
| Coil Termination & Connection Type | Flying Leads |
|------------------------------------|--------------|

Other

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|--------------------|-----------|
| EU RoHS Compliance | Compliant |
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

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|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

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|-----------------------------|------------------|
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
|-----------------------------|------------------|

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|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
|---|---|

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|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
|--|--|

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|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

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|---------------------------|--|
| Solder Process Capability | Not reviewed 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



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-1618411-7_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1618411-7_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1618411-7_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

KHR500 CONTACTOR

English