

7-1618413-1 ✓ ACTIVE

Kilovac

TE Internal #: 7-1618413-1

High Voltage Contactor, DC, 1 Form X SPST-NO-DM, 1000 A

Contact Rating, 16 VDC Coil Voltage, Chassis Mount,

Environmentally Sealed

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays > SPST: Kilovac K1K DC Contactors; Bi-directional Switching



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

Current Type: **DC**

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

Contact Current Rating: **1000 A**

Coil Voltage Rating: **16 VDC**

[All SPST: Kilovac K1K DC Contactors; Bi-directional Switching \(12\)](#)

Features

Dimensions

Coil Wire Length 381 mm[15 in]

Wire Size 22 AWG

Mechanical Attachment

Torque (Main) 45 – 55 in-lbs

Product Mount Type Chassis Mount

Termination Features

Auxiliary Termination & Connection Type Flying Lead

Main Termination & Connection Type 1/4-20 UNC-2B

Coil Termination & Connection Type Flying Leads

Electrical Characteristics

Coil Resistance 15 Ω

Contact Switching Voltage (Max) 1000 VDC

Contact Current Rating 1000 A

Coil Voltage Rating 16 VDC

Configuration Features



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

Product Type Features

Relay & Contactor Type	High Voltage Contactor
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Operation/Application

Current Type	DC
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Body Features

Enclosure Type	Environmentally Sealed
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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (2% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
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 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 # 2-1618413-0
K1K06X012EAHA=CONTACTOR,
12VDC COIL, NBB



TE Part # 3-1618389-7
LEV100A4ANG=RELAY, 12Vdc SPST-
NO

Customers Also Bought



TE Part #163549-000
382A034-25/42-0



TE Part #6450860-2
MBXLE VERT RCPT 4ACP + 48S + 1



TE Part #YDTS20Z25-29PNV001
RECP ASSY



TE Part #1-87224-5
15 MODII HDR SRST UNSHRD .100



TE Part #CAT-SE594-M1FF
M12 A-Code Pigtail, Female, Straight,
Single End Cable



TE Part #711065-000
D-500-0455-1-613-078



TE Part #YDTS20Z21-35PBV001
RECP ASSY



TE Part #4-1437658-0
8PCV-11-006=8PCV

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-1618413-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1618413-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1618413-1_C.3d_stp.zip](#)



English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[KILOVAC K1K High-Voltage Contactor](#)

English