

3-1618406-0 ✓ ACTIVE

Kilovac

TE Internal #: 3-1618406-0

High Voltage Contactor, DC, 1 Form X SPST-NO-DM, 100 A

Contact Rating, 14 VDC Coil Voltage, Chassis Mount,

Environmentally Sealed

[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: **100 A**

Coil Voltage Rating: **14 VDC**

Features

Packaging Features

Packaging Method	Individual
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Dimensions

Coil Wire Length	381 mm[15 in]
Wire Size	26 AWG

Mechanical Attachment

Torque (Main)	30 – 40 in-lbs
Product Mount Type	Chassis Mount

Electrical Characteristics

Coil Resistance	56 Ω
Contact Switching Voltage (Max)	600 VDC
Contact Current Rating	100 A
Coil Voltage Rating	14 VDC

Configuration Features

Auxiliary Switch Contact Arrangement	None
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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Termination Features

Main Termination & Connection Type	M5 Bolt
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Coil Termination & Connection Type	Flying Leads
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Other

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

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	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) Does not contain REACH SVHC
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Hand solderable with lead free solder
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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

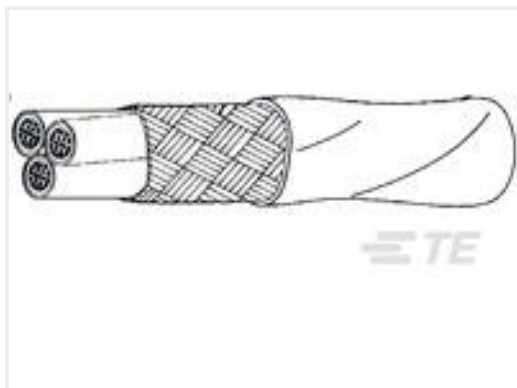


TE Part # 8-1618406-8
KCS01X012DCCB=Contactor,SPST-
NO 100A



TE Part # 1618408-4
KCS03X012EAAA=CONTACTOR,
CURRENT SENSE

Customers Also Bought



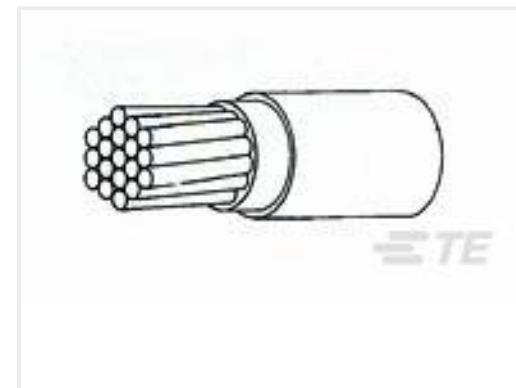
TE Part #382121-006
44A1131-24-0/2/9-9



TE Part #DT04-12PA-LE07
REC, 12P, GRY, N, CAP, FLANGE, A



TE Part #382312-009
44A0121-24-0/9



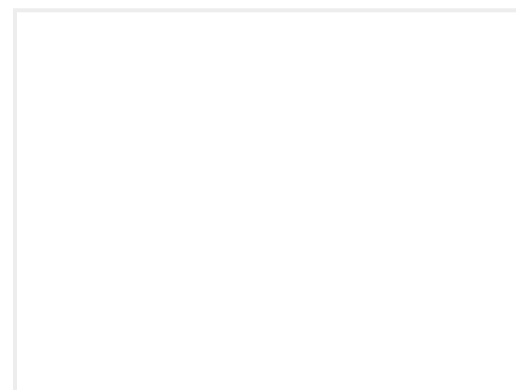
TE Part #282022-026
44A0111-20-2



TE Part #DTP04-4P-LE07
REC, 4P, GRY, N, CAP, FLANGE



TE Part #1027-003-1200
CLIP, SS, 11MM HOLE, ST



TE Part #CB03376003
RW-200-E-1/2-0-60MM

Documents

Product Drawings

[KCS01X012EACA=CONTACTOR, CURRENT SENSE,](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-1618406-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1618406-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1618406-0_A.3d_stp.zip](#)

English

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

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High Voltage Contactor, DC, 1 Form X SPST-NO-DM, 100 A Contact Rating, 14 VDC
Coil Voltage, Chassis Mount, Environmentally Sealed



Datasheets & Catalog Pages

KCS01X = CONTACTOR

English