



TE Internal #: 2071411-1

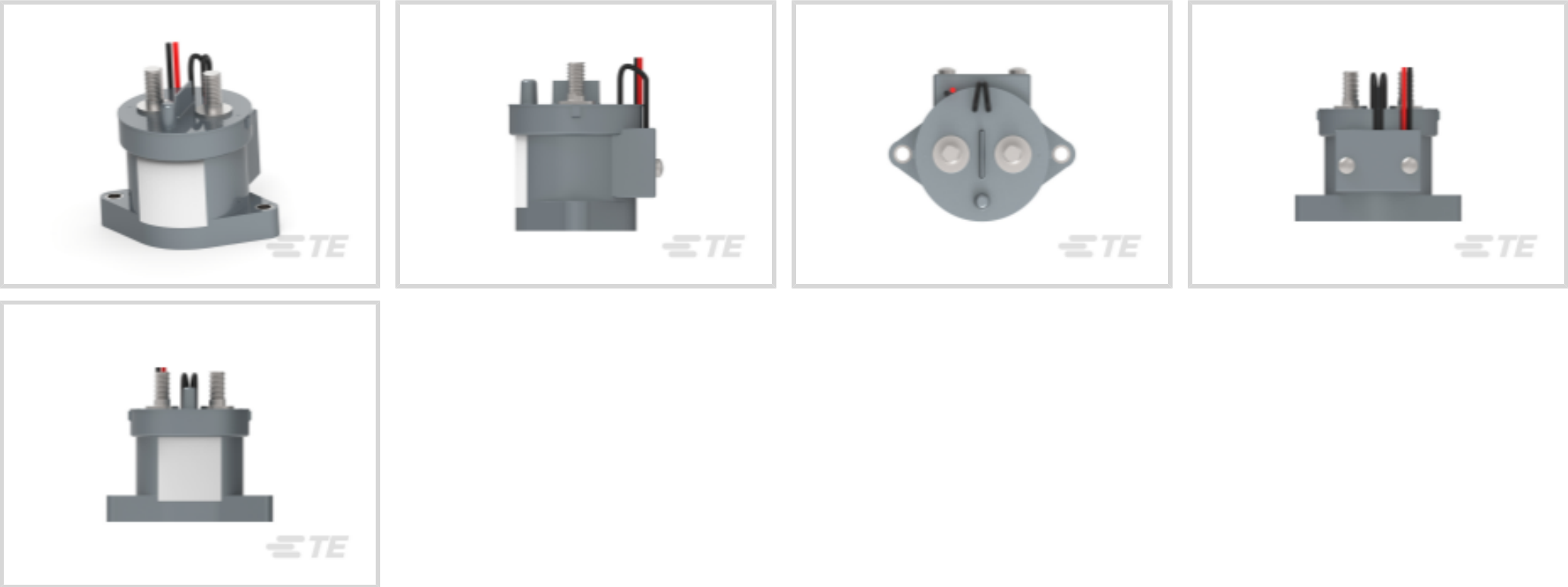
General Purpose Contactor, DC, 1 Form X SPST-NO-DM, 250 A

Contact Rating, 12 VDC Coil Voltage, 1.7 W Coil Power, Panel

Mount, Hermetically Sealed

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Contactor**

Contact Current Rating: **250 A**

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

Current Type: **DC**

Coil Voltage Rating: **12 VDC**

Features

Product Type Features

Relay & Contactor Type	General Purpose Contactor
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Configuration Features

Auxiliary Switch Contact Arrangement	Without
Contact Arrangement	1 Form X SPST-NO-DM
Contact Number of Poles	3

Electrical Characteristics

Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	250 A
Coil Voltage Rating	12 VDC
Coil Power Rating DC	1.7 W
Insulation Initial Dielectric Between Contacts & Coil	2200 Vrms

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

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Contact Material	Copper
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Termination Features

Main Termination & Connection Type	M8 Male
Coil Termination & Connection Type	Flying Leads

Mechanical Attachment

Torque (Main)	78 – 98 in-lbs
Product Mounting Feature Type	Mounting Plate, Screw
Product Mount Type	Panel Mount

Dimensions

Product Width	62 mm[2.44 in]
Product Height	72.3 mm
Product Length	80.5 mm[3.169 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Box
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Other

Contact Current Class	>200 – ≤500 A
Coil Power Rating Class	>1.5 – ≤3 W
Height Class (Mechanical)	>70 mm[>2.756 in]
Length Class (Mechanical)	>70 mm[>2.756 in]
Width Class (Mechanical)	>33 mm[>1.299 in]

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	



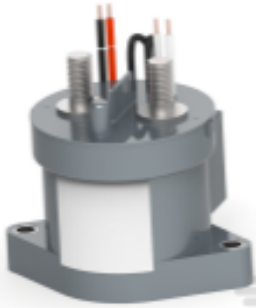
Current ECHA Candidate List: JUNE 2025 (250)
Candidate List Declared Against: JAN 2024 (240)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2-2071411-1
IHV250HAANA

Customers Also Bought



TE Part #T4111011041-000
M12 M, 4P GOLD A_CODE S
SHIELDED PG7



TE Part #T4110012051-000
M12 F, 5P GOLD A_CODE S
SHIELDED PG9



TE Part #T4110011051-000
M12 F, 5P GOLDR A_CODE S
SHIELDED PG7



TE Part #T4111012051-000
M12 M, 5P GOLD A_CODE S
SHIELDED PG9

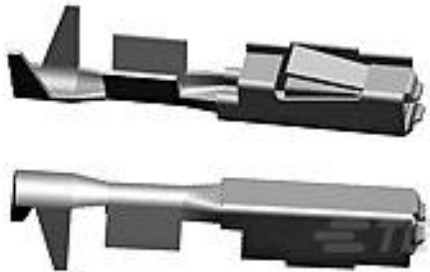




TE Part #963294-1
[SINGLE WIRE SEAL INSULATION DI](#)



TE Part #1241394-1
[AMP MCP 2.8K, CONTACT, SWS](#)



TE Part #1355717-1
[MQS0,63 Sn rec LL unseal. 0,08-0,22](#)



TE Part #1-1414469-0
[V23134J0052X461-EV-CBOX](#)



TE Part #1745078-1
[AMP MCP 2.8K - REC. HOUSING](#)



TE Part #1-2273114-1
[M12 strgt plug to M12 strgt socket AA](#)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2071411-1_A4.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071411-1_A4.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2071411-1_A4.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[IHV250_EN](#)

English

[IHV250_CN](#)

English

Agency Approvals

[CQC_CERT_2017010303992702_C1](#)

English