



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Contact Arrangement: **1 Form A SPST-NO**

Contact Current Rating: **250 A**

Coil Power Rating DC: **1.7 W**

Features

Product Type Features

Relay & Contactor Type	General Purpose Contactor
------------------------	---------------------------

Configuration Features

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

Electrical Characteristics

Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	250 A
Coil Power Rating DC	1.7 W

Body Features

Enclosure Type	Hermetically Sealed
----------------	---------------------

Contact Features

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

Termination Features

--	--



Main Termination & Connection Type	M8 x 1.25
Coil Termination & Connection Type	Connector

Mechanical Attachment

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

Dimensions

Product Width	62 mm
Product Length	80.5 mm
Product Height	72.3 mm

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C
---	-------

Operation/Application

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

Packaging Features

Packaging Method	Box
------------------	-----

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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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 reviewed for solder process capability

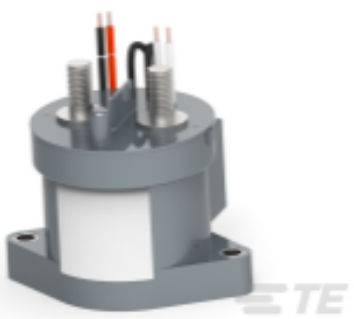
Product Compliance Disclaimer

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



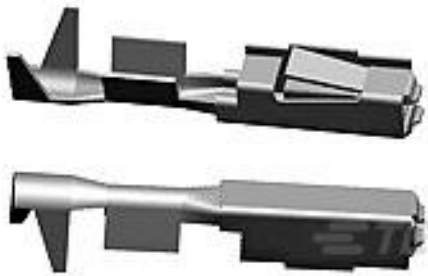
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 #1355717-1
[MQS0,63 Sn rec LL unseal. 0,08-0,22](#)



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



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



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



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



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



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