



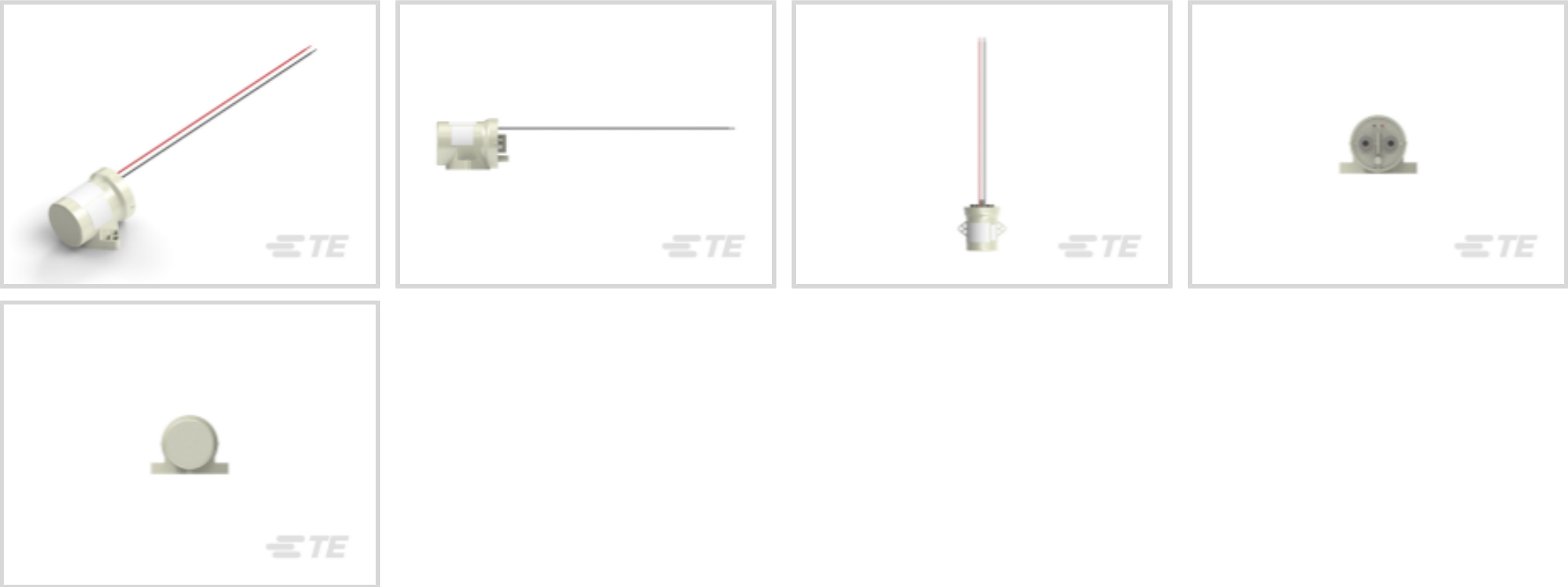
IHV

TE Internal #: 2071407-1

General Purpose Contactor, DC, 1 Form A SPST-NO, 50 A Contact Rating, 12 VDC Coil Voltage, Hermetically Sealed, IHV

[View on TE.com >](#)

Relays & Contactors > Contactors > DC Contactors



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

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

Contact Number of Poles: **3**

Current Type: **DC**

Contact Current Rating: **50 A**

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 A SPST-NO
Contact Number of Poles	3

Electrical Characteristics

Contact Current Rating	50 A
Coil Voltage Rating	12 VDC
Contact Switching Voltage (Max)	900 VDC
Coil Resistance	26 Ω

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Copper
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Termination Features

Main Termination & Connection Type	M5 Female Thread
Coil Termination & Connection Type	Connector

Mechanical Attachment

Torque (Main)	30 – 40 in-lbs
Product Mounting Feature Type	Mounting Plate, Screw

Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Box
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

IHV50A4ANG

General Purpose Contactor, DC, 1 Form A SPST-NO, 50 A Contact Rating, 12 VDC
Coil Voltage, Hermetically Sealed, IHV



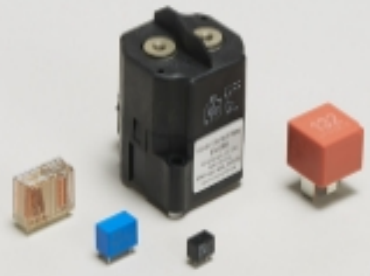


TE Part # 2071407-2
IHV50A5ANG



TE Part # 2071407-3
IHV50A6ANG

Also in the Series | IHV

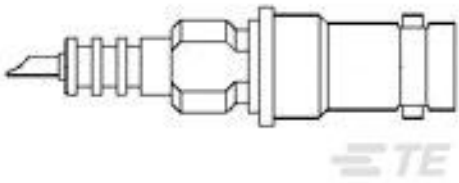


Electromechanical Relays(20)

Customers Also Bought



TE Part #5-1630019-4
HSC200 560R 5%



TE Part #51494-2
STD HIGH VOLTAGE BLKHD RECEPT



TE Part #34113
SOLIS R 22-16COMM 22-18MIL 1/4



TE Part #1-794617-2
12POS,MICRO MNL,RCPT HSG



TE Part #5227754-2
BNC SOLDER RECEPT JACK



TE Part #2317658-2
AV25 SPM 3A MOVING RING POWER RED 12V



TE Part #2-964302-1
TAB A 2.8x0.8 CONTACT CF SWS Sn



TE Part #1-1625999-0
HSC100 1K0 5%



TE Part #34114
SOLIS R 22-16COMM22-18MIL 5/16



TE Part #1393277-6
V23076A1001D143



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2071407-1_A3.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2071407-1_A3.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2071407-1_A3.3d_stp.zip

English

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

Datasheets & Catalog Pages

IHV50_EN

English

IHV50_CN

English

Agency Approvals

CQC_CERT_2017010304992699_C1

English