



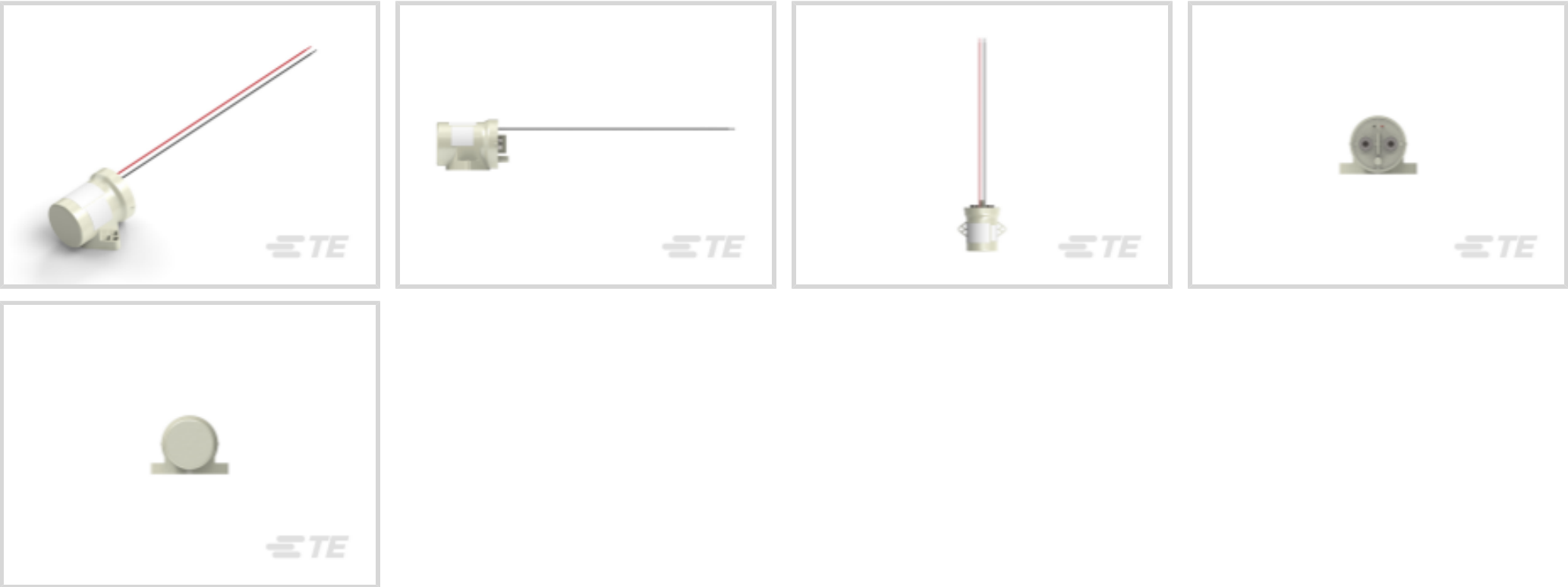
IHV

TE Internal #: 1-2071407-2

General Purpose Contactor, DC, 1 Form A SPST-NO, 50 A Contact Rating, 24 VDC Coil Voltage, 6 W Coil Power, Hermetically Sealed, 85 °C, IHV

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

Contact Current Rating: **50 A**

Coil Voltage Rating: **24 VDC**

Features

Product Type Features

Relay & Contactor Type	General Purpose Contactor
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Configuration Features

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

Electrical Characteristics

Coil Resistance	96 Ω
Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	50 A
Coil Voltage Rating	24 VDC
Coil Power Rating DC	6 W

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
Coil Termination & Connection Type	Connector

Mechanical Attachment

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

Dimensions

Product Width	39.5 mm
Product Length	53.9 mm
Product Height	58 mm

Usage Conditions

Environmental Ambient Temperature (Max)	85 °C
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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: JAN 2025 (247) 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

IHV50A5ANH

General Purpose Contactor, DC, 1 Form A SPST-NO, 50 A Contact Rating, 24 VDC  
Coil Voltage, 6 W Coil Power, Hermetically Sealed, 85 °C, IHV



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 # 1-2071407-1  
IHV50A4ANH

Also in the Series | IHV



DC Relays(20)



General Purpose Contactors(20)

Customers Also Bought



TE Part #4-1462037-2  
IM04GR=IM RELAY 140mW 6V



TE Part #710030-5  
XCT 16-8



TE Part #1SNG626147R0000  
EP-SGL-PG9-BL-B



TE Part #1-2141261-1  
SHIELD CRIMP FERRULE,INNER

IHV50A5ANH

General Purpose Contactor, DC, 1 Form A SPST-NO, 50 A Contact Rating, 24 VDC  
Coil Voltage, 6 W Coil Power, Hermetically Sealed, 85 °C, IHV





TE Part #2141614-2  
COVER, CABLE SEAL



TE Part #2141613-2  
CARRIER, SEAL,YW



TE Part #2141630-1  
5POS,HVA630,REC HSG ASSY,  
180DEG,HVIL



TE Part #2141619-1  
5POS,TAB 6.3X0.8,HEADER ASSY,C



TE Part #1-2141617-1  
SHIELD CRIMP FERRULE



TE Part #2141612-2  
RADIAL SEAL 25 X 43, CABLE SEAL,  
YW

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2071407-2\_A3.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2071407-2\_A3.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2071407-2\_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