



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Rotary Relay**
Current Type: **DC**
Coil Magnetic System: **Non-Latching**
Contact Arrangement: **8 Form C 8PDT-CO**
Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type	Rotary Relay
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Configuration Features

Contact Number of Poles	8
Contact Arrangement	8 Form C 8PDT-CO

Electrical Characteristics

Coil Current	.082 A
Contact Current Rating	10 A
Coil Voltage Rating	125 VDC
Contact Voltage Rating	125 VDC
Coil Power Rating DC	10.3 W
Insulation Initial Dielectric Between Contacts & Coil	2375 Vrms

Contact Features

Contact Material	Silver Cadmium Oxide
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Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Holes
Product Mount Type	Panel Mount

Dimensions

Product Width	66.68 mm[2.62 in]
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Product Length	66.68 mm[2.62 in]
Product Height	89.7 mm[3.53 in]

Usage Conditions

Operating Temperature Range	0 – 65 °C[32 – 149 °F]
Environmental Ambient Temperature (Max)	65 °C[149 °F]

Operation/Application

Current Type	DC
Coil Magnetic System	Non-Latching

Packaging Features

Packaging Method	Box & Carton
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cd (4% in Component Part) Pb (3.7% in 74019106) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not lead free process capable

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the



product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 2-1393139-1
MDR-173-1=MDR

TE Part # 1-1393139-1
MDR-137-8=MDR

Also in the Series | CII MDR Series

AC Relays(14)

DC Relays(12)

Electromechanical Relays(27)

Rotary Relays(27)

Customers Also Bought

TE Part #2-2176612-5
EP 3W (SS) 10R 5%

TE Part #1-1546670-2
12P.437" DR BARRIER,W/BND SCRWB

TE Part #8-2176412-0
5W XSM M/OX 5% 10K

TE Part #251895-000
TMS-SCE-2X-1K-1/8-9

TE Part #6609028-4
2VK3=F7134 S0

TE Part #60618-1
CMNL PIN PTPBR L/P

TE Part #1-1393139-1
MDR-137-8=MDR

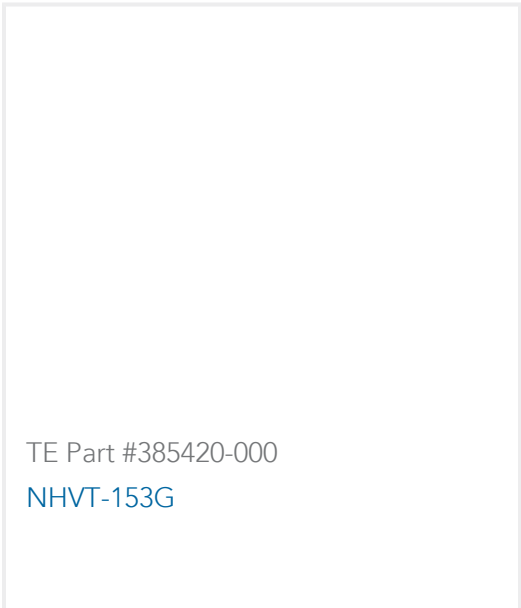
TE Part #51863
TERM, R, PIDG, 22-16/22-18, #6(M3.5)

MDR-138-8

Rotary Relay, DC, Non-Latching, 8 Form C 8PDT-CO, 10 A Contact Rating, 125 VDC
Coil Voltage, 125 VDC Contact Voltage, CII MDR Series



TE Part #322249
[PG SPDFLG 22-16COMM 22-18MIL 6](#)



TE Part #385420-000
[NHVT-153G](#)

Documents

Product Drawings

[MDR-138-8=MDR](#)

English

Datasheets & Catalog Pages

[5-1773450-5_sec12_MDR](#)

English