MDR-170-2 ✔ ACTIVE

CII | CII MDR Series

TE Internal #: 1-1393139-9

Rotary Relay, AC, Non-Latching, 16 Form C 16PDT-CO, 10 A Contact Rating, 440 VAC Coil Voltage, 115 VAC Contact Voltage, Panel Mount, CII MDR Series

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Rotary Relay**

Coil Magnetic System: **Non-Latching**

Contact Arrangement: **16 Form C 16PDT-CO**

Current Type: **AC**

Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type	Rotary Relay

Configuration Features

Contact Number of Poles	16
Contact Arrangement	16 Form C 16PDT-CO

Electrical Characteristics

Coil Current	.16 A
Coil Power Rating AC	17 VA
Contact Current Rating	10 A
Coil Voltage Rating	440 VAC
Contact Voltage Rating	115 VAC
Insulation Initial Dielectric Between Contacts & Coil	1880 Vrms

Contact Features

Contact Material	Silver Cadmium Oxide

Mechanical Attachment

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

Dimensions

Product Width	106.43 mm[4.19 in]

Product Length	106.43 mm[4.19 in]
Product Height	127 mm[5 in]

Usage Conditions

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

Operation/Application

Coil Magnetic System	Non-Latching
Current Type	AC

Packaging Features

Packaging Method	Box & Carton

Other

	>3.5 VA
Contact Current Class	>5 – ≤10 A
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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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 # 1-1393139-6
MDR-163-2=MDR

Also in the Series | CII MDR Series



Rotary Relays(27)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



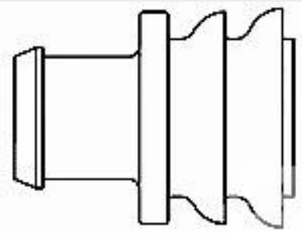
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

MDR-170-2=MDR

English

Datasheets & Catalog Pages

5-1773450-5_sec12_MDR

English