



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Protective Relay**
Contact Arrangement: **1 Form C SPDT-CO**
Current Type: **DC**
Contact Current Rating: **5 A**
Main Termination & Connection Type: **Screw Terminals**

Features

Product Type Features

Relay & Contactor Type	Protective Relay
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Configuration Features

Phase	Single
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Input Voltage	18 – 54 VDC
Contact Current Rating	5 A

Signal Characteristics

Frequency Adjustment	50 – 400 Hz
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Termination Features

Main Termination & Connection Type	Screw Terminals
Coil Termination & Connection Type	Screw Terminals

Mechanical Attachment

Product Mounting Feature Type	Mounting Hole, Snap-On
Product Mount Type	DIN Rail

Dimensions

Product Width	73 mm[2.87 in]
Product Height	112 mm



Product Length	75 mm[2.95 in]
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Usage Conditions

Operating Temperature Range	-40 – 60 °C[-40 – 140 °F]
Environmental Ambient Temperature (Max)	60 °C[140 °F]

Operation/Application

Protection Function	Overcurrent
Current Type	DC

Other

Contact Current Class	>2 – ≤5 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	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	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable 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 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 # 2-1618058-8
WD5051-003=RELAY, OVERCURRENT

Also in the Series


Customers Also Bought



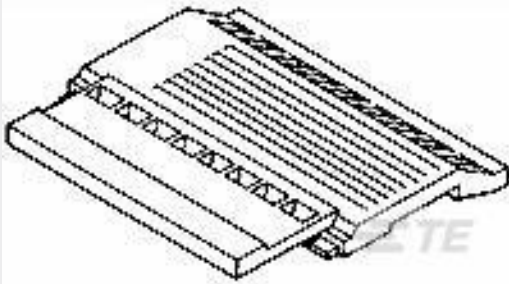
TE Part #T4110511051-000
M12 F, 5P GOLD D_CODE S
SHIELDED PG7




TE Part #31270
DG R 22-16 COMM 22-18 MIL 8




TE Part #87608-6
20 MODII HDR DRST SHRD .100CL




TE Part #102540-6
16 AMPMODU MT COVER DR .100CL



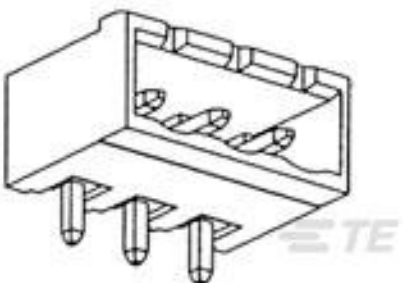
TE Part #3-1622824-8
RL73H 3A R30 1% 4K RL




TE Part #1-2303378-1
D3200 FMLB REC STRAIN RELIEF KIT
12P RR




TE Part #6609032-7
3VR7=F7200 S0



TE Part #282816-3
TERMI-BLOK HEADER,ASSY90 3P.



TE Part #3-644470-2
02P MTA156 CONN ASSY 20AWG LF



TE Part #644875-2
02P MTA100 HDR ASSY F/L,SP BND

Documents

Product Drawings



WD5051-001=RELAY, OVERCURRENT

English

Datasheets & Catalog Pages

5-1773450-5_sec11_KILOVAC_WD

English