



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **1000 – 1500 mW**
Coil Power Rating DC: **1100 mW**
Coil Resistance: **32 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	20 A
Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	1000 – 1500 mW
Coil Power Rating DC	1100 mW
Coil Resistance	32 Ω
Coil Special Features	UL Coil Insulation Class B



Coil Voltage Rating	6 VDC
Contact Switching Load (Min)	10mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	240 VAC

Body Features

Product Weight	80 g[2.824 oz]
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Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	10 A
Contact Material	AgNi90/10
Contact Number of Poles	2
Terminal Type	Plug-In

Mechanical Attachment

Relay Mounting Type	Socket
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Dimensions

Length Class (Mechanical)	35 – 40 mm
Insulation Clearance Class	2.5 – 4 mm
Insulation Clearance Between Contact & Coil	2.8 mm[.11 in]
Width Class (Mechanical)	30 – 40 mm
Product Width	35.5 mm[1.398 in]
Product Length	35.6 mm[1.402 in]
Product Height	57 mm[2.244 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	60 °C[140 °F]
Operating Temperature Range	-45 – 60 °C

Packaging Features

Packaging Method	Box & Tray
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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 2021 (211) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 8-1393163-4
MT78745



TE Part # 3-1415035-1
MT78755

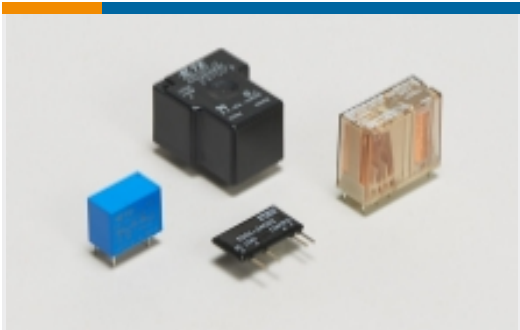


TE Part # 7-1415043-1
MT78612



TE Part # 9-1415043-1
MT78602

Also in the Series | [SCHRACK Multimode Relay MT](#)



Power Relays(77)

Customers Also Bought



TE Part #4-2176314-0
MELF SMA_A 270R 1% 50PPM 0102 0.3 W



TE Part #2-1623782-8
Wirewound Resistor: Vertical Mount



TE Part #5-825435-0
MOD 2 PIN HEADER



TE Part #1393222-9
V23061A1003A302=MINISTARKSTROM



TE Part #2-1415430-5
0430 06 0703 00



TE Part #964187-2
FASTON .110 TAB 0.5 X - NP CUSN4



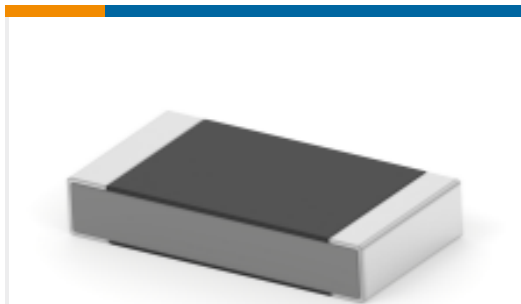
TE Part #3-644766-4
04P MTA156 HDR ASSY STR SQ LF



TE Part #4-644766-0
10P MTA156 HDR ASSY STR SQ LF



TE Part #6-1768018-5
EET-1938V-8A



TE Part #6-1879259-6
RP 2B 2K0 0.1% 15PPM 5K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1393090-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1393090-8_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_4-1393090-8_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Accessories - Power Relay MT](#)

English

[Multimode Relay MT](#)

English

Product Specifications

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

Agency Approvals

[VDE Certificate](#)

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