



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **1000 – 2000 mW**
Coil Power Rating DC: **1700 mW**
Coil Resistance: **345 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, 2500 – 3000 V
Insulation Initial Dielectric Between Open Contacts	2500 Vrms
Contact Limiting Making Current	30 A
Contact Limiting Continuous Current	16 A
Insulation Creepage Class	10 – 20 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Insulation Creepage Between Contact & Coil	14.9 mm[.587 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	1000 – 2000 mW
Coil Power Rating DC	1700 mW



Coil Resistance	345 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	100mA @ 24V
Contact Switching Voltage (Max)	440 VAC
Contact Voltage Rating	48 VDC

Body Features

Insulation Special Features	5000V Initial Surge Withstand Voltage between Contacts & Coil
Product Weight	81 g[2.857 oz]

Contact Features

Contact Special Features	3mm Contact Gap
Contact Arrangement	2 Form A (NO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	AgNi90/10
Contact Number of Poles	2
Terminal Type	Plug-In, Quick Connect

Mechanical Attachment

Relay Mounting Type	Flange Mount, Quick Connect
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Dimensions

Length Class (Mechanical)	30 – 40 mm, 35 – 40 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	70 – 80 mm
Insulation Clearance Between Contact & Coil	4 mm[.157 in]
Width Class (Mechanical)	30 – 40 mm
Product Width	38.5 mm[1.516 in]
Product Length	35.5 mm[1.398 in]
Product Height	73.5 mm[2.894 in]

Usage Conditions

Environmental Ambient Temperature (Max)	50 °C[122 °F]
Operating Temperature Range	-40 – 50 °C[-40 – 122 °F]

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	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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 # 63539-2
FASTON .250 RECEPTACLE 14-10
AWG BR



TE Part # 42437-2
FASTON 250 TERMINAL REC 14-10
TPBR



TE Part # 61095-1
FASTON .250 RECEPTACLE 14-10
AWG SPBR

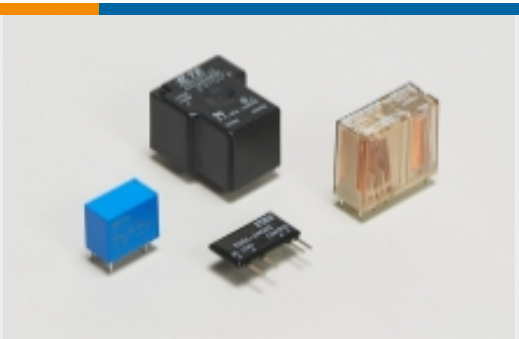


TE Part # 60635-3
FASTON 250 RECEPTACLE 14-10
AWG BR



 TE Part # 63365-2 FASTON 250 RECEPTACLE 2.0-5.0 MM2 TPBR	 TE Part # 63539-1 FASTON .250 RECEPTACLE 14-10 AWG TPBR	 TE Part # 60635-2 FASTON 250 RECEPTACLE 14-10 AWG SPBR	 TE Part # 63365-1 FASTON 250 RECEPTACLE 2.0-5.0 MM2 BR
 TE Part # 62998-2 FASTON 250 RECEPTACLE 10-8 AWG TPBR	 TE Part # 62428-3 FASTON .250 REC 12-10 AWG TPPHBZ	 TE Part # 42437-5 FASTON 250 TERMINAL REC 14-10 TPPHBZ	 TE Part # 60635-1 FASTON 250 RECEPTACLE 14-10 AWG TPBR
 TE Part # 62428-2 FASTON .250 REC 12-10 AWG TPBR	 TE Part # 41449 FASTON 250(6.3 MM) REC 14-10 AWG BR	 TE Part # 41450 FASTON 250(6.3 MM) REC 14-10 AWG TPBR	 TE Part # 63435-1 FASTON .250 REC 14-10 AWG SPBR

Also in the Series | **SCHRACK Power Relay RM**



Power Relays(53)

Customers Also Bought

 TE Part #179228-5 AMP COMMON TERMINATION HOUSINGS	 TE Part #1-1337463-0 BNC Plg Term 50Ohm Silver Pltd	 TE Part #1437012-5 609-002=HDW IDC JACKSCREW ASSY	 TE Part #1622352-1 LR1 1% 1K2
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TE Part #1676330-1
RN 0805 3K65 0.1% 10PPM CUT
LENGTH

TE Part #166293-1
D-Sub Connector Contacts: Pin, Brass,
Signal, Size 20

TE Part #0757013001
100G0111-2.50-0

TE Part #140665
250 FASTON, TAB, BR

TE Part #YAFD54-20-41PNC012
RECP ASSY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1415545-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1415545-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1415545-7_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Power Relay RM5/6

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English



[Agency Approvals](#)

[VDE Certificate](#)

English