

3-1415546-9 ✓ ACTIVE

SCHRACK | SCHRACK Power Relay RM

TE Internal #: 3-1415546-9

SCHRACK Power Relay RM, Power Relays, Industrial Panel Plug-In,  
Monostable, DC, 1000 – 2000mW Coil Power Rating Class, 1700mW  
Coil Power Rating DC

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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: **86 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	1500 Vrms
Contact Limiting Making Current	40 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	86 $\Omega$
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	100mA @ 24V
Contact Switching Voltage (Max)	440 VAC
Contact Voltage Rating	28 VDC

### Body Features

Insulation Special Features	4000V Initial Surge Withstand Voltage between Contacts & Coil
Product Weight	81 g[2.857 oz]

### Contact Features

Contact Arrangement	3 Form C (3 CO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	16 A
Contact Material	AgNi90/10
Contact Number of Poles	3
Terminal Type	Plug-In, Quick Connect

### Mechanical Attachment

Relay Mounting Type	Quick Connect, Socket
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### Dimensions

Length Class (Mechanical)	30 – 40 mm, 35 – 40 mm
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	40 – 50 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	48.5 mm[1.909 in]

### Usage Conditions

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

### Packaging Features

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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	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: JAN 2021 (211) Does not contain REACH SVHC
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts

 <p>TE Part # 2-1393844-5 RM78705</p>	 <p>TE Part # 2-1393844-3 RM78702</p>	 <p>TE Part # 1217149-1 187 FASTON,REC.,18-14 AWG,TPBR</p>	 <p>TE Part # 63596-1 FASTON .187 18-14 AWG OR (2) #16 BR</p>
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TE Part # 63697-1  
FASTON .187 RECEPTACLE 18-14  
AWG TPBR



TE Part # 60742-1  
FASTON 187 RECEPTACLE 18-14  
AWG BR



TE Part # 62016-1  
FASTON .187 RECEPTACLE 18-14  
AWG BR



TE Part # 63596-2  
FASTON .187 18-14 AWG OR (2) #16  
PTPBR



TE Part # 62016-2  
FASTON .187 RECEPTACLE 18-14  
AWG TPBR



TE Part # 60742-2  
FASTON .187 RECEPTACLE 18-14  
AWG TPBR

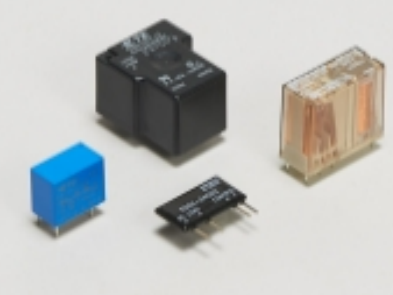


TE Part # 1419118-6  
RM78700



TE Part # 4-1393149-9  
RM78701

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



Power Relays(53)

Customers Also Bought



TE Part # DTT-20-03  
CRIMP TOOL



TE Part # 1011-232-0305  
DEUTSCH DT BACKSHELLS



TE Part # 2-1564532-1  
HEAVY DUTY SEALED CONNECTOR  
HOUSINGS



TE Part # K1007153  
Toggle Switch 1-Pole, Sealed, Lever,  
Toggle, Plastic Lever



TE Part # YHDP26-24-35PEL017  
DEUTSCH HDP20 HOUSINGS



TE Part # 834936-000  
Medium-Wall Heat Shrink Tubing



TE Part # 2-2176245-2  
CRGS1206 5% 56R



TE Part # K1002956  
Toggle Switch 08-4-1-13



## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415546-9\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415546-9\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415546-9\\_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 RM2/3/7](#)

English

[Accessories - Power Relay RM](#)

English

### Product Specifications

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

English

### Agency Approvals

[VDE Certificate](#)

English