

1416200-9 ✓ ACTIVE

SCHRACK | SCHRACK Low Power PCB Relays

TE Internal #: 1416200-9

General Purpose Power Relay, Monostable, .236 W Coil, 15265 ohm

Coil Resistance, SCHRACK Low Power PCB Relays, Power Relays

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.236 W**

Coil Resistance: **15265 Ω**

Coil Special Features: **UL Coil Insulation Class A**

## Features

### Product Type Features

Relay Type	General Purpose Power Relay
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### Configuration Features

Coil Special Features	UL Coil Insulation Class A
Contact Arrangement	1 Form C SPDT-CO
Contact Number of Poles	1

### Electrical Characteristics

Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Contact Limiting Breaking Current	8 A
Coil Power Rating DC	.236 W
Coil Resistance	15265 Ω
Coil Voltage Rating	60 VDC



Contact Current Rating	8 A
Contact Switching Load (Min)	100mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

### Body Features

Product Weight	9.4 g[.388 oz]
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### Contact Features

Contact Material	AgSnO2
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### Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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### Dimensions

Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	10 mm[.393 in]
Product Length	30 mm[1.18 in]
Product Height	15 mm[.59 in]

### Usage Conditions

Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

### Operation/Application

Current Type	DC
Solder Process	Wave Solder
Coil Magnetic System	Monostable

### Packaging Features

Packaging Method	Tube
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### Other

Length Class (Mechanical)	25 – 30 mm
Environmental Ambient Temperature Class	70 – 85 °C
Coil Power Rating Class	.2 – .3 W



Width Class (Mechanical)	8 – 10 mm
Contact Current Class	16 A

### 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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

#### 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



Also in the Series | [SCHRACK Low Power PCB Relays](#)



Power Relays(20)

## Customers Also Bought

TE Part #DT06-4S-E005  
PLG, 4P, BLK, N, CAPTE Part #T4171010003-001  
M12,REAR MOUNTING,MALE,A,3P,0.2  
M WIRETE Part #DT04-4P-CE03  
REC, 4P, BLK, E, CAPTE Part #770018-1  
03P UMNLII IN-LNE PLUG HSG KITTE Part #770007-1  
UMNL II PIN PTPBRTE Part #YHDP24-24-91PEL024  
REC, 9P, BLK, E, WTHD, 8/12/16, PTE Part #TCD14741111-001  
M12D4-MS-RJ-PVC-22SH-TYPE B  
GREEN-0.5MTE Part #224151-E  
M8 FEMALE, A CODE, 4P, 16.25MM  
SMTTE Part #1-1393277-9  
V23076A3022D142TE Part #1483352-1  
MICRO-MATCH LEAD 08P 100MM

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_1416200-9\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1416200-9\\_A.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1416200-9\\_A.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[Miniature Power PCB Relay MSR](#)

English

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**Product Specifications**

[Definitions General Purpose Relays](#)

English

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**Agency Approvals**

[VDE Certificate](#)

English