

5-1415899-4 ✓ ACTIVE

SCHRACK | SCHRACK Power PCB Relay RZ

TE Internal #: 5-1415899-4

SCHRACK Power PCB Relay RZ, Power Relays, Standard, Monostable, DC, 400 mW Coil Power Rating DC, 360 Ω Coil Resistance, UL Coil Insulation Class F

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > PCB Power Relay: 12-16 Amp, Monostable



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **300 – 400 mW**

Coil Power Rating DC: **400 mW**

Coil Resistance: **360 Ω**

[All PCB Power Relay: 12-16 Amp, Monostable \(86\)](#)

## Features

### Product Type Features

Power Relay Type	Standard
------------------	----------

### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 – 5000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	30 A
Insulation Creepage Class	8 mm
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	16 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	300 – 400 mW
Coil Power Rating DC	400 mW
Coil Resistance	360 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	12 VDC
Contact Switching Voltage (Max)	400 VAC



Contact Voltage Rating	250 VAC
------------------------	---------

### Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
-----------------------------	-------------------------------------

Product Weight	10 g[.353 oz]
----------------	---------------

### Contact Features

Contact Arrangement	1 Form C (CO)
---------------------	---------------

Contact Current Class	10 – 20 A, 16 A
-----------------------	-----------------

Contact Current Rating (Max)	16 A
------------------------------	------

Contact Material	AgSnO2
------------------	--------

Contact Number of Poles	1
-------------------------	---

Relay Terminal Type	PCB-THT
---------------------	---------

### Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
---------------------	-----------------------

### Dimensions

Length Class (Mechanical)	25 – 30 mm
---------------------------	------------

Insulation Clearance Class	8 mm
----------------------------	------

Height Class (Mechanical)	15 – 16 mm
---------------------------	------------

Insulation Clearance Between Contact & Coil	10 mm[.394 in]
---	----------------

Width Class (Mechanical)	12 – 16 mm
--------------------------	------------

Product Width	12.7 mm[.5 in]
---------------	----------------

Product Length	29 mm[1.142 in]
----------------	-----------------

Product Height	15.7 mm[.618 in]
----------------	------------------

### Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
---	---------------

### Packaging Features

Packaging Method	Carton, Tube
------------------	--------------

### 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 2022  
(223)Candidate List Declared Against: JAN 2022  
(223)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900  
ppm.

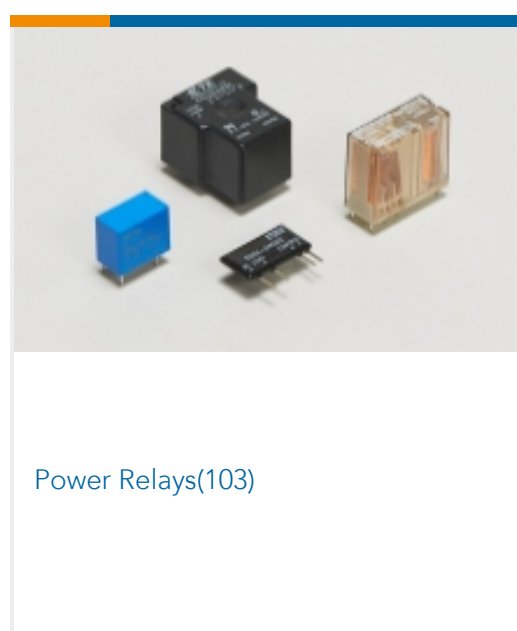
Solder Process Capability

Wave solder capable to 265°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 Power PCB Relay RZ**

## Customers Also Bought



TE Part #1721547-5  
PCN 3A/5A SLIM PCB RELAY 3VDC



TE Part #5-102618-6  
16 MODII HDR DRST SHRD .100CL



TE Part #1-1571999-6  
ADP0604=PIANO DIP SWITCH



TE Part #6-1879352-5  
RR02 5% 150R AMMO



TE Part #DT15-12PB  
HDR, 12P, BLK, ST, NI/CU, B



TE Part #1-1625827-1  
TL3A R068 1%



TE Part #5-102618-5  
14 MODII HDR DRST SHRD .100CL



TE Part #7-1416200-7  
V23061-D1005-A301

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_5-1415899-4\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_5-1415899-4\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_5-1415899-4\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Lighting Relays Guide](#)

English

[Power PCB Relay RZ Datasheet](#)

English

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

[Schrack Power PCB Relay RZ Series flyer](#)

English



[Schrack Power PCB Relay RZ Series flyer](#)

[Schrack Power PCB Relay RZ Series flyer \(Chinese\)](#)

---

**Product Specifications**

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

English

---

**Agency Approvals**

[VDE Certificate](#)

English