

3-1415002-1 ✓ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 3-1415002-1

General Purpose Power Relay, AC, Monostable, 2 Form C DPDT-CO, 12 A Contact Rating, 230 VAC Coil Voltage, SCHRACK Miniature Relay PT

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Current Type: **AC**

Contact Current Rating: **12 A**

## Features

### Other

	.5 – 1 VA
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant
Contact Current Class	10 – 20 A

### Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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### Operation/Application

Coil Magnetic System	Monostable
Current Type	AC
Indicator Type	LED

### Configuration Features

Contact Arrangement	2 Form C DPDT-CO
Contact Number of Poles	2
Coil Special Features	UL Coil Insulation Class F



### Electrical Characteristics

Contact Current Rating	12 A
Coil Voltage Rating	230 VAC
Contact Voltage Rating	240 VAC
Insulation Initial Dielectric Between Contacts & Coil	1200 Vrms
Contact Limiting Short-Time Current	300 A
Contact Limiting Making Current	24 A
Contact Limiting Breaking Current	12 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 12V
Coil Resistance	19465 $\Omega$
Coil Power Rating AC	.9 VA, 1 VA

### Mechanical Attachment

Product Mount Type	Panel & Socket
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### Body Features

Enclosure Type	Flux Resistant Automatic Soldering
Product Weight	30 g[1.058 oz]

### Usage Conditions

Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
Environmental Category of Protection	RTII

### Contact Features

Contact Material	AgNi90/10
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### Dimensions

Insulation Clearance Between Contact & Coil	3 mm
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	22.5 mm[.885 in]
Product Length	28 mm[1.1 in]
Product Height	29 mm[1.14 in]

### Packaging Features



Packaging Method	Carton & Tube
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

#### 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 Miniature Relay PT**



Customers Also Bought

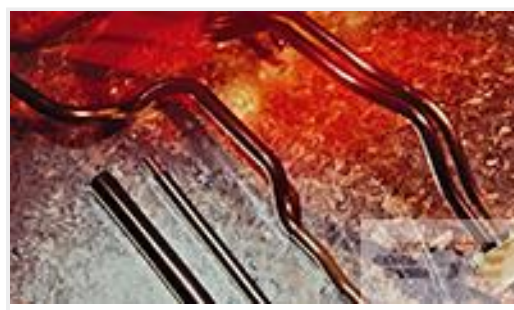




TE Part #D26022-000  
B-155-3802



TE Part #2-1393238-4  
RTB14524



TE Part #1074372007  
DWTC-8/2-X-STK



TE Part #8-1415035-1  
RT78724

## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415002-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415002-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1415002-1\\_O.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Miniature Relay PT](#)

English

### Product Specifications

[Definitions General Purpose Relays](#)

English

### Agency Approvals

[VDE Certificate](#)

English