

5-1415074-1 ✓ ACTIVE

SCHRACK | SCHRACK Relay Package PT

TE Internal #: 5-1415074-1

General Purpose Power Relay, AC, Monostable, 2 Form C DPDT-CO, 12 A Contact Rating, 24 VAC Coil Voltage, SCHRACK Relay Package PT

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Relays & Contactors > Electromechanical Relays



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

Current Type: **AC**

Coil Magnetic System: **Monostable**

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

Contact Current Rating: **12 A**

Features

Contact Features

| | |
|------------------|-----------|
| Contact Material | AgNi90/10 |
|------------------|-----------|

Dimensions

| | |
|---------------------------------------------|------------------|
| Insulation Clearance Between Contact & Coil | 4 mm[.157 in] |
| Insulation Creepage Between Contact & Coil | 4 mm[.157 in] |
| Product Width | 27 mm[1.06 in] |
| Product Length | 73.5 mm[2.89 in] |
| Product Height | 58 mm[2.28 in] |

Packaging Features

| | |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

Other

| | |
|-----------------------------------------|---------------------------|
| | .5 – 1 VA |
| Contact Current Class | 16 A |
| Environmental Ambient Temperature Class | 50 – 70 °C |
| Width Class (Mechanical) | 25 – 30 mm |
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance | Compliant |

Usage Conditions



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

Body Features

| | |
|----------------|----------------|
| Product Weight | 71 g[2.504 oz] |
| Enclosure Type | Dust Protected |

Electrical Characteristics

| | |
|---------------------------------------------------------|--------------|
| Contact Limiting Short-Time Current | 12 A |
| Contact Limiting Making Current | 24 A |
| Contact Limiting Continuous Current | 12 A |
| Contact Limiting Breaking Current | 24 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 | 192 Ω |
| Coil Power Rating AC | 1 VA, .79 VA |
| Contact Current Rating | 12 A |
| Coil Voltage Rating | 24 VAC |
| Contact Voltage Rating | 250 VAC |
| Insulation Initial Dielectric Between Contacts & Coil | 2500 Vrms |

Configuration Features

| | |
|-------------------------|------------------|
| Contact Number of Poles | 2 |
| Contact Arrangement | 2 Form C DPDT-CO |

Operation/Application

| | |
|----------------------|------------|
| Indicator Type | LED |
| Current Type | AC |
| Coil Magnetic System | Monostable |

Product Type Features

| | |
|------------------------|-----------------------------|
| Relay & Contactor Type | General Purpose Power Relay |
|------------------------|-----------------------------|

Termination Features

| | |
|------------------------------------|-----------------|
| Main Termination & Connection Type | Screw Terminals |
|------------------------------------|-----------------|

Coil Termination & Connection Type

Screw Terminals

Mechanical Attachment

Product Mount Type

DIN Rail

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

Not applicable 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



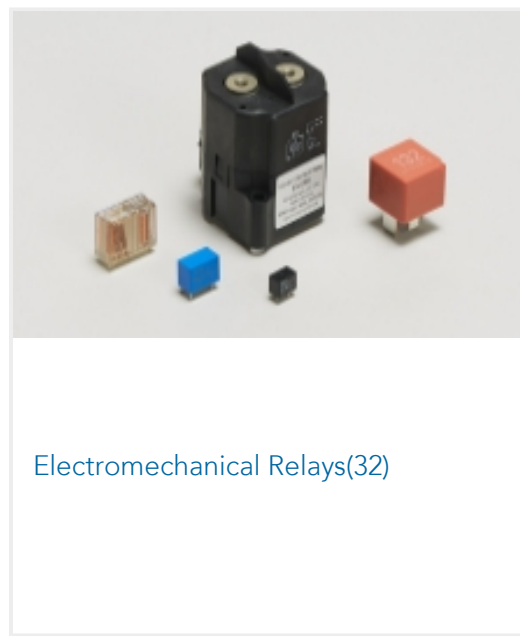
Also in the Series | [SCHRACK Relay Package PT](#)



AC Relays(18)



DC Relays(14)



Electromechanical Relays(32)

Customers Also Bought



TE Part #695055-000
W-095-02



TE Part #5039264026
DR-25-3/8-0-SP



TE Part #66100-9
III+ SKT,18-16,30AU/FL,STRIP



TE Part #6632750001
TMS-SCE-3/32-2.0-9



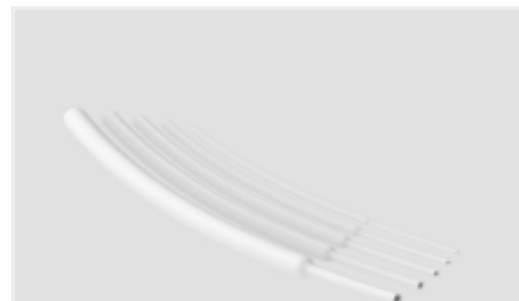
TE Part #1-1703543-0
2POS,TAB 2.8X0.8,TAB HSG,ASSY



TE Part #5054572008
RNF-100-1-5-STK



TE Part #5054062011
RNF-100-1/8-1-STK



TE Part #CAT-HST-RNF100-2
RNF-100-2 Heat Shrink Tubing



TE Part #2-929940-1
JPT REC 2.8 Contact SWS Au (LP)

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5-1415074-1_A.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_5-1415074-1_A.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5-1415074-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Relay Package Package PT](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[VDE Certificate](#)

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