



SCHRACK | SCHRACK Power PCB Relay RT Inrush Power

TE Internal #: 2-1415898-5

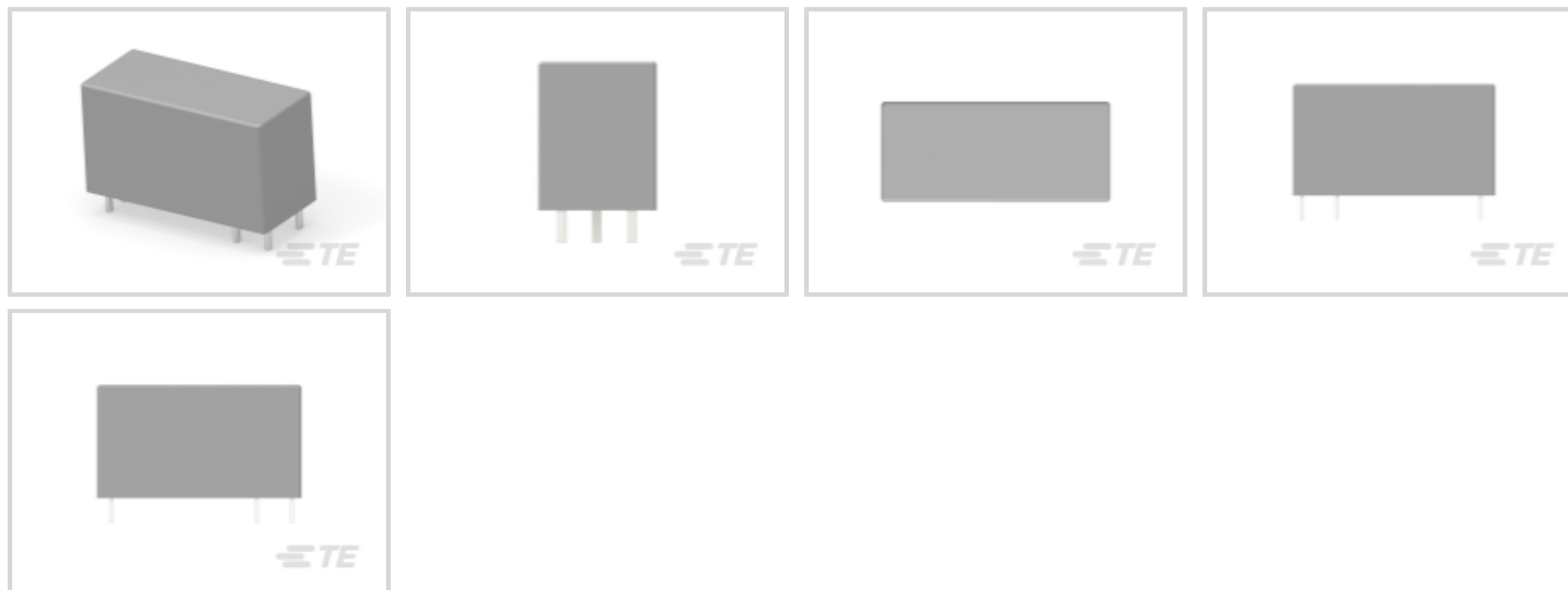
Power Relays, Standard, Bistable, 2 Coils, Polarized, 600 mW Coil

Power Rating DC, 240 Ω Coil Resistance, SCHRACK Power PCB

Relay RT Inrush Power

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Relays, Contactors & Switches > Relays > Power Relays > PCB Power Relay: 16 Amp, Inrush



Power Relay Type: **Standard**

Coil Magnetic System: **Bistable, 2 Coils, Polarized**

Coil Power Rating DC: **600 mW**

Coil Resistance: **240 Ω**

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

[All PCB Power Relay: 16 Amp, Inrush \(17\)](#)

## Features

### Product Type Features

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

### Electrical Characteristics

|  |                              |
|--|------------------------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 4000 V                       |
| Insulation Initial Dielectric Between Open Contacts        | 1250 Vrms                    |
| Contact Limiting Making Current                            | 165 A                        |
| Contact Limiting Short-Time Current                        | 16 A                         |
| Contact Limiting Continuous Current                        | 16 A                         |
| Insulation Creepage Class                                  | 8 mm                         |
| Coil Power Rating Class                                    | 500 – 600 mW                 |
| 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                                       | Bistable, 2 Coils, Polarized |



|                                 |                            |
|---------------------------------|----------------------------|
| Coil Power Rating DC            | 600 mW                     |
| Coil Resistance                 | 240 $\Omega$               |
| 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 PTI250V |
| Product Weight              | 14 g[.494 oz]                        |

### Contact Features

|                              |                    |
|------------------------------|--------------------|
| Contact Special Features     | W Pre-Make Contact |
| Contact Arrangement          | 1 Form A (NO)      |
| Contact Current Class        | 10 – 20 A, 16 A    |
| Contact Current Rating (Max) | 16 A               |
| Contact Material             | AgSnO <sub>2</sub> |
| Contact Number of Poles      | 1                  |
| Relay Terminal Type          | PCB-THT, Plug-In   |

### 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                              | 16 mm[.63 in]   |

### Usage Conditions

|   |               |
|---|---------------|
| Environmental Ambient Temperature Class | 70 – 85 °C    |
| Environmental Ambient Temperature (Max) | 85 °C[185 °F] |

### Packaging Features



|                  |                  |
|------------------|------------------|
| Packaging Method | Box & Tube, 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

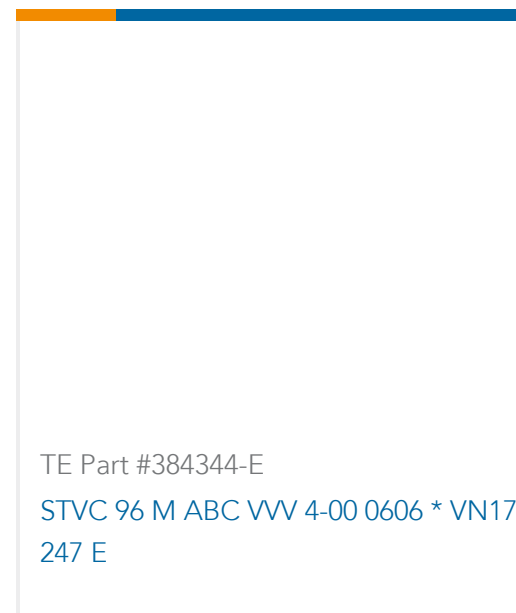


Also in the Series | [SCHRACK Power PCB Relay RT Inrush Power](#)



Power Relays(33)

## Customers Also Bought

TE Part #1-1415898-4  
PCB Power Relay: 16 Amp, InrushTE Part #2-1437565-8  
FSM2JSMAA=TACTILE 260G FORCE STE Part #3-1415390-1  
PE014F12TE Part #7-1879352-7  
RR02 5% 470R AMMOTE Part #6-1423673-4  
W51-AB21B2-12=CKTBKR,THERM,  
ROCK,QC.250,PTE Part #1393230-2  
RP3SLA06TE Part #384344-E  
STVC 96 M ABC VVV 4-00 0606 \* VN17  
247 ETE Part #4-1415898-2  
RTS3LF03

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1415898-5\\_F.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1415898-5\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1415898-5\\_F.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 RT Inrush Power

English

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### Product Specifications

#### Definitions General Purpose Relays

English

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### Agency Approvals

#### VDE Certificate

English