



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 Class: **600 – 800 mW**
Coil Power Rating DC: **650 mW**
Coil Resistance: **886 Ω**

[All PCB Power Relay: 16 Amp, Inrush \(20\)](#)

Features

Product Type Features

Power Relay Type	Standard
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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
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 Class	600 – 800 mW
Coil Power Rating DC	650 mW
Coil Resistance	886 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	24 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	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	W + AgSnO2
Contact Number of Poles	1
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	13.7 mm[.539 in]
Product Length	30 mm[1.181 in]
Product Height	25.6 mm[1.008 in]

Usage Conditions

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

Packaging Features

Packaging Method	Carton, Tray
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

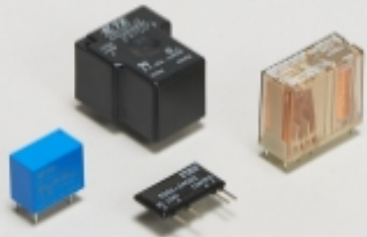
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # CAT-SCH691-R819A
PCB Power Relay: 16 Amp, Inrush

Also in the Series | SCHRACK Power PCB Relay RT Inrush Power



Power Relays(36)



Customers Also Bought



TE Part #1053072-1
2056 0000 00



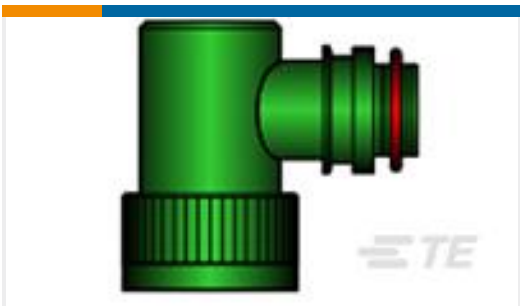
TE Part #148413-5
EURO TYPE M PIN ASSY 42+6



TE Part #1-2271888-3
DYNAMIC 1100 HDR ASSY



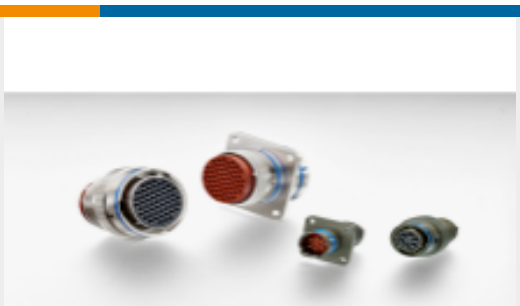
TE Part #1060787-1
5807 7985 09,OSX R/A CABL PLUG



TE Part #114871-000
TXR41AB90-1608AI



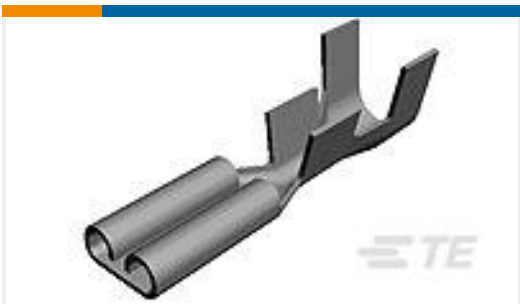
TE Part #1-534998-6
32 MODIV VRT DR CE 100/125



TE Part #YAFD50-14-5PNC0120
RECP ASSY



TE Part #1355204-1
JUN-POW-TIM HSG 17P



TE Part #1-1544545-2
CLIP 2,8 ED DIN 0,



TE Part #1103016-2
MDL2.HD.18.BU.C

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1415898-0_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1415898-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1415898-0_E.3d_stp.zip

English

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

- Datasheets & Catalog Pages

Power PCB Relay RT Inrush Power

English



[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

[Product Specifications](#)

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

English

[Agency Approvals](#)

[VDE Certificate](#)

English