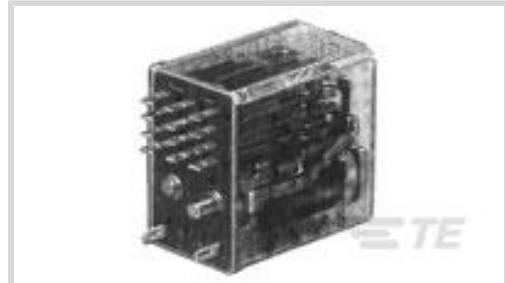


Relays & Contactors > Relays > Power Relays

Relay Type: **Industrial Panel Plug-In**Coil Magnetic System: **Monostable, DC**Coil Power Rating DC: **20 mW**Coil Resistance: **1000 Ω** Coil Special Features: **Sensitive Version**

Features

Product Type Features

Relay Type	Industrial Panel Plug-In
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Configuration Features

Coil Special Features	Sensitive Version
Contact Arrangement	2 Form C (CO)
Contact Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	10000 M Ω
Coil Power Rating DC	20 mW
Coil Resistance	1000 Ω
Contact Current Rating	3 A
Contact Switching Load (Min)	100mA @ 12V
Contact Voltage Rating	120 VAC

Body Features

Product Weight	40 g[1.41 oz]
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Contact Features

Contact Material

Ag

Termination Features

Relay Connection Type

Plug-In

Mechanical Attachment

Product Mounting Feature Type

Mounting Studs

Product Mount Type

Socket

Dimensions

Product Width

18.67 mm[.735 in]

Product Length

24.13 mm[.95 in]

Product Height

38.1 mm[1.5 in]

Usage Conditions

Environmental Ambient Temperature (Max)

75 °C[167 °F]

Operating Temperature Range

-55 - 75 °C

Operation/Application

Actuating System

DC

Coil Magnetic System

Monostable, DC

Packaging Features

Packaging Method

Package

Other

Length Class (Mechanical)

20 - 25 mm

Environmental Ambient Temperature Class

70 - 85 °C

Insulation Initial Dielectric Between Coil & Contact Class

500 - 1000 V

Height Class (Mechanical)

30 - 40 mm

Coil Power Rating Class

0 - 100 mW

Width Class (Mechanical)

16 - 20 mm

Contact Current Class

16 A

Product ComplianceFor 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 with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024

(240)

Candidate List Declared Against: JAN 2023

(233)

SVHC > Threshold:

Pb (3.7% in Component part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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

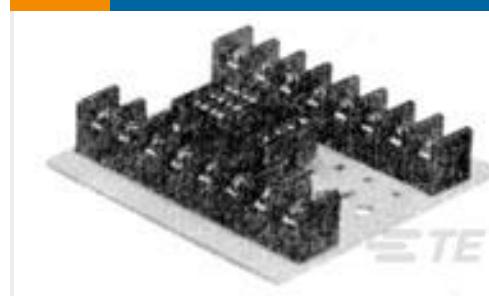
TE Part # 1393143-8
27E125=SOCKET,R10,10,SLG,PHE



TE Part # 1-1393143-1
27E128=SOCKET,R10,10,PC,PHEN



TE Part # 2-1393143-4
27E212=SOCKET,R10,10,PC,PHEN



TE Part # 1393837-1
27E460=SOCKET,R10,2POLE,TRACK-MNT,SCREW



TE Part # 2-1393143-1
27E193=SOCKET,R10,11,PC,PHEN



TE Part # 3-1393143-4
27E317=SOCKET,R10,2POLE,W/BRACKET



TE Part # 4-1393143-1
27E446=SOCKET,R10,2POLE,FLG-MNT,SOLDER



TE Part # 5-1393143-0
27E636=SOCKET,R10,2POLE,PCB,210

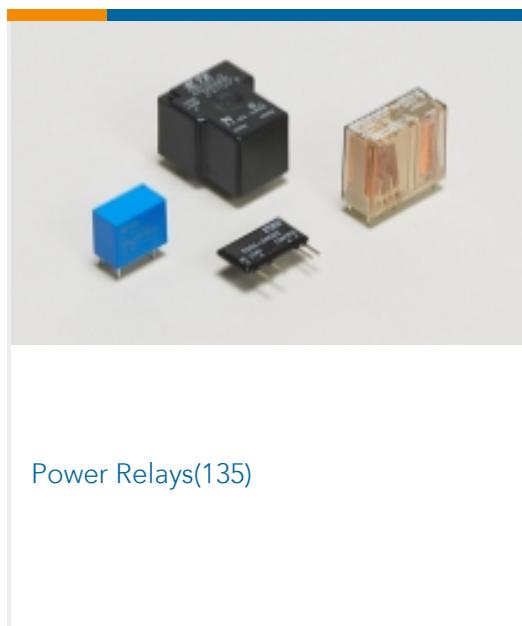
TE Part # 3-1393143-6
27E342=SOCKET,R10,2POLE,PCB.,180

Also in the Series

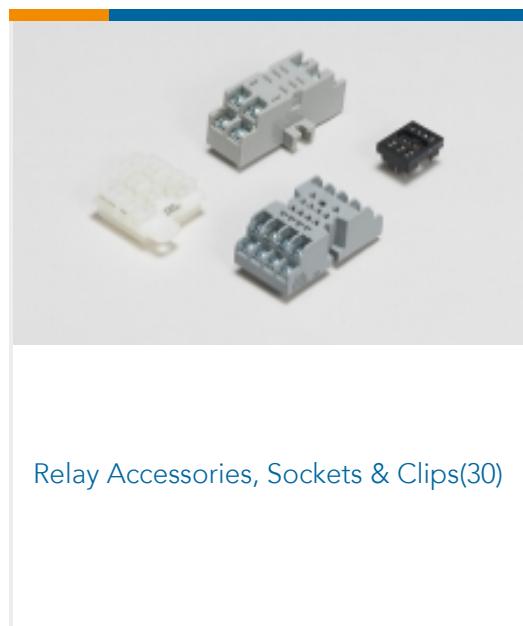
Potter & Brumfield R10



PCB Headers & Receptacles(1)



Power Relays(135)



Relay Accessories, Sockets & Clips(30)

Customers Also Bought

TE Part # 1-5499910-0
A/L UNIV HDR 50P VERT SHT LATTE Part # 1-5745967-0
25 RCPT SP/FMS INSRTTE Part # 4-640442-1
11P MTA100 CONN ASSY BLUTE Part # 8-1393239-7
RT314F12TE Part # 1393243-4
RTE24012TE Part # 3-1393159-6
20C250=SPRING,HOLD-DOWN,R10,0TE Part # 1658013-1
MSB0.80PL5ASY040FL,-10,-TYTE Part # 2-1658012-1
MSB0.80RC-ASY040FL,-10,-TYTE Part # 601966-1
CRIMPING TOOL M22520/2-01TE Part # 7-1393769-0
R10S-E1Y1-J1.0K=R10

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1393769-3_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393769-3_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393769-3_99.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[R10 General Purpose Dry Circuit to 7.5 Amp Multicontact AC or DC Relay](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[CSA Certificate](#)

English