

[Relays & Contactors > Relays > Power Relays](#)Relay Type: **Industrial Panel Plug-In**Coil Magnetic System: **Monostable**Coil Power Rating DC: **900 mW**Coil Resistance: **185 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
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Contact Arrangement	2 Form C (CO)
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Contact Number of Poles	2
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Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
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Insulation Initial Dielectric Between Open Contacts	500 Vrms
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Contact Limiting Making Current	5 A
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Contact Limiting Short-Time Current	5 A
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Contact Limiting Continuous Current	5 A
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Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
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Insulation Initial Resistance	10000 MΩ
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Contact Limiting Breaking Current	5 A
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Coil Power Rating DC	900 mW
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Coil Resistance	185 Ω
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Coil Voltage Rating	12 VDC
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Contact Current Rating	5 A
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Contact Switching Load (Min)	300mA @ 12V
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Contact Voltage Rating	120 VAC
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Body Features

Product Weight	40 g[1.41 oz]
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Contact Features

Contact Material	AgCdO
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Termination Features

Relay Connection Type	Plug-In
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Terminal Configuration	Solder Pins
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Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Product Width	18.66 mm[.734 in]
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Product Length	24.13 mm[.95 in]
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Product Height	29.97 mm[1.17 in]
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Usage Conditions

Environmental Ambient Temperature (Max)	75 °C[167 °F]
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Operating Temperature Range	-55 - 75 °C
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Operation/Application

Actuating System	DC
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Coil Magnetic System	Monostable
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Packaging Features

Packaging Method	Package
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Other

Length Class (Mechanical)	20 - 25 mm
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Insulation Initial Dielectric Between Coil & Contact Class	500 - 1000 V
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Environmental Ambient Temperature Class	70 - 85 °C
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Height Class (Mechanical)	30 - 40 mm
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Coil Power Rating Class	800 - 1000 mW
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Width Class (Mechanical)	16 - 20 mm
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Contact Current Class	16 A
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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	<p>Current ECHA Candidate List: JAN 2024 (240)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC > Threshold: Cadmium oxide (7.95% in Component Part)</p> <p><small>Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</small></p>
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 260°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

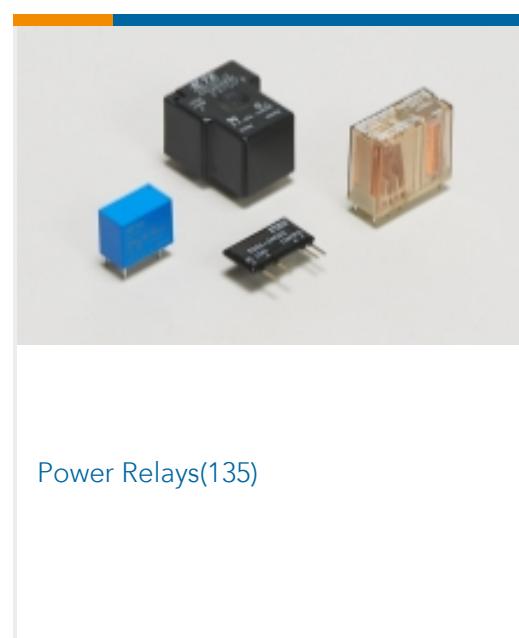


TE Part # 1-1393767-1
R10-E2X2-V185=R10

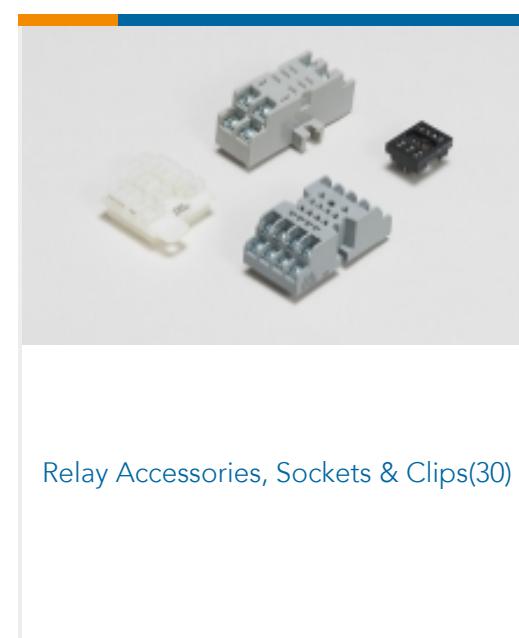
Also in the Series | [Potter & Brumfield R10](#)



PCB Headers & Receptacles(1)



Power Relays(135)



Relay Accessories, Sockets & Clips(30)

Customers Also Bought

TE Part # 2-5102321-1
AMP-LATCH UNIVERSAL HEADERSTE Part # 2301826-2
AMPL PLUG HD20, VERT, 9P, B/L,4-40
S/LOCTE Part # 5748676-1
DIE CAST CBL CLMP KIT,SZ 1TE Part # 207599-7
MMATE PIN HDR ASSY,16P LFTE Part # 9-2176089-2
RP 1J 0.166W 107K 0.1% 25PPM 1K RLTE Part # 1241416-1
AMP MCP 6.3/4.8K, CONTACT, SWS

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1393769-2_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393769-2_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393769-2_99.3d_stp.zip](#)

English

Datasheets & Catalog Pages

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

English

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Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

CSA Certificate

English