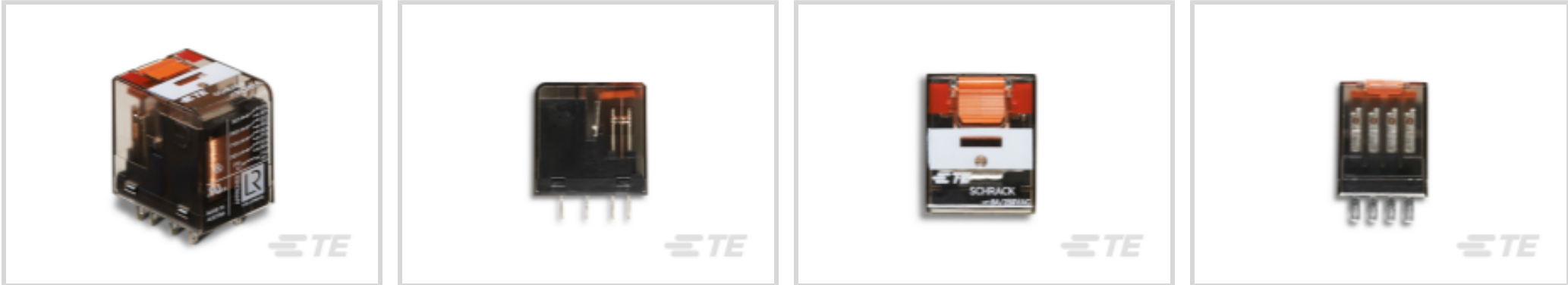




Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, AC**
Coil Power Rating Class: **[.5 – 1 VA]**
Coil Power Rating AC: **.86 VA, 1 VA**
Coil Resistance: **4845 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1200 Vrms
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	12 A
Contact Limiting Short-Time Current	300 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, AC
	.5 – 1 VA
Coil Power Rating AC	.86 VA, 1 VA
Coil Resistance	4845 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	115 VAC
Contact Switching Load (Min)	10mA @ 12V
Contact Switching Voltage (Max)	240 VAC



Contact Voltage Rating	240 VAC
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Body Features

Insulation Special Features	5000V Initial Surge Withstand Voltage between Contacts & Coil
Product Weight	30 g[1.058 oz]

Contact Features

Contact Arrangement	4 Form C (4 CO)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	6 A
Contact Material	AgNi90/10
Contact Number of Poles	4
Terminal Type	Plug-In, Solder

Mechanical Attachment

Relay Mounting Type	Socket
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Dimensions (L x W x H) (Approximate)	28 x 22.5 x 29 mm[1.102 x .886 x 1.142 in]
Insulation Clearance Class	2.5 – 4 mm
Height Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	3 mm
Width Class (Mechanical)	20 – 25 mm
Product Width	22.5 mm[.886 in]
Product Length	28 mm[1.102 in]
Product Height	29 mm[1.142 in]

Usage Conditions

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

Packaging Features

Packaging Method	Carton & Tube
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

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 Model / Part # 4-1415043-1
PT78600



TE Model / Part # 5-1415034-1
PT78741



TE Model / Part # 1816124-1
PT17024



TE Model / Part # 3-1415043-1
PT78604



TE Model / Part # 7-1415036-1
PTML0730



TE Model / Part # 1860000-1
PT7874P

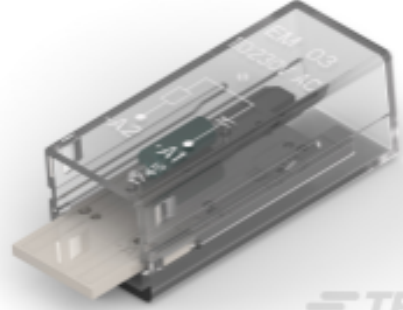
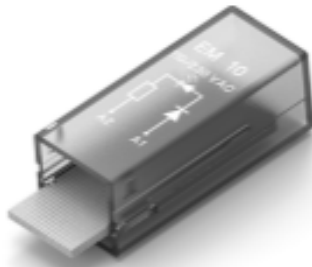
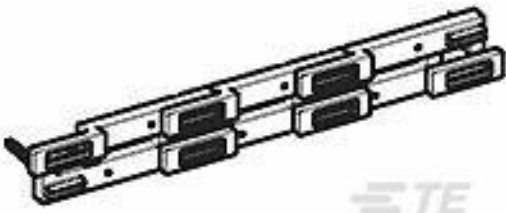
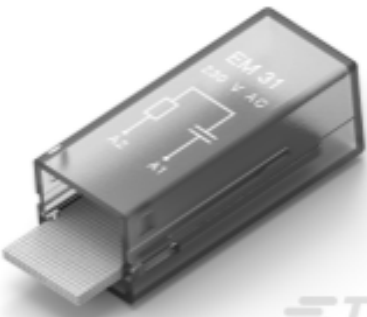
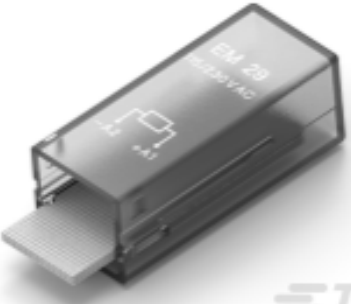
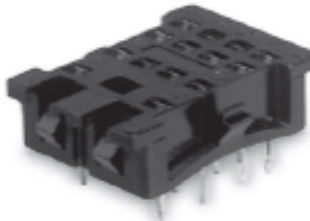


TE Model / Part # 6-1415037-1
PT17040

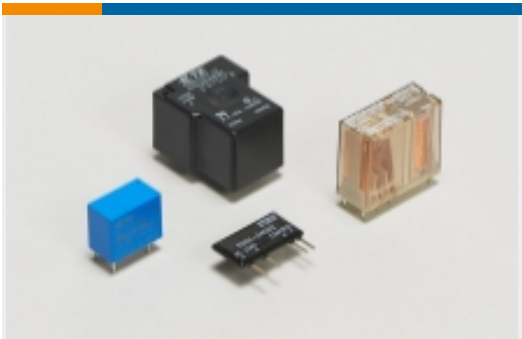


TE Model / Part # 1-1415526-1
PT78742



 TE Model / Part # 5-1419111-9 PT28800	 TE Model / Part # 5-1415037-1 PT17016	 TE Model / Part # 2-1415526-1 PT17021	 TE Model / Part # 4-1415033-1 PT78740
 TE Model / Part # 2-1415037-1 PTMU0730	 TE Model / Part # 4-1415036-1 PTMG0730	 TE Model / Part # 1860214-1 PT170P1 Jumper Link	 TE Model / Part # 1860517-5 PT170R6 Jumper Bar
 TE Model / Part # 1393162-1 PT28802	 TE Model / Part # 1415037-2 PTMD0730 (EM31)	 TE Model / Part # 1-1415539-2 PTMR0730	 TE Model / Part # 6-1415043-1 PT78601

Also in the Series | **SCHRACK Miniature Relay PT**



Power Relays(153)

Customers Also Bought

 TE Model / Part #9-1415071-1 PT78730	 TE Model / Part #6-1415037-1 PT17040	 TE Model / Part #8-1419111-3 PT570110	 TE Model / Part #9-1419111-1 PT570730
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Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1419111-0_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1419111-0_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1419111-0_99.3d_stp.zip

English

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

Datasheets & Catalog Pages

Miniature Relay PT

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions Relays

English

Agency Approvals

VDE Certificate

English