



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **3 Form C 3PDT-CO**

Current Type: **DC**

Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Number of Poles	3
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	3 Form C 3PDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	300 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 12V
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Limiting Making Current	20 A
Contact Limiting Breaking Current	10 A
Coil Resistance	192 Ω
Contact Current Rating	10 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	.75 W
Insulation Initial Dielectric Between Contacts & Coil	1200 Vrms

Body Features

Product Weight	30 g[1.058 oz]
Enclosure Type	Flux Resistant Automatic Soldering

Contact Features

Contact Material	AgNi90/10
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Mechanical Attachment

Product Mount Type	Panel & Socket
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Dimensions

Insulation Clearance Between Contact & Coil	3 mm
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Product Width	22.5 mm[.885 in]
Product Length	28 mm[1.1 in]
Product Height	29 mm[1.14 in]

Usage Conditions

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

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Carton & Tube
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Other

Coil Power Rating Class	.6 – .8 W
Contact Current Class	5 – 10 A, 10 – 20 A
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

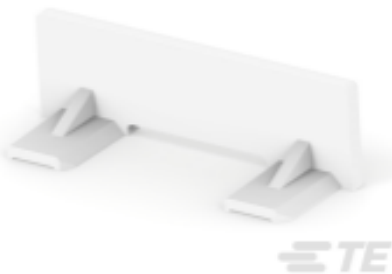
Product Compliance Disclaimer

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 Part # 1393162-5
PT78603



TE Part # 6-1415037-1
PT17040



TE Part # 1816124-1
PT17024



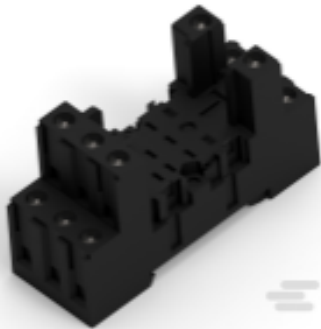
TE Part # 5-1415036-1
PTML0024



TE Part # 5-1415037-1
PT17016



TE Part # 5-1419111-9
PT28800



TE Part # 9-1415071-1
PT78730



TE Part # 1393162-1
PT28802



TE Part # 2-1415036-1
PTMG0024

TE Part # 6-1415036-1
PTML0524

TE Part # 3-1415036-1
PTMG0524

TE Part # 1415037-1
PTMT00LO

TE Part # 9-1415036-1
PTMT00A0

TE Part # 1860517-5
PT170R6 Jumper Bar

TE Part # 8-1415036-1
PTML1024

Also in the Series | SCHRACK Miniature Relay PT

Electromechanical Relays(111)

Customers Also Bought

TE Part #8-1419111-8
PT570548

TE Part #8-1419111-0
PT570012

TE Part #6-1419111-9
PT370730

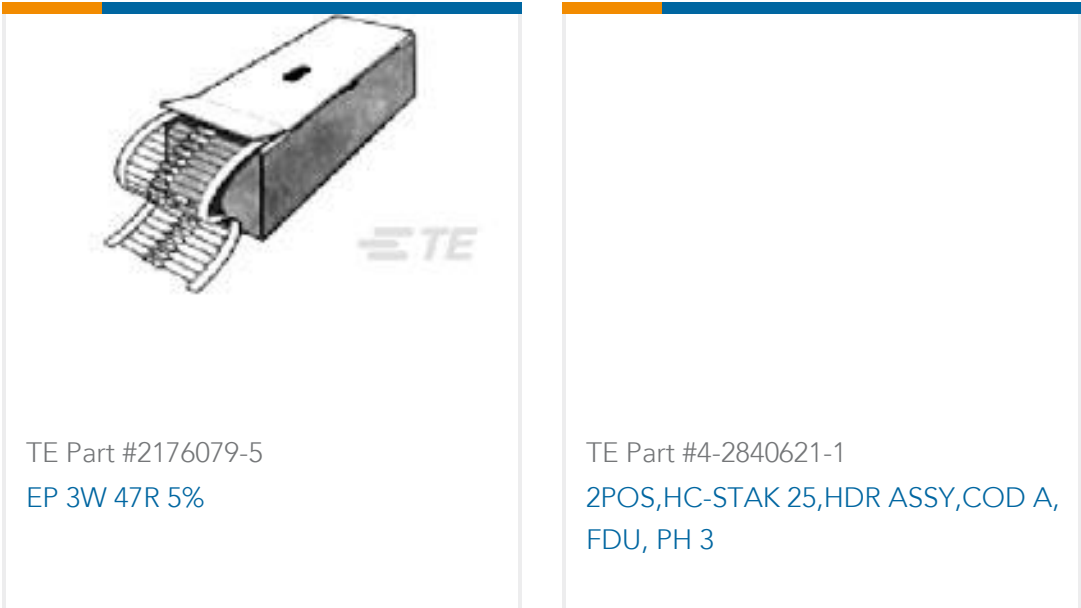
TE Part #6-1419111-8
PT370615

TE Part #6-1419111-1
PT370024

TE Part #8-1419111-3
PT570110

TE Part #7-1393243-5
RT424110

TE Part #4-1419111-8
PT270524



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1419111-0_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1419111-0_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1419111-0_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

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English