PT370730 ✔ ACTIVE

SCHRACK | SCHRACK Miniature Relay PT

TE Internal #: 6-1419111-9

General Purpose Power Relay, AC, Monostable, 3 Form C 3PDT-CO, 10 A Contact Rating, 230 VAC Coil Voltage, SCHRACK Miniature Relay PT

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Relays & Contactors > Electromechanical Relays




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

Coil Magnetic System: **Monostable**

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

Current Type: **AC**

Contact Current Rating: **10 A**

Features

Other

	.5 – 1 VA
Height Class (Mechanical)	25 – 30 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Contact Current Class	5 – 10 A, 10 – 20 A

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Operation/Application

Coil Magnetic System	Monostable
Current Type	AC

Configuration Features

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

Electrical Characteristics

Contact Current Rating	10 A
Coil Voltage Rating	230 VAC
Contact Voltage Rating	240 VAC
Insulation Initial Dielectric Between Contacts & Coil	1200 Vrms
Contact Limiting Short-Time Current	300 A
Contact Limiting Making Current	20 A
Contact Limiting Breaking Current	10 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 12V
Coil Resistance	19465 Ω
Coil Power Rating AC	.9 VA, 1 VA

Mechanical Attachment

Product Mount Type	Panel & Socket

Body Features

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

Usage Conditions

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

Contact Features

Contact Material	AgNi90/10

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]

Packaging Features

Packaging Method	Carton & Tube

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

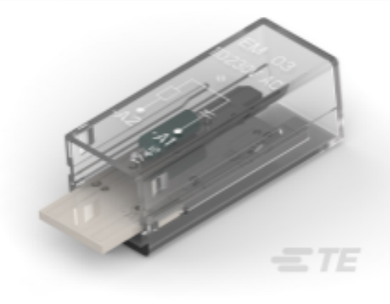
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1415539-2
PTMR0730

TE Part # 4-1415037-1
PTMV0730

TE Part # 1393162-5
PT78603



TE Part # 2-1415037-1
PTMU0730

TE Part # 5-1415037-1
PT17016

TE Part # 1816124-1
PT17024

TE Part # 7-1415036-1
PTML0730

TE Part # 1393162-1
PT28802

TE Part # 9-1415071-1
PT78730

TE Part # 4-1415036-1
PTMG0730

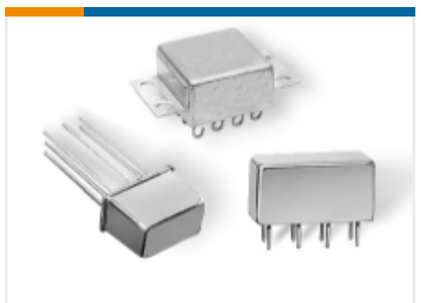
TE Part # 5-1419111-9
PT28800

TE Part # 6-1415037-1
PT17040

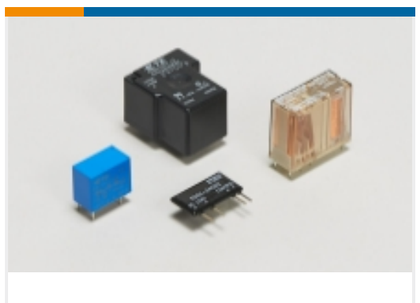
TE Part # 1415037-2
PTMD0730 (EM31)

TE Part # 1860517-5
PT170R6 Jumper Bar

Also in the Series | SCHRACK Miniature Relay PT



DC Relays(68)



General Purpose Power Relays(111)

PCB Relays(24)

Plug-In Relays(87)

Customers Also Bought

TE Part #6-1419111-0
PT370012

TE Part #4-1415033-1
PT78740

TE Part #6-1419111-1
PT370024

TE Part #8-1419111-0
PT570012

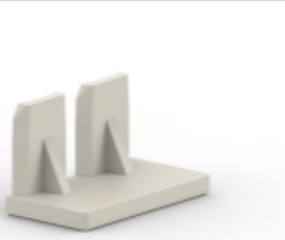
TE Part #4-1419111-8
PT270524

TE Part #6-1415035-1
RT78726

TE Part #1-1393154-2
PT570024

TE Part #8-1419111-7
PT570524

TE Part #9-1419111-1
PT570730



TE Part #2-1415038-1
RT17040

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6-1419111-9_99.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6-1419111-9_99.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_6-1419111-9_99.3d_stp.zip

English

Datasheets & Catalog Pages

Miniature Relay PT

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English