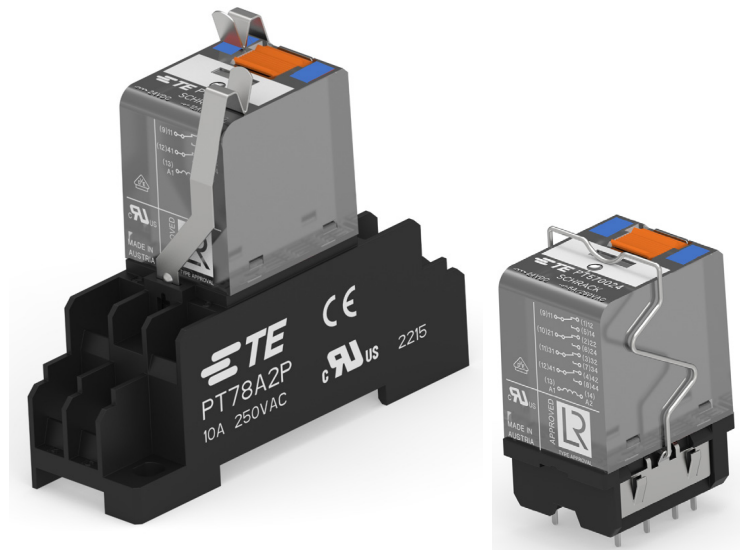


SCHRACK ACCESSORIES MINIATURE RELAY PT

GENERAL PURPOSE RELAYS ACCESSORIES

INTRODUCTION

This socket is a universal product and can be used with TE PT relays. This series includes a basic range of DIN and PCB types. Optional clips provide a more secure connection of the relay to the socket. For extensive PT relay accessories [click here](#)



FEATURES

- Easy replacement of relays on a densely packed DIN rail
- Safety protection against physical contact
- Metal clips can be installed to make the installation more stable
- Total height of socket-relay package is 60mm
- High quality rising clamp terminals
- Captive combination terminal screws

APPLICATION

Electrical control cabinet, Power Conversion System (PCS), Machine tool, Automatic production line

APPROVALS

- CE and cULus E233439 for DIN Rail sockets

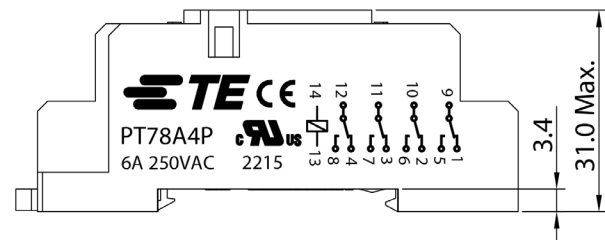
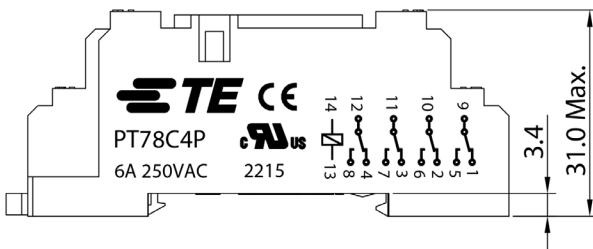
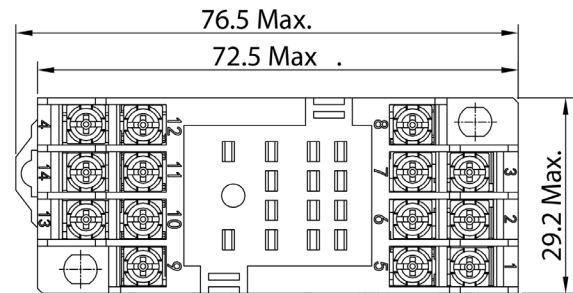
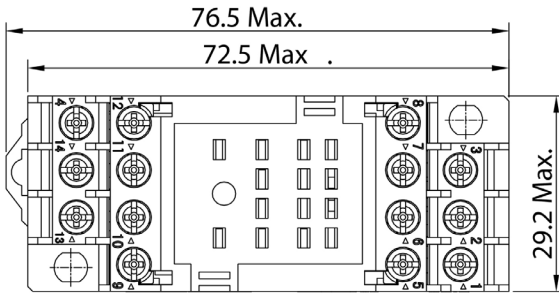
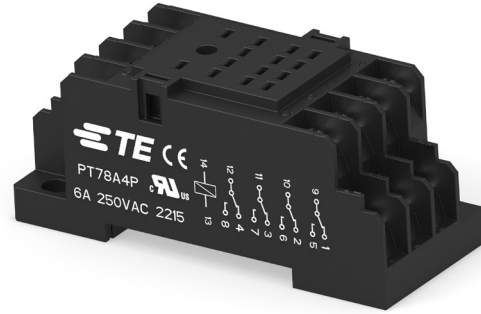
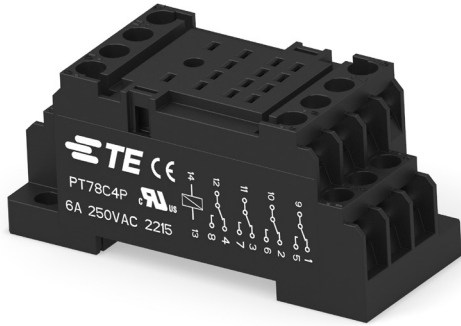


SCHRACK ACCESSORIES MINIATURE RELAY PT

GENERAL PURPOSE RELAYS ACCESSORIES

PT DIN-rail socket with screw type terminals

PT78C4P, PT78A4P



2071566-1	PT78C4P
Part number	Part description

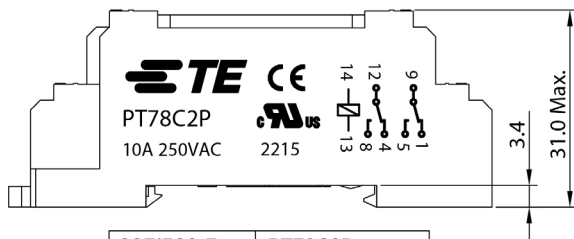
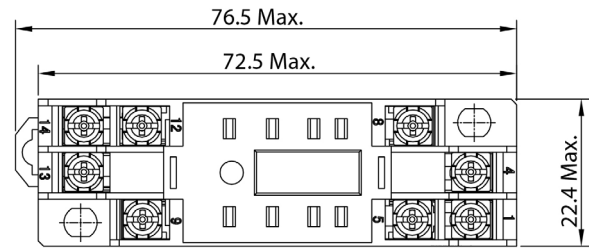
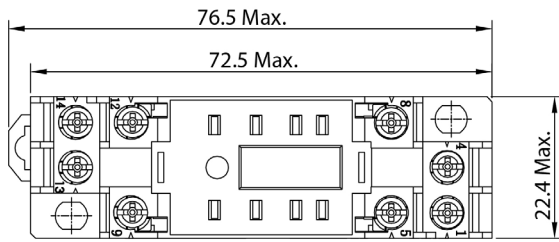
2071566-2	PT78A4P
Part number	Part description

SCHRACK ACCESSORIES MINIATURE RELAY PT

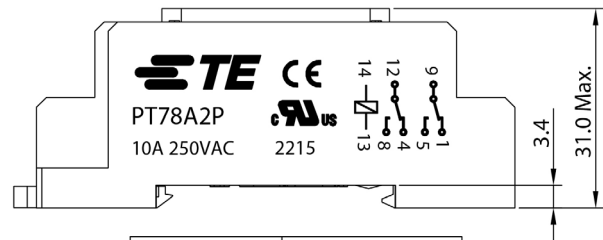
GENERAL PURPOSE RELAYS ACCESSORIES

PT DIN-rail socket with screw type terminals

PT78C2P, PT78A2P



2071566-3	PT78C2P
Part number	Part description



2071566-4	PT78A2P
Part number	Part description

SCHRACK ACCESSORIES MINIATURE RELAY PT

GENERAL PURPOSE RELAYS ACCESSORIES

PT DIN-rail socket with screw type terminals

PT78C4P, PT78A4P, PT78C2P, PT78A2P

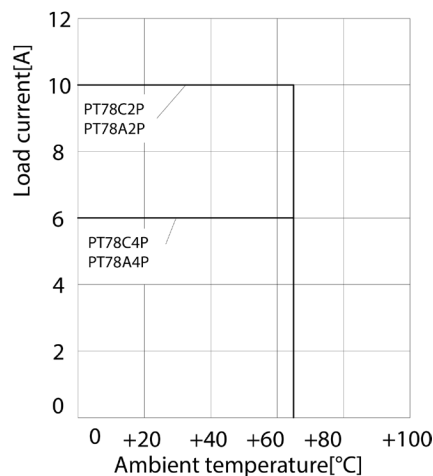
Technical data	2-pole	4-pole
Rated voltage/ Max. switching voltage	2 form C (CO)	4 form C (CO)
Rated current	10A	6A
Limiting continuous current	see derating curve	
Dielectric strength (initial value)		
Open contact circuit 1 min	1,200Vac	1,200Vac
Coil-contacts 1 min	2,500Vac	2,500Vac
Adjacent contacts 1 min	2,500Vac	2,000Vac
Clearance / creepage		
Coil-contact circuit	≥3/4mm	≥3/4mm
Adjacent contact circuits	≥3/4mm	≥1.5/2.2mm
Material group of insulation parts	IIIa	
Flammability class UL 94	V2	
Insulation to IEC 60664-1		
Type of insulation		
Coil contact circuit	Basic	
Open contact circuit	Functional	
Adjacent contact circuits	Basic	

1) with inserted relay pollution degree 1 in region of contact pin/socket inlets

Technical data (continued)

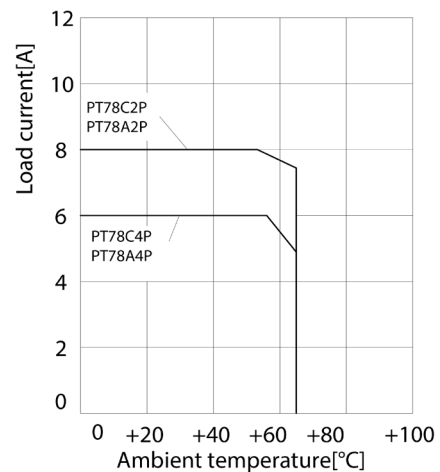
Rated insulation voltage	250V
Pollution degree	2 ¹⁾
Rated voltage system	230/400V
Ambient temperature range	-40...+65°C
Terminals	screw
Terminal screw torque acc. IEC61984	0.5Nm (typical) 0.7Nm(max)
Terminal Screw size	M3
Wire strip length	8mm
Wire cross section	
single wire	1.5 mm ²
fine wire	1.5 mm ²
Insertion cycles	A (10)
Max. Insertion Force	130N
Max pull out force	130N
Mounting direction	Any direction with clip
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter	

Derating curve according to UL508



The derating curve was defined and measured by PT socket and PT relay together.

Derating curve according to IEC61984



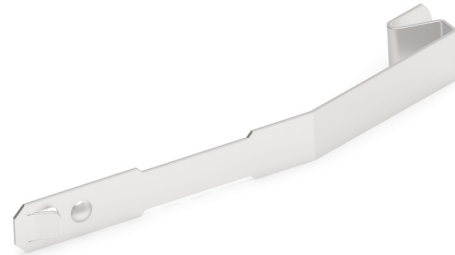
The derating curve was defined and measured by PT socket and PT relay together.

SCHRACK ACCESSORIES MINIATURE RELAY PT

GENERAL PURPOSE RELAYS ACCESSORIES



PT28D00



PT28D01

PT sockets

Type	Description	Part Number
PT78C4P	DIN-rail socket with screw type terminals 4 pole, with safety protection	2071566-1
PT78A4P	DIN-rail socket with screw type terminals 4 pole	2071566-2
PT78C2P	DIN-rail socket with screw type terminals 2 pole, with safety protection	2071566-3
PT78A2P	DIN-rail socket with screw type terminals 2 pole	2071566-4

Accessories for

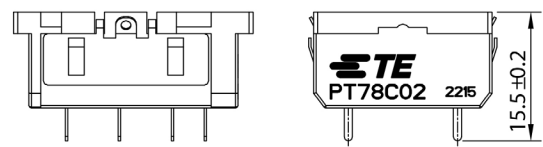
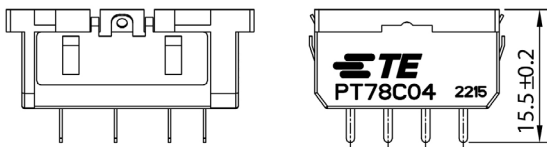
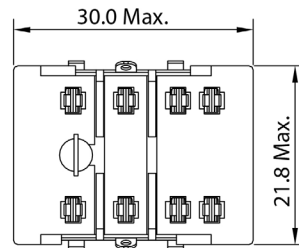
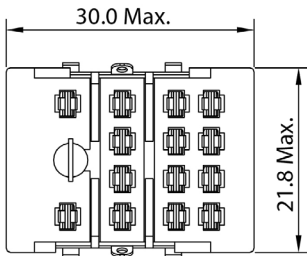
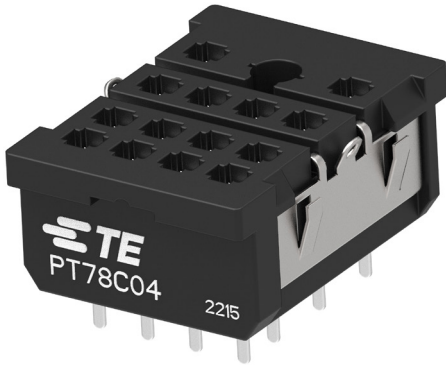
Type	Description	Part Number
PT28D00	Metal retaining clip for DIN rail socket, 28 mm height relay	2071566-7
PT28D01	Metal retaining clip for DIN rail socket, 36 mm height relay	2071566-9

SCHRACK ACCESSORIES MINIATURE RELAY PT

GENERAL PURPOSE RELAYS ACCESSORIES

PT PCB socket

PT78C02,PT78C04



2071566-5	PT78C04
Part number	Part description

2071566-6	PT78C02
Part number	Part description

SCHRACK ACCESSORIES MINIATURE RELAY PT

GENERAL PURPOSE RELAYS ACCESSORIES

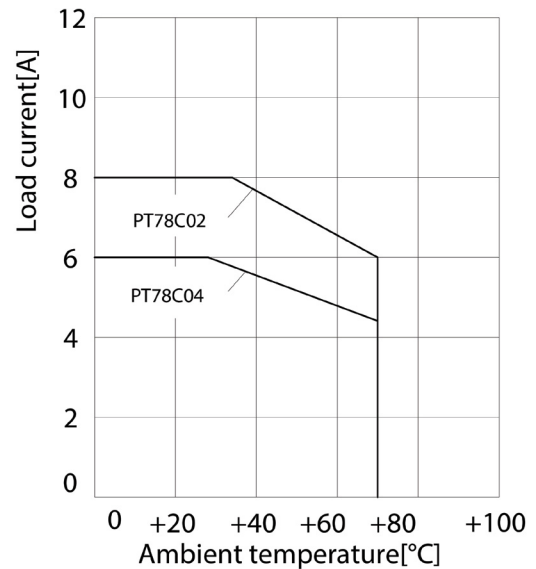
PT PCB socket

PT78C02,PT78C04

Technical data	2-pole	4-pole
Rated voltage/ Max. switching voltage	2 form C (CO)	4 form C (CO)
Rated current	8A	6A
Limiting continuous current	see derating curve	
Dielectric strength (initial value)		
Open contact circuit 1 min	1,200Vac	1,200Vac
Coil-contacts 1 min	2,500Vac	2,500Vac
Adjacent contacts 1 min	2,500Vac	2,000Vac
Clearance / creepage		
Coil-contact circuit	≥3/4mm	≥3/4mm
Adjacent contact circuits	≥3/4mm	≥1.5/2.2mm
Material group of insulation parts	IIIa	
Flammability class UL 94	V2	
Insulation to IEC 60664-1		
Type of insulation		
Coil contact circuit	Basic	Basic
Open contact circuit	Functional	Functional
Adjacent contact circuits	Basic	Functional
Rated insulation voltage	250V	250V
Pollution degree	2	2
Rated voltage system	230/400V	230/400V
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter		

Technical data(Continued)	2-pole	4-pole
Ambient temperature range	-40...+70 °C	
Terminals	PCB terminals	
Insertion cycles	A (10)	
Resistance against solder heat	270°C/ 10s	
Max. Insertion Force	130N	
Max pull out force	130N	
Mounting direction	Any direction with clip	
Mounting distance	≥5mm	
Weight	6g	7g

Derating curve according to IEC61984



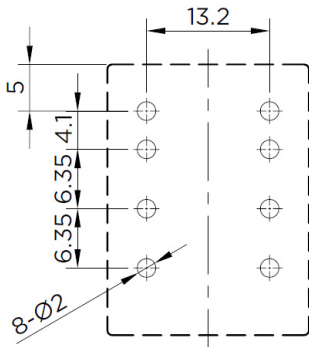
The derating curve was defined and measured by PT socket and PT relay together.

SCHRACK ACCESSORIES MINIATURE RELAY PT

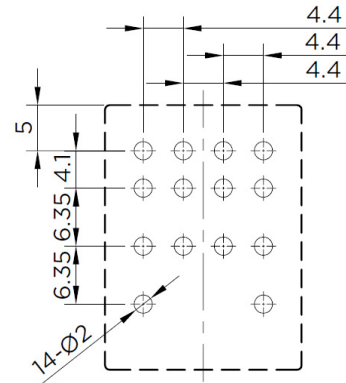
GENERAL PURPOSE RELAYS ACCESSORIES

Footprint

2P PCB socket footprint



4P PCB socket footprint



PT28P00

PT sockets

Type	Description	Part Number
PT78C04	Socket with PCB terminals, 4 pole	2071566-5
PT78C02	Socket with PCB terminals, 2 pole	2071566-6

Accessories for

Type	Description	Part Number
PT28P00	Metal retaining clip for PCB socket, relay height 28mm	2071566-8