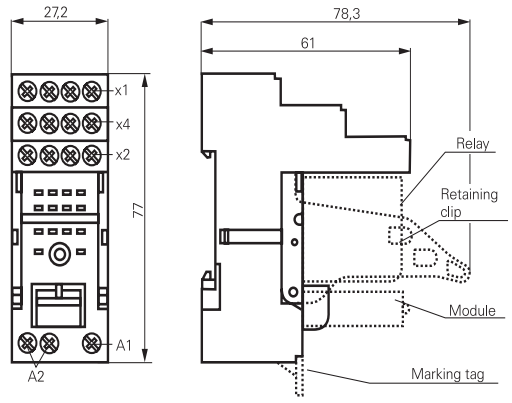
Accessories Miniature Relay PT (Continued)

DIN-rail socket with screw type terminals PT78722/PT78742

- **Socket with logical arrangement of control/load terminals**
- **High quality rising clamp terminals**
- **Captive combination terminal screws**
- **Second A2 for easier looping**
- **Jumper bars for interconnection**

F0264-C



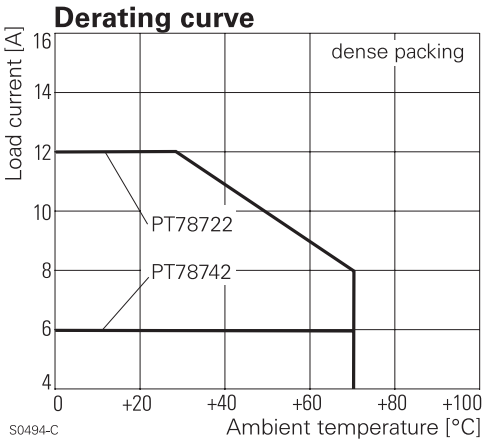
S0489-CA

Approvals

VDE Cert. No. 40009108, cULus E135149

Technical data	2-pole	4-pole
Rated voltage/Max. switching voltage AC	240/400VAC	240 VAC
Rated current	12 A	6 A
Limiting continuous current	see derating curve	
Dielectric strength		
coil contact circuit	2500 V_{rms}	2500 V_{rms}
open contact circuit	1200 V_{rms}	1200 V_{rms}
adjacent contact circuits	2500 V_{rms}	2000 V_{rms}
Clearance / creepage		
coil contact circuit	≥ 4/4 mm	≥ 4/4 mm
adjacent contact circuits	≥ 3.5/9.5 mm	≥ 1.8/3.5 mm
Material group of insulation parts	IIIa	
Flammability class UL 94	V-0	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	basic	
open contact circuit	functional	
adjacent contact circuits	basic	
Rated insulation voltage	250 V	
Pollution degree	2[1)]	
Rated voltage system	230 / 400 V	
Overvoltage category	III	
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter		

Ambient temperature range	-40…+70°C	
Terminals	screw	
Terminals screw torque acc. IEC 61984	0.5 Nm	
max.	0.7 Nm	
Terminal Screw size	M3	
Wire strip length	8 mm	
Wire cross section		
single wire	2 x 2.5 mm^2	
fine wire	2 x 2.5 mm^2	
with bootlace crimp (DIN 46228/1)	2 x 1.5 mm^2	
Insertion cycles	A (10)	
Max. Insertion Force total	100 N	
Mounting distance	≥ 0, dense packing	
Weight	44 g	60 g



S0494-C

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

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Datasheets, product data, 'Definitions' section, application notes and all specifications are subject to change.

Accessories Miniature Relay PT (Continued)

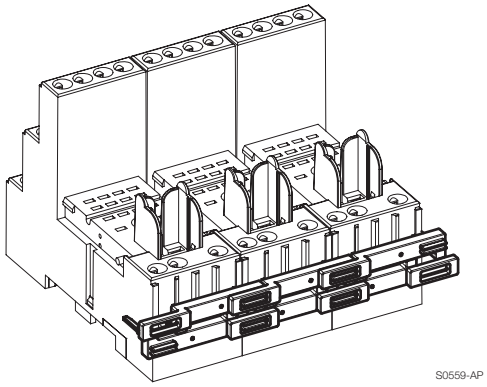
DIN-rail socket with screw type terminals, In/Out arrangement

Type		Part Number
PT 78 722	DIN-rail socket with screw type terminals, In/Out arrangement 2 pole	1415526-1
PT 78 742	DIN-rail socket with screw type terminals, In/Out arrangement 4 pole	1-1415526-1

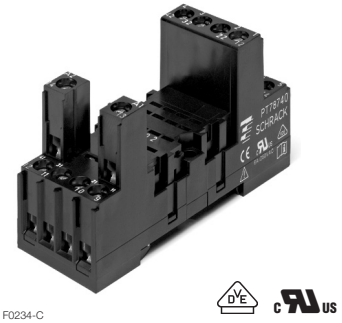
Accessories for PT 78 722, PT 78 742

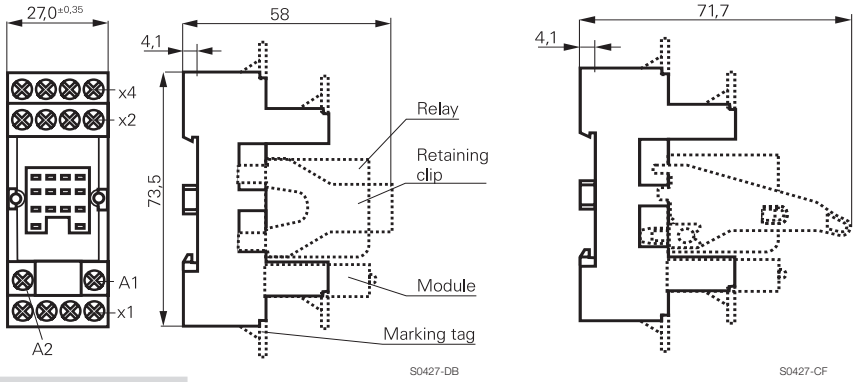
Type		Part Number
PT 17 021	Plastic retaining clip, relay height 29 mm	2-1415526-1
PT 28 800	Metal retaining clip PT, relay height 29 mm	5-1419111-9
PT 17 040	Marking tag	6-1415037-1
PT 17 0R6	Jumper bar, max load 12A for connection of up to 6 PT sockets	1860517-5

Jumper bar



PT DIN-rail socket with screw type terminals PT78720/730/740/741





Approvals

VDE Cert. No. 40009108, cULus E135149

Technical data	2-pole	3-pole	4-pole
Rated voltage/Max. switching voltage AC		240/400VAC	
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Dielectric strength			
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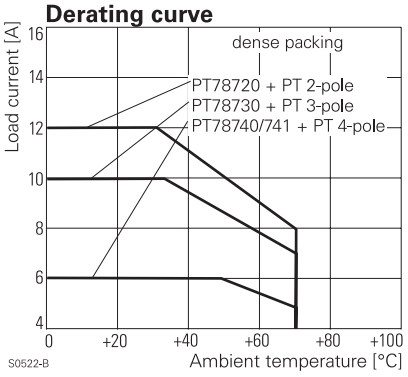
open contact circuit	1200 V_{rms}	1200 V_{rms}	1200 V_{rms}
adjacent contact circuits	2500 V_{rms}	2500 V_{rms}	2000 V_{rms}
Clearance / creepage			
coil-contact circuit	≥ 4/4 mm	≥ 4/4 mm	≥ 4/4 mm
adjacent contact circuits	≥3.5/9.5mm	≥2.6/3.5mm	≥1.8/3.5mm
Material group of insulation parts		IIIa	
Flammability class UL 94		V-0	
Insulation to IEC 60664-1			
Type of insulation			
coil-contact circuit	basic	basic	basic
open contact circuit	functional	functional	functional
adjacent contact circuits	basic	basic	functional
Rated insulation voltage		250 V	
Pollution degree		2	
Rated voltage system		230 / 400 V	
Overvoltage category		III	
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter			
Ambient temperature range		-40…+70°C	

Derating curve



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