

Accessories Miniature Relay PT (Continued)

Technical data (Continued)	2-pole	3-pole	4-pole
RoHS - Directive 2002/95/EC			
Din-rail sockets, retainers and marking tags:		compliant	
Degree of protection DIN 40050		IP20	
Ambient temperature range		-40...+70°C	
Terminals		screw	
Terminal screw torque acc. IEC 61984		0.5 Nm	
max.		0.8 Nm	
Wire cross section			
single wire		1 x 4.0 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	41 g	48 g	55 g
Packaging unit		10 pcs	

DIN-rail socket with screw type terminals

Type		Part Number
PT 78 720	DIN-rail socket with screw type terminals, 2 pole	6-1415034-1
PT 78 730	DIN-rail socket with screw type terminals, 3 pole	9-1415071-1
PT 78 740	DIN-rail socket with screw type terminals, 4 pole	4-1415033-1
PT 78 741	DIN-rail socket with screw type terminals, 4 pole package with protection diode module	5-1415034-1

Accessories for PT 78 720, PT 78 730, PT 78 740, PT 78 741

Type		Part Number
PT 17 016	Plastic retaining clip PT, relay height 29 mm	5-1415037-1
PT 17 017	Plastic retaining clip, relay height 34.6 mm	7-1415037-1
PT 17 018	Plastic retaining clip, relay height 35.2 mm	8-1415037-1
PT 17 019	Plastic retaining clip, relay height 36.6 mm	9-1415037-1
PT 17 020	Plastic retaining clip, relay height 37.6 mm	0-1415038-1
PT 28 800	Metal retaining clip PT, relay height 29 mm	5-1419111-9
ZG 28 801	Metal retaining clip, relay height 36 mm	1-1393162-5
PT 17 040	Marking tag	6-1415037-1

LED- and Protection Modules for PT 78 722, PT 78 742 PT 78 720, PT 78 730, PT 78 740

Easy insertion of module into the socket

Wiring in parallel to the coil

Type		Part Number
PTM T0 0A0	EM09 Protection diode (standard, A1+, A2-)	9-1415036-1
PTM T0 0L0	EM01 Protection diode (A1-, A2+)	0-1415037-1
PTM U0 524	EM02 RC-network 6...60 VAC	1-1415037-1
PTM U0 730	EM03 RC-network 110...230 VAC	2-1415037-1
PTM V0 524	EM04 Varistor 24 VAC	3-1415037-1
PTM V0 615	EM13 Varistor 115 VAC	6-1415365-1
PTM V0 730	EM05 Varistor 230 VAC	4-1415037-1

LED

PTM L0 524	EM07	red LED 6...24 VDC/VAC	6-1415036-1
PTM G0 524	EM11	green LED 6...24 VDC/VAC	3-1415036-1
PTM L0 024	EM18	red LED 6...24 VDC w. prot.diode (std, A1+, A2-)	5-1415036-1
PTM G0 024	EM12	green LED 6...24 VDC w. prot.diode (std, A1+, A2-)	2-1415036-1
PTM L1 024	EM08	red LED 6...24 VDC w. prot. diode (A1-, A2+)	8-1415036-1
PTM L0 110	EM19	red LED 48...110 VDC w. protection diode	2-1415392-1
PTM L0 730	EM06	red LED 110...230 VAC	7-1415036-1
PTM G0 730	EM10	green LED 110...230 VAC	4-1415036-1

Relay Packages

Complete packages consisting of a relay mounted on a socket: see Relay Package PT



F0231-A



F0232-A

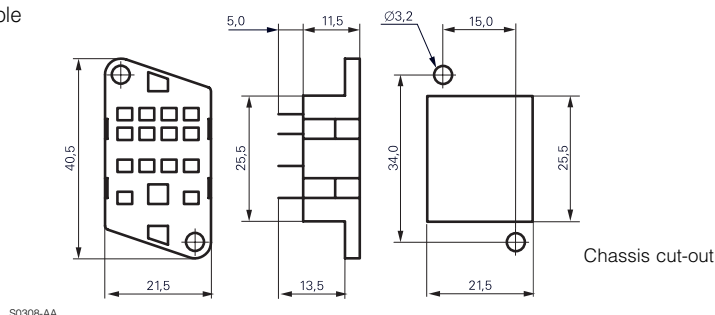
Accessories Miniature Relay PT (Continued)

PT sockets for PCB and with solder terminals PT 78 600/601/602/603/604

PT 78 600, socket with solder terminals, 4-pole



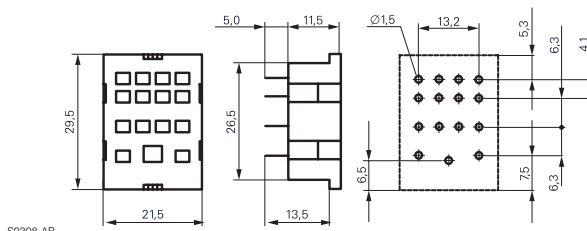
F0132-A



PT 78 602, PT 78 603, PT 78 604, socket with PCB terminals, 2-, 3- and 4-pole



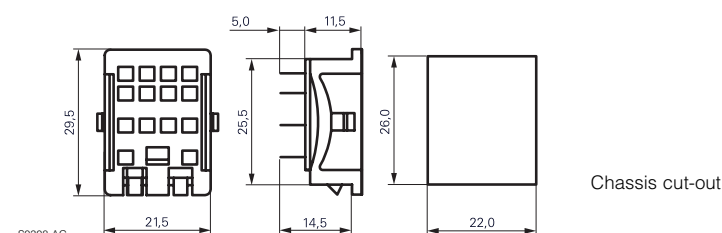
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PT 78 601, socket with solder terminals, 4-pole



F0134-A



Technical data	2-pole	3-pole	4-pole
Rated current	12 A	10 A	6 A
Rated voltage / max.switching voltage AC	240/400 VAC		
Dielectric strength coil-contact circuit	2500 V _{rms}	2500 V _{rms}	2500 V _{rms}
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	≥ 3/4 mm	≥ 2.6/4 mm	≥ 1.8/3 mm
Material group of insulation parts	≥ IIIa		
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		