

Accessories Miniature Relay PT

and similar design: relay heights 29 / 34.6 / 35.2 / 36.6 / 37.6mm



F0233-A

Features

- Easy replacement of relays on a densely packed DIN rail
- High quality rising clamp terminals
- Captive combination terminal screws
- No reduction of protection class or creepage/clearance with plastic retainer
- Simple plug-in indicator- and protection modules
- White snap-on tags

Accessories for sockets:

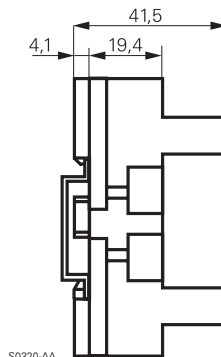
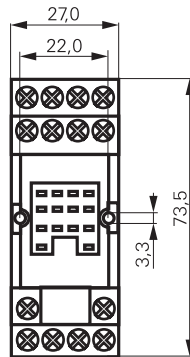
- Retaining clip
- LED- and protection modules
- Marking tags

Dimensions in mm

PT DIN-rail socket with screw type terminals



F0234-A



S0320-AA



Technical data

Rated current	4-pole	6 A
	3-pole	10 A
	2-pole	12 A
Rated voltage	250 Vac	
Insulation cat. (VDE 0110b)	C / 250 Vac	
Ambient temperature	-45...+70 °C ¹⁾	
Protection category	IP 20	
Protection against accidental contact meets	VBG 4	
Wire cross section	2 x 2.5 mm ²	
with bootlace crimp	2 x 1.5 mm ²	
Terminal torque	0.5 Nm	
max.	0.7 Nm	
Packaging unit	10 pcs.	
¹⁾ 50°C at rated load, 70°C at 80% of rated load		

DIN-rail socket with screw type terminals

Type	Part Number
PT 78 720	DIN-rail socket with screw type terminals, 2 pole
PT 78 730	DIN-rail socket with screw type terminals, 3 pole
PT 78 740	DIN-rail socket with screw type terminals, 4 pole
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
PT 17 017	Plastic retaining clip, relay height 34.6 mm
PT 17 018	Plastic retaining clip, relay height 35.2 mm
PT 17 019	Plastic retaining clip, relay height 36.6 mm
PT 17 020	Plastic retaining clip, relay height 37.6 mm
PT 28 800	Metal retaining clip PT, relay height 29 mm
ZG 28 801	Metal retaining clip, relay height 36 mm
PT 17 040	Marking tag
	6-1415037-1

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

Easy insertion of module into the socket

Wiring in parallel to the coil

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

LED

PTM L0 524	red LED 6...24 Vdc/Vac	6-1415036-1
PTM G0 524	green LED 6...24 Vdc/Vac	3-1415036-1
PTM L0 024	red LED 6...24 Vdc w. prot.diode (A1+, A2-)	5-1415036-1
PTM G0 024	green LED 6...24 Vdc w. prot.diode (A1+, A2-)	2-1415036-1
PTM L1 024	red LED 6...24 Vdc w. prot. diode (A1-, A2+)	8-1415036-1
PTM L0 110	red LED 48...110 Vdc w. prot. diode	2-1415392-1
PTM L0 730	red LED 110...230 Vac	7-1415036-1
PTM G0 730	green LED 110...230 Vac	4-1415036-1



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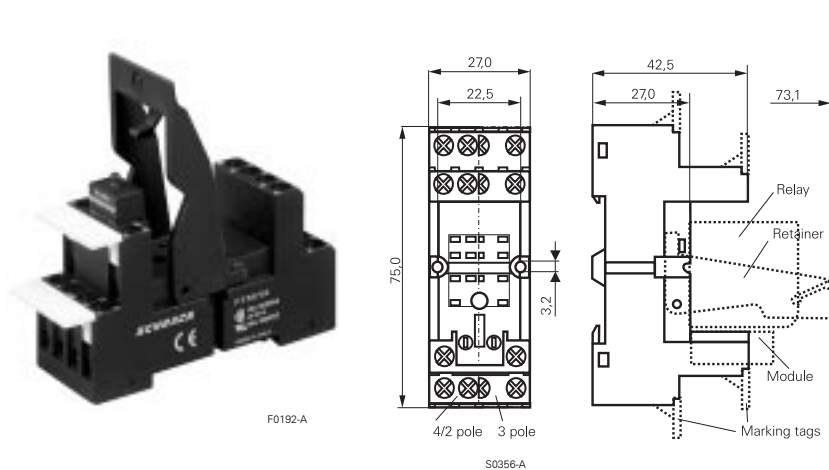
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Accessories Miniature Relay PT

and similar design: relay heights 29 / 34.6 / 35.2 / 36.6 / 37.6mm

Dimensions in mm

PT DIN-rail socket with screw type terminals



Technical data

Rated current	4 x 6 A, 3 x 10 A, 2 x 12 A
Rated voltage	300 Vac
Dielectric strength coil/cont.	>4000 V _{eff}
Insulation category (VDE 0110b)	C / 250 Vac
Ambient temperature	-45...+70 °C ¹⁾
Protection category	IP 20
Protection against accidental contact meets	VBG 4
Wire cross section	2 x 2.5 mm ²
with bootlace crimp	2 x 1.5 mm ²
Terminal torque	0.5 Nm
max.	0.8 Nm
Packaging unit	10 pcs.
¹⁾ at rated current to +40 °C, up to +70 °C at 70% of rated current	

DIN-rail socket with screw type terminals

Type		Part Number
PT 78 702	DIN-rail socket with screw type terminals, 2 pole	9-1419111-9
PT 78 703	DIN-rail socket with screw type terminals, 3 pole	0-1419112-1
PT 78 704	DIN-rail socket with screw type terminals, 4 pole	0-1419112-2

Accessories for PT 78 702, PT 78 703, PT 78 704

Type		Part Number
PT 16 016	Plastic retaining clip PT, relay height 29 mm	3-1419111-8
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 16 040	Marking tag	3-1419111-9

LED- and Protection Modules for PT 78 702, PT 78 703, PT 78 704

Easy insertion of module into the socket

Wiring in parallel to the coil

Type		Part Number
RPM T0 0A0	Protection diode 1N4007 ¹⁾	1-1393161-1
RPM U0 548	RC-network 24...48 Vac	1-1393161-3
RPM U0 730	RC-network 110...230 Vac	1-1393161-4

LED

RPM L0 024	red LED 12...24 Vdc w.prot.diode ¹⁾	0-1393161-4
RPM G0 024	green LED 12...24 Vdc w.prot.diode ¹⁾	0-1393161-3
RPM L0 524	red LED 12...48 Vdc / Vac	0-1393161-7
RPM G0 524	green LED 12...48 Vdc / Vac	2-1419152-4
RPM L0 110	red LED 60...110 Vdc w.prot.diode ¹⁾	0-1393161-6
RPM G0 110	green LED 60...110 Vdc w.prot.diode ¹⁾	2-1419152-3
RPM L0 730	red LED 110...230 Vac	0-1393161-8
RPM G0 730	green LED 110...230 Vac	2-1419152-5

¹⁾ Standard polarity: A1+, A2-

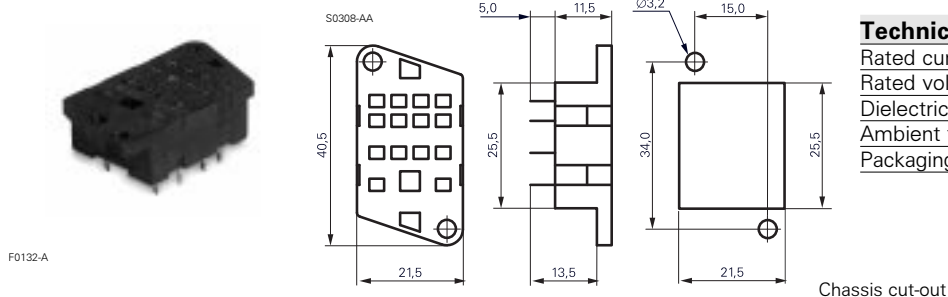


Accessories Miniature Relay PT

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Dimensions in mm
View on solder pins

PT 78 600 Socket with solder terminals, 4 pole



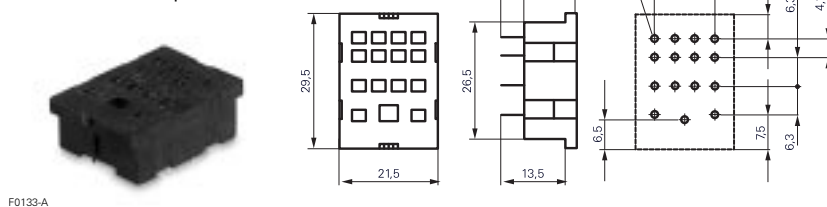
Technical data

Rated current	10 A
Rated voltage	250 Vac
Dielectric strength coil/cont.	>1500 V _{rms}
Ambient temperature	-40...+70 °C
Packaging unit	25 pcs.

PT 78 604 4 pole Socket with PCB terminals

PT 78 603 3 pole

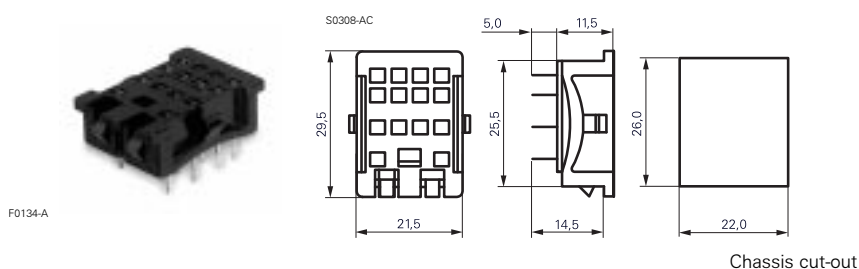
PT 78 602 2 pole



Technical data

Rated current	10 A
Rated voltage	250 Vac
Dielectric strength coil/cont.	>1500 V _{rms}
Ambient temperature	-40...+70 °C
Packaging unit	25 pcs.

PT 78 601 Socket with solder terminals, 4 pole



Technical data

Rated current	10 A
Rated voltage	250 Vac
Dielectric strength coil/cont.	>1500 V _{rms}
Ambient temperature	-40...+70 °C
Packaging unit	25 pcs.

PT sockets

Type	Part Number
PT 78 600 Socket with solder terminals, 4 pole	4-1415043-1
PT 78 602 Socket with PCB terminals, 2 pole	5-1415043-1
PT 78 603 Socket with PCB terminals, 3 pole	0-1393162-5
PT 78 604 Socket with PCB terminals, 4 pole	3-1415043-1
PT 78 601 Socket with solder terminals, 4 pole	6-1415043-1

Accessories for PT 78 600, PT 78 601, PT 78 602, PT 78 603, PT 78 604

Type	Part Number
PT 28 802 Metal retaining clip PT, relay height 29 mm	0-1393162-1
ZG 28 800 Metal retaining clip, relay height 36 mm	1-1393162-4