

# 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:

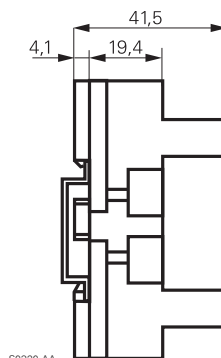
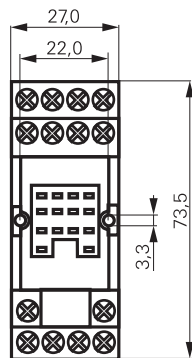
- Retaining clip
- LED- and protection modules
- Marking tags

Dimensions in mm

## PT DIN-rail socket with screw type terminals



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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	
Protection category	IP 20	
Protection against accidental contact meets	VBG 4	
Wire cross section	2 x 2.5 mm <sup>2</sup>	
with bootlace crimp	2 x 1.5 mm <sup>2</sup>	
Terminal torque	0.5 Nm	
max.	0.7 Nm	
Packaging unit	10 pcs.	

## DIN-rail socket with screw type terminals

Type		Part Number
<b>PT 78 720</b>	DIN-rail socket with screw type terminals, 2 pole	6-1415034-1
<b>PT 78 730</b>	DIN-rail socket with screw type terminals, 3 pole	9-1415071-1
<b>PT 78 740</b>	DIN-rail socket with screw type terminals, 4 pole	4-1415033-1
<b>PT 78 741</b>	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
<b>PT 17 016</b>	Plastic retaining clip PT, relay height 29 mm	5-1415037-1
<b>PT 17 017</b>	Plastic retaining clip, relay height 34.6 mm	7-1415037-1
<b>PT 17 018</b>	Plastic retaining clip, relay height 35.2 mm	8-1415037-1
<b>PT 17 019</b>	Plastic retaining clip, relay height 36.6 mm	9-1415037-1
<b>PT 17 020</b>	Plastic retaining clip, relay height 37.6 mm	0-1415038-1
<b>PT 28 800</b>	Metal retaining clip PT, relay height 29 mm	5-1419111-9
<b>ZG 28 801</b>	Metal retaining clip, relay height 36 mm	1-1393162-5
<b>PT 17 040</b>	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
<b>PTM T0 0A0</b>	Protection diode (A1+, A2-)	9-1415036-1
<b>PTM T0 0L0</b>	Protection diode (A1-, A2+)	0-1415037-1
<b>PTM U0 524</b>	RC-network 6...60 Vac	1-1415037-1
<b>PTM U0 730</b>	RC-network 110...230 Vac	2-1415037-1
<b>PTM V0 524</b>	Varistor 24 Vac	3-1415037-1
<b>PTM V0 730</b>	Varistor 230 Vac	4-1415037-1

## LED

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



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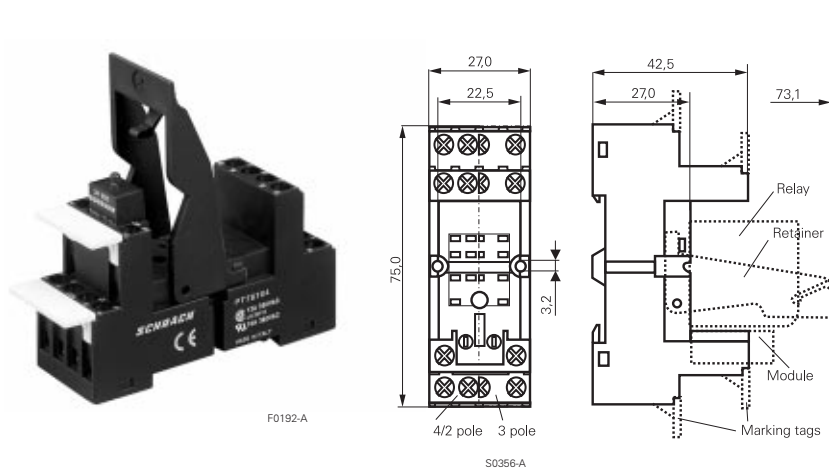
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# Accessories Miniature Relay PT

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 <sub>eff</sub>
Insulation category (VDE 0110b)	C / 250 Vac
Ambient temperature	-45...+70 °C <sup>1)</sup>
Protection category	IP 20
Protection against accidental contact meets	VBG 4
Wire cross section	2 x 2.5 mm <sup>2</sup>
with bootlace crimp	2 x 1.5 mm <sup>2</sup>
Terminal torque	0.5 Nm
max.	0.8 Nm
Packaging unit	10 pcs.

<sup>1)</sup> 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
<b>PT 78 702</b>	DIN-rail socket with screw type terminals, 2 pole	9-1419111-9
<b>PT 78 703</b>	DIN-rail socket with screw type terminals, 3 pole	0-1419112-1
<b>PT 78 704</b>	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
<b>PT 16 016</b>	Plastic retaining clip PT, relay height 29 mm	3-1419111-8
<b>PT 28 800</b>	Metal retaining clip PT, relay height 29 mm	5-1419111-9
<b>ZG 28 801</b>	Metal retaining clip, relay height 36 mm	1-1393162-5
<b>PT 16 040</b>	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
<b>RPM T0 0A0</b>	Protection diode 1N4007 <sup>1)</sup>	1-1393161-1
<b>RPM U0 548</b>	RC-network 24...48 Vac	1-1393161-3
<b>RPM U0 730</b>	RC-network 110...230 Vac	1-1393161-4

#### LED

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

<sup>1)</sup> Standard polarity: A1+, A2-



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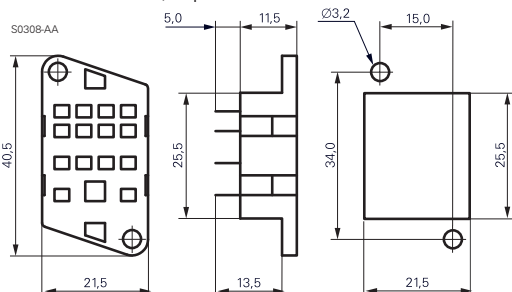
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Dimensions in mm  
View on solder pins

## PT 78 600 Socket with solder terminals, 4 pole



F0132-A



Chassis cut-out

### Technical data

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

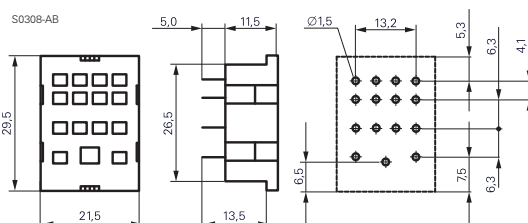
## PT 78 604 4 pole Socket with PCB terminals

### PT 78 603 3 pole

### PT 78 602 2 pole



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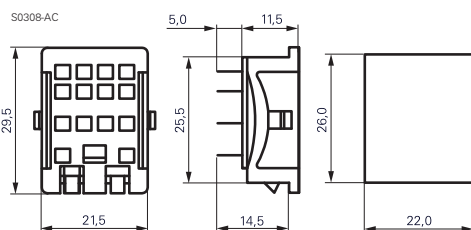
### Technical data

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

## PT 78 601 Socket with solder terminals, 4 pole



F0134-A



Chassis cut-out

### Technical data

Rated current	10 A
Rated voltage	250 Vac
Dielectric strength coil/cont.	>1500 V <sub>rms</sub>
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