

Electronics

Accessories Industrial Power Relay RT / RP / SR2M

- For Industrial Power Relay RT / RP / SR2M, pinnings 3.5mm / 5mm; relay heights 15.7 / 25.5mm
- Din-rail socket with logical setup of connections (input/output)
- New retainer clip with ejection function
- 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 marking tags
- RoHS compliant (Directive 2002/95/EC)



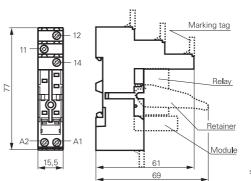
F0228-B

SCHRACK

Socket with screw-type terminals for DIN rail mounting

RT 78 724 Socket with screw-type terminals, pinning 3.5 mm for DIN rail mounting

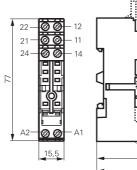


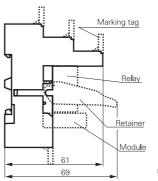


S0416-AA

RT 78 726 Socket with screw-type terminals, pinning 5 mm for DIN rail mounting







Approvals

REG.-Nr. 6106 in preparation, c Sus E135149

Technical data	RT 78 724 / RT 78 726	
Rated current	12 A *)	
Rated voltage / max.switching voltage AC	240/400 VAC	
Dielectric strength coil-contact circuit	4000 V _{rms}	
open contact circuit	1000 V _{rms}	
adjacent contact circuits	2500 V _{rms}	
Clearance / creepage coil-contact circuit	RT: ≥ 10 / 10 mm; RP, SR2M: ≥ 8 / 8 mm	

*) For 1 pole relays (16 A) the relay terminals 11-21, 12-22 and 14-24 have to be bridged.

For 1 pole relays (12 A) the relay terminals 11-12-14 have to be connected to the socket terminals 21-12-24

■ Not suitable for bistable relays with 2 coils!







Accessories Industrial Power Relay RT / RP / SR2M (Continued)

Technical data (Continued)	RT 78 724 / RT 78 726
Material group of insulation parts	≥ IIIa
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit	reinforced
open contact circuit	functional
adjacent contact circuits	functional
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230/400 V
Overvoltage category	III
RoHS - Directive 2002/95/EC	compliant
Degree of protection DIN 40050	IP20
Ambient temperature range	-20+85°C
Terminals	screw
Terminal screw torque acc. IEC 61984	0.5 Nm
max.	0.7 Nm
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	36 g
Packaging unit	10 pcs

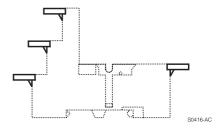
Socket with screw-type terminals for DIN rail mounting			
RT 78 724	Socket with screw-type terminals,		
	pinning 3.5 mm for DIN rail mounting	8-1415035-1	
RT 78 726	Socket with screw-type terminals,		
	pinning 5 mm for DIN rail mounting	6-1415035-1	

Accessories for RT 78 724, RT 78 726		
Туре		Part Number
RT 17 016	Plastic retaining clip, relay height 15.7 and 25.5 mm	1-1415038-1
RT 17 040	Marking tag	2-1415038-1

		n Modules for RT 78 724, RT 78 726	
		lle into the socket	
Wiring in paral	lel to the	e coil	
Type			Part Number
PTM TO 0A0	EM09	Protection diode (standard, A1+, A2-)	9-1415036-1
PTM TO OLO	EM01	Protection diode (A1-, A2+)	0-1415037-1
PTM U0 524	EM02	RC-network 660 VAC	1-1415037-1
PTM U0 730	EM03	RC-network 110230 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 624 VDC/VAC	6-1415036-1
PTM G0 524	EM11	green LED 624 VDC/VAC	3-1415036-1
PTM L0 024	EM18	red LED 624 VDC w. prot.diode (std, A1+, A2-)	5-1415036-1
PTM G0 024	EM12	green LED 624 VDC w. prot.diode (std, A1+, A2-)	2-1415036-1
PTM L1 024	EM08	red LED 624 VDC w. prot. diode (A1-, A2+)	8-1415036-1
PTM L0 110	EM19	red LED 48110 VDC w. prot. diode (A1+, A2-)	2-1415392-1
PTM L0 730	EM06	red LED 110230 VAC	7-1415036-1
PTM G0 730	EM10	green LED 110230 VAC	4-1415036-1



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



Marking tags

- White marking area 15.5 x 6 mm
- Snaps on socket in up to 4 positions





F0231-A F0232-A







Accessories Industrial Power Relay RT / RP / SR2M (Continued)

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Sockets for PCB RP 78 601/602

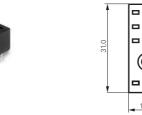
RP 78 601 Socket with PCB terminals, pinning 3.5 mm

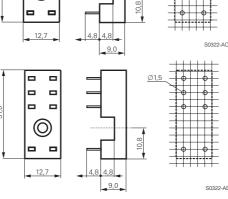


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RP 78 602 Socket with PCB terminals, pinning 5 mm





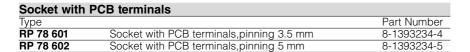


Approvals

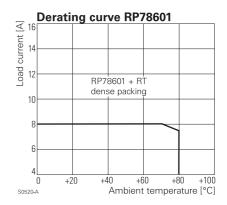
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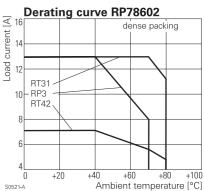
F0117-A

Technical data	RP 78 601 / RP 78 602
Rated current	12 A *)
Limiting continuous current	see derating curve
Rated voltage / max.switching voltage AC	240/400
Dielectric strength coil-contact circuit	4000 V _{rms}
open contact circuit	1000 V _{rms}
adjacent contact circuits	2500 V _{rms}
Clearance / creepage coil-contact circuit	RT: ≥ 10 / 10 mm, RP, SR2M: ≥ 8 / 8 mm
Material group of insulation parts	≥ IIIa
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit	reinforced
open contact circuit	functional
adjacent contact circ	cuits functional
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230/400 V
Overvoltage category	III
RoHS - Directive 2002/95/EC	compliant
Degree of protection DIN 40050	IP20
Ambient temperature range	-40+80°C
Terminals	pcb
Insertion cycles	A (10)
Max. Insertion Force total	100 N
Mounting distance	0, dense packing
Resistance to soldering heat	270°C / 10 s
Weight	3 g
Packaging unit	100 pcs



Accessories for RP 78 601, RP 78 602		
Туре		Part Number
RT 16 041	Plastic retaining clip RT, relay height 15.7 mm	3-1393161-4
RP 16 100	Plastic retaining clip RP, relay height 25.5 mm	1-1393161-7
RT 28 516	Metal retaining clip RT, relay height 15.7 mm	0-1419108-7
RP 28 500	Metal retaining clip RP, relay height 25.5 mm	1-1393161-9





*) For 1 pole relays (16 A) the relay terminals 11-21, 12-22 and 14-24 have to be bridged on the PCB.