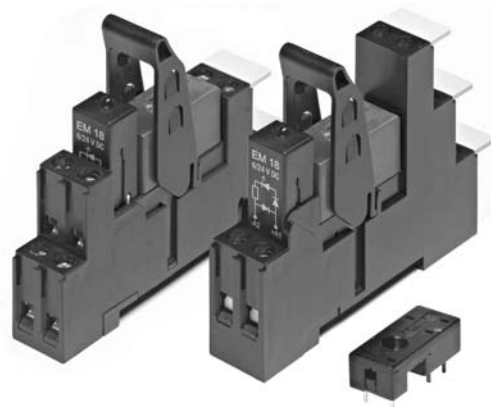


Accessories Industrial Power Relay RT

- For Industrial Power Relay RT
pinnings 3.5mm / 5mm; relay height 15.7 mm
- 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)

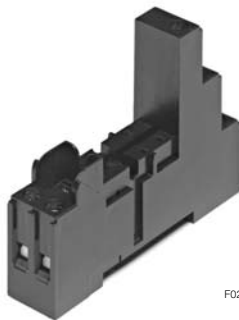


F0228-C

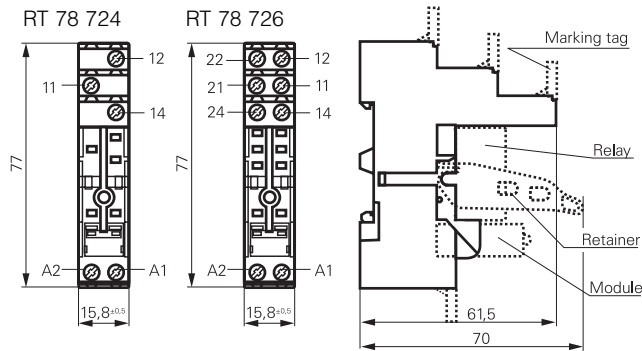
Socket with screw-type terminals for DIN rail mounting

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

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



F0261-B



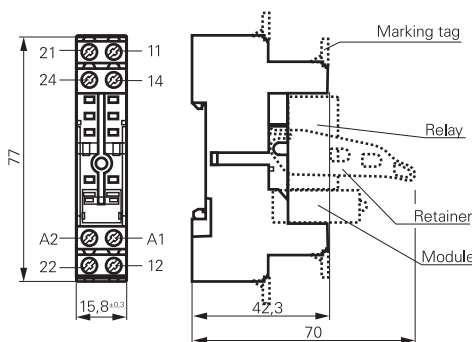
S0416-BA

S0416-BB

RT 78 725 Socket with screw-type terminals, pinning 5 mm for DIN rail mounting, conventional terminal arrangement



F0284-A



S0540-AT

Accessories Industrial Power Relay RT (Continued)

Approvals

VDE REG.-Nr. 6106 in preparation, **CE** **UL** **US** E135149

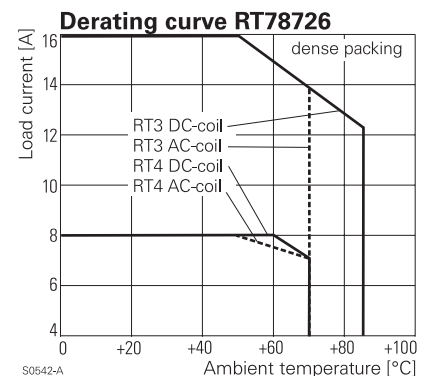
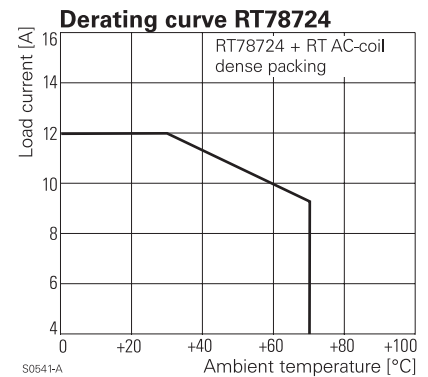
Technical data	RT 78 724 / RT 78 726	RT 78 725
Rated current	12 A, 2 x 8 A, 16 A*)	
Rated voltage / max.switching voltage AC	240/400 VAC	
Dielectric strength coil-contact circuit	5000 Vrms	4000 Vrms
open contact circuit	1000 Vrms	1000 Vrms
adjacent contact circuits	2500 Vrms	2500 Vrms
Clearance / creepage coil-contact circuit	≥ 10 / 10 mm	≥ 4.7 / 4.7 mm
Material group of insulation parts	≥ IIIa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	reinforced	basic
open contact circuit	functional	functional
adjacent contact circuits	functional	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	0.7 Nm
max.		
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

Type	Part Number
RT 78 724 Socket with screw-type terminals, pinning 3.5 mm for DIN rail mounting, logical terminal arrangement	8-1415035-1
RT 78 726 Socket with screw-type terminals, pinning 5 mm for DIN rail mounting, logical terminal arrangement	6-1415035-1
RT 78 725 Socket with screw-type terminals, pinning 5 mm for DIN rail mounting, conventional terminal arrangement	1860306-1

*) 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 for RT 78 724, RT 78 725, RT 78 726

Type		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

LED- and Protection Modules for RT 78 724, RT 78 725, RT 78 726

Easy insertion of module into the socket

Wiring in parallel to the coil

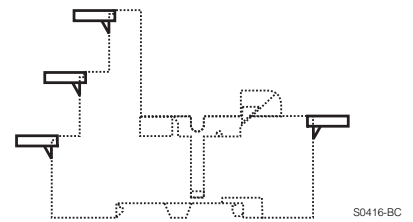
Type		Part Number
PTM TO 0A0	EM09 Protection diode (standard, A1+, A2-)	9-1415036-1
PTM TO 0L0	EM01 Protection diode (A1-, A2+)	1415037-1
PTM U0 524	EM02 RC-network 6...60 VAC	1-1415037-1
PTM U0 730	EM03 RC-network 110...230 VAC	2-1415037-1
PTM V0 524	EM04 Varistor 24 VAC	3-1415037-1
PTM V0 615	EM13 Varistor 115 VAC	6-1415365-1
PTM V0 730	EM05 Varistor 230 VAC	4-1415037-1
PTM R0 730	EM29 Bleeder Resistor 110...230 VAC	1-1415539-2

LED

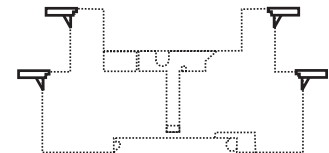
PTM LO 024	EM18 red LED 6...24 VDC w. prot.diode (std, A1+, A2-)	5-1415036-1
PTM GO 024	EM12 green LED 6...24 VDC w. prot.diode (std, A1+, A2-)	2-1415036-1
PTM L1 024	EM08 red LED 6...24 VDC w. prot. diode (A1-, A2+)	8-1415036-1
PTM LO 060	EM16 red LED 24...60 VDC w. prot.diode (std, A1+, A2-)	1-1415539-3
PTM GO 060	EM25 green LED 24...60 VDC w. prot.diode (std, A1+, A2-)	1-1415539-5
PTM LO 110	EM19 red LED 48...110 VDC w. prot. diode (A1+, A2-)	2-1415392-1
PTM GO 110	EM26 green LED 48...110 VDC w. prot diode (A1+, A2-)	1-1415539-7
PTM LO 220	EM27 red LED 110...220 VDC w. prot. diode (A1+, A2-)	1-1415539-4
PTM GO 220	EM28 green LED 110...220 VDC w. prot diode (A1+, A2-)	1-1415539-6
PTM LO 524	EM07 red LED 6...24 VDC/VAC	6-1415036-1
PTM GO 524	EM11 green LED 6...24 VDC/VAC	3-1415036-1
PTM LO 730	EM06 red LED 110...230 VAC	7-1415036-1
PTM GO 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 RT



S0416-BC



S0540-AC

Marking tags

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



F0231-A



F0232-A

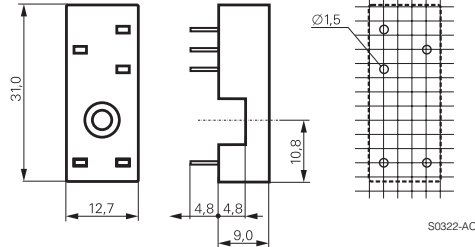
Accessories Industrial Power Relay RT (Continued)

Sockets for PCB RP 78 601/602

RP 78 601 Socket with PCB terminals, pinning 3.5 mm



F0116-A

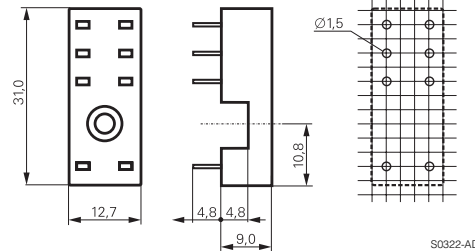


S0322-AC

RP 78 602 Socket with PCB terminals, pinning 5 mm



F0117-A



S0322-AD

Approvals

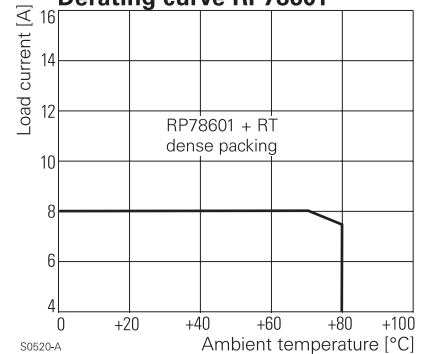


Technical data

RP 78 601 / RP 78 602

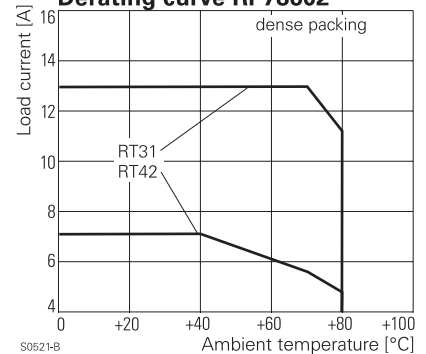
Rated current	12 A *)
Limiting continuous current	see derating curve
Rated voltage / max. switching voltage AC	240/400
Dielectric strength coil-contact circuit	4000 V _{rms}
open contact circuit	1000 V _{rms}
adjacent contact circuits	2500 V _{rms}
Clearance / creepage coil-contact circuit	≥ 10 / 10 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 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	-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

Derating curve RP78601



S0520-A

Derating curve RP78602



S0521-B

Socket with PCB terminals

Type	Part Number
RP 78 601 Socket with PCB terminals, pinning 3.5 mm	8-1393234-4
RP 78 602 Socket with PCB terminals, pinning 5 mm	8-1393234-5

Accessories for RP 78 601, RP 78 602

Type	Part Number
RT 16 041 Plastic retaining clip RT, relay height 15.7 mm	3-1393161-4
RT 28 516 Metal retaining clip RT, relay height 15.7 mm	1419108-7

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