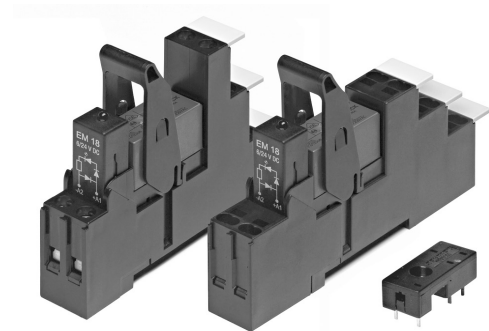


Accessories Industrial Power Relay RT

- For Industrial Power Relay RT
pinnings 3.5 mm / 5 mm; relay height 15.7 mm
- New retainer clip with ejection function
- Easy replacement of relays on a densely packed DIN rail
- No reduction of protection class or creepage/clearance with plastic retainer
- Simple plug-in indicator- and protection modules
- White snap-on marking tags

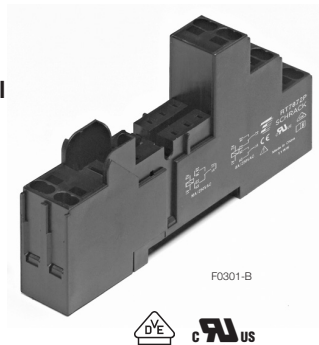


F0228-G

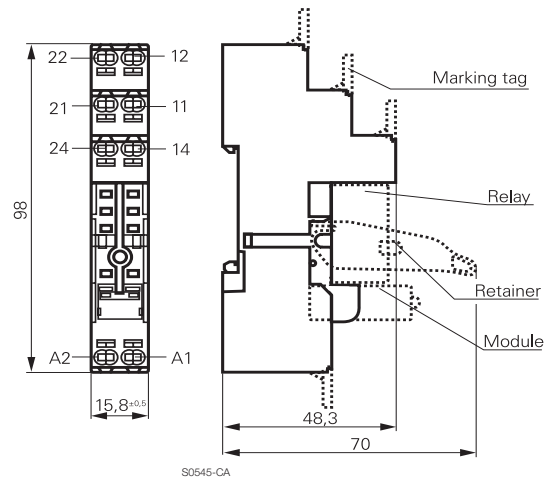
Premium socket with screwless terminals for DIN rail mounting

RT 78 72P Premium socket, logical terminal arrangement

- Screwless Clamps
- Mounting of solid wires without tool
- Double Clamps per terminal
- Jumper links for interconnection
- Open coil circuit for active modules
- Logical terminal arrangement



F0301-B



S0545-CA

Approvals

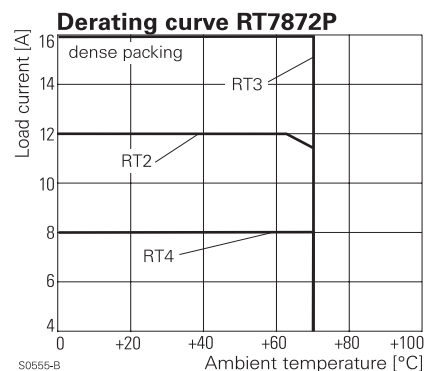
VDE Cert. No. 40007571, cULus E135149

Technical data

Rated voltage/Max. switching voltage AC	240/400 VAC
Rated current	2 x 8 A, 16 A*)
Dielectric strength	coil-contact circuit 5000 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
Flammability class UL 94	V-0
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
Overtoltage category	III

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

- Not suitable for bistable relays with 2 coils!



S0555-B

Accessories Industrial Power Relay RT (Continued)

Technical data (continued)

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter

Ambient temperature range	
for mounting/handling	-20...+70°C
in operation	-40...+70°C
Terminals	screwless
Wire strip length	12 mm
Wire cross section	
solid wire	1x0.75/1/1.5mm ² 2x0.75/1mm ²
with stand. isolation (no oversize isolation)	2x1.5mm ²
stranded wire	
without bootlace crimp	1x0.75/1/1.5mm ² 2x0.75/1mm ²
without bootlace crimp with stand. isolation	2x1.5mm ²
with bootlace crimp	1x0.75/1mm ² 2x0.75mm ²
with bootlace crimp without isolation	1x1.5mm ²
or min 18 mm long	

For stranded wires with braids 0.05 mm or smaller the use of bootlace crimps is recommended. When using stranded wires without bootlace crimp, the clamp must be opened during insertion.

Insertion cycles	A (10)
Max. Insertion Force total	100 N
Mounting distance	≥ 0, dense packing
Weight	36 g
Packaging unit	10 pcs

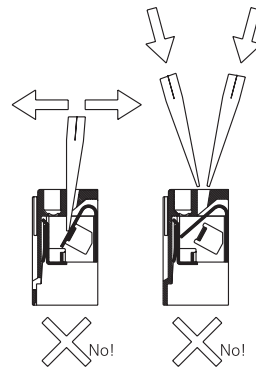
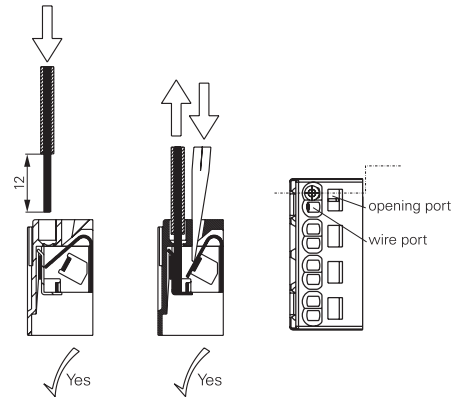
Socket with screwless terminals for DIN rail mounting

Type	Part Number
RT 78 72P Premium socket, logical terminal arrangement Socket with screwless terminals, pinning 5 mm for DIN rail mounting	1860200-1

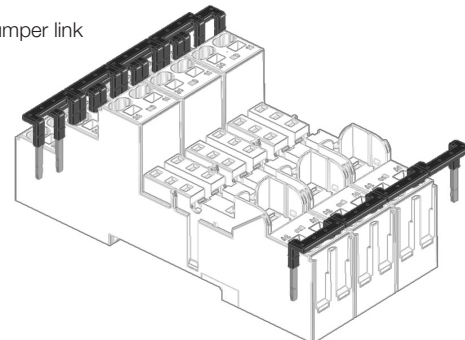
Accessories for RT 78 72P

Type	Part Number
RT 17 017 Plastic retaining clip, relay height 15.7 mm	2022103-1
RT 17 040 Marking tag	2-1415038-1
RT 17 0P1 Jumper link, max load 12 A	1860211-1

How to use, Precautions



Jumper link



F0296-A

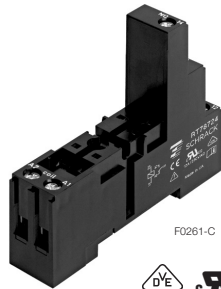
Accessories Industrial Power Relay RT (Continued)

Socket with screw-type terminals for DIN rail mounting

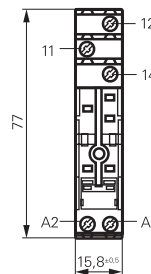
RT 78 724 Socket with screw-type terminals, pinning 3.5 mm for DIN rail mounting

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

- DIN-rail socket with logical setup of connections (input/output)
- High quality rising clamp terminals
- Captive combination terminal screws
- Jumper bars for interconnection

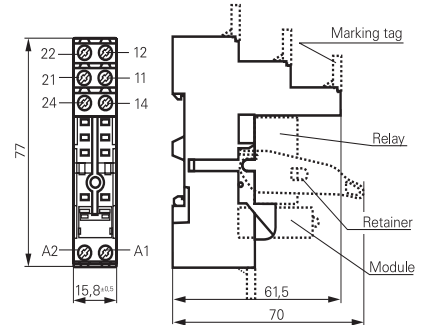


RT 78 724



S0416-CA

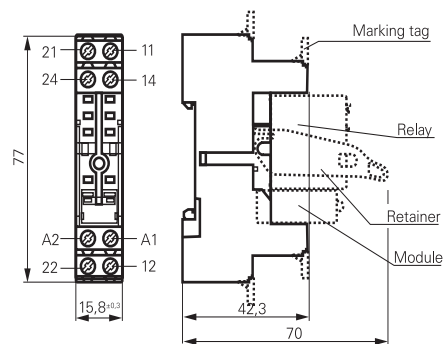
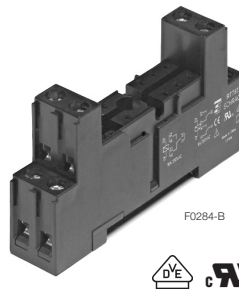
RT 78 726



S0416-CB

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

- Conventional terminal arrangement



S0540-BT

Approvals

VDE Cert. No. 40007571, cULus E135149

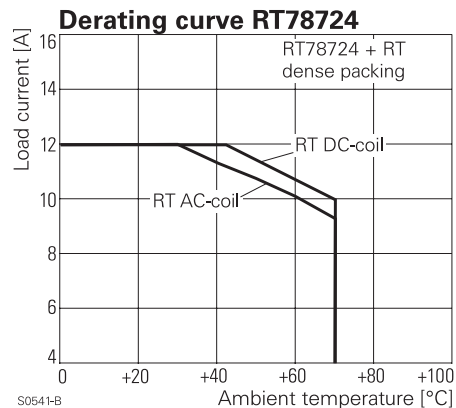
Technical data RT78724/RT78726 RT78725

Rated voltage/Max. switching voltage AC	240/400 VAC	
Rated current	12 A, 2 x 8 A, 16 A*)	
Dielectric strength	coil-contact circuit	5000 V _{rms} / 4000 V _{rms}
	open contact circuit	1000 V _{rms} / 1000 V _{rms}
	adjacent contact circuits	2500 V _{rms} / 2500 V _{rms}
Clearance / creepage	coil-contact circuit	≥ 10/10 mm / ≥ 4.7/4.7 mm
	Material group of insulation parts	IIIa
Flammability class UL 94	V-0	
Insulation to IEC 60664-1	Type of insulation	coil-contact circuit reinforced / basic
	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	

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter

*) 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 21-12-14.

- Not suitable for bistable relays with 2 coils!



Accessories Industrial Power Relay RT (Continued)

Technical data (continued) RT78724/RT78726 RT78725

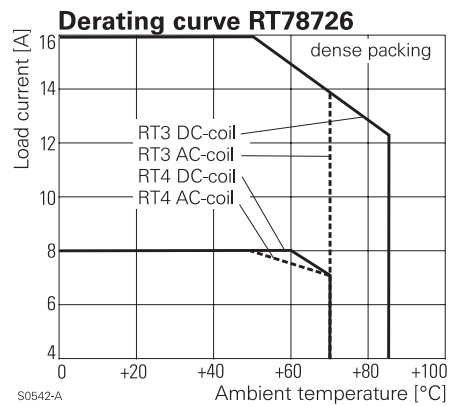
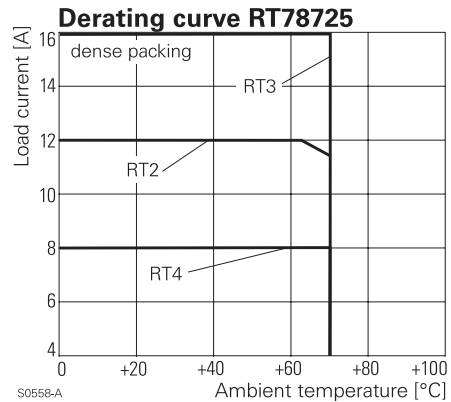
Ambient temperature range for mounting/handling	-20...+70°C
in operation	-40...+70°C
Terminals	screw
Terminals screw torque acc. IEC 61984	0.5 Nm
max.	0.7 Nm
Terminal Screw size	M3
Wire strip length	8 mm
Wire cross section	
single wire	2 x 2.5 mm ²
fine wire	2 x 2.5 mm ²
with bootlace crimp (DIN 46228/1)	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

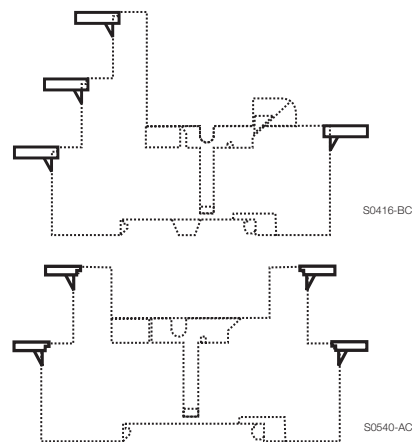
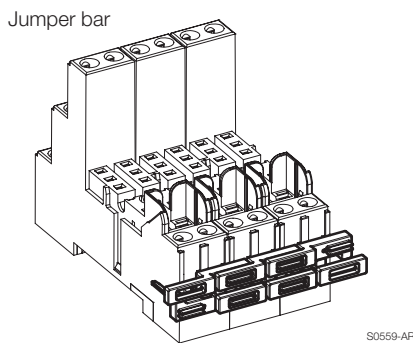
Accessories for RT 78 724, RT 78 725, RT 78 726

Type		Part Number
RT 17 017	Plastic retaining clip, relay height 15.7 mm	2022103-1
RT 28 816	Metal retaining clip, relay height 15.7 mm	1415540-8
RT 17 040	Marking tag	2-1415038-1
RT 17 0R8	Jumper bar, max load 12 A for connection of up to 8 RT sockets	1860517-8



Marking tags

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

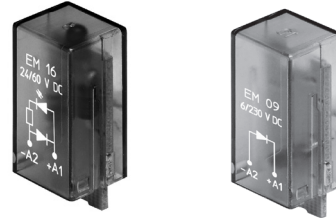


Accessories Industrial Power Relay RT (Continued)

LED- and Protection Modules for RT 78 72P, 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 UO 524 EM02 RC-network 6...60 VAC	1-1415037-1
PTM UO 730 EM03 RC-network 110...230 VAC	2-1415037-1
PTM VO 524 EM04 Varistor 24 VAC	3-1415037-1
PTM VO 615 EM13 Varistor 115 VAC	6-1415365-1
PTM VO 730 EM05 Varistor 230 VAC	4-1415037-1
PTM DO 730 EM31 Residual current bypass RC 110...230 VAC	1415037-2
PTM RO 730 EM29 Residual current bypass 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-)	5-1415539-3
PTM GO 060 EM25 green LED 24...60 VDC w. prot. diode (std, A1+, A2-)	7-1415539-7
PTM LO 110 EM19 red LED 60...110 VDC w. prot. diode (A1+, A2-)	2-1415392-1
PTM GO 110 EM26 green LED 60...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 560 EM14 red LED 24...60 VDC/VAC	1-1415539-3
PTM GO 560 EM30 green LED 24...60 VDC/VAC	1-1415539-5
PTM LO 730 EM06 red LED 110...230 VAC	7-1415036-1
PTM GO 730 EM10 green LED 110...230 VAC	4-1415036-1

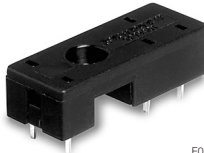
Relay Packages

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

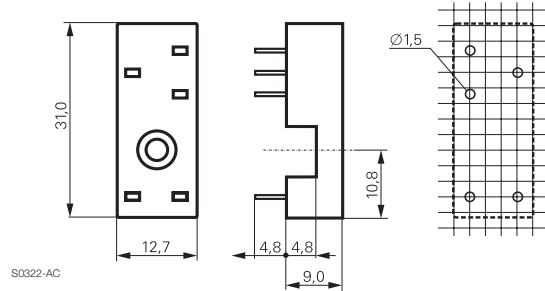
Accessories Industrial Power Relay RT (Continued)

Sockets for PCB mount

RP 78 601, Socket with PCB terminals, pinning 3.5 mm

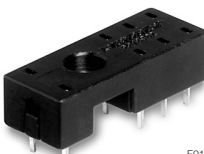


F0116-A

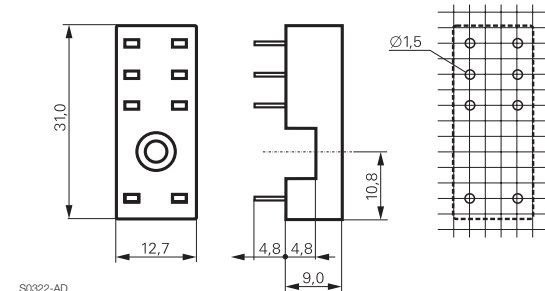


S0322-AC

RP 78 602, Socket with PCB terminals, pinning 5 mm



F0117-A



S0322-AD

Approvals

cULus E135149

Technical data RP 78 601/RP 78 602

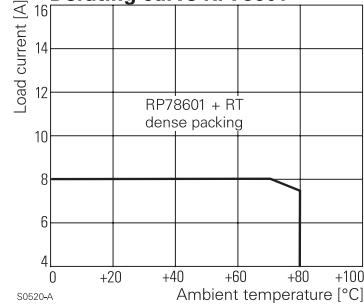
Rated voltage/max. switching voltage AC	240/400 VAC
Rated current	12 A*)
Limiting continuous current	see derating curve
Dielectric strength	
coil-contact circuit	4000 V _{rms}
open contact circuit	1000 V _{rms}
adjacent contact circuits	2500 V _{rms}
Clearance / creepage	
coil-contact circuit	≥ 10/10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

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter

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

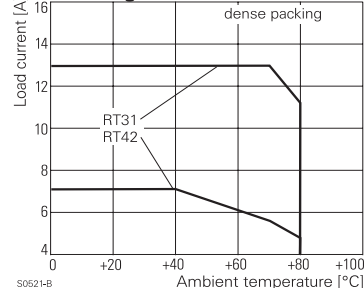
*) For 1 pole relays (16 A) the relay terminals 11-21, 12-22 and 14-24 have to be bridged on the PCB.

Derating curve RP78601



S0520-A

Derating curve RP78602



S0521-B

Sockets 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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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