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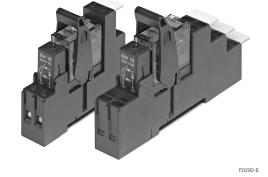






Accessories Interface Plug-in Relay XT

- For Interface Plug-in Relay XT, pinning 5 mm
- **■** 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



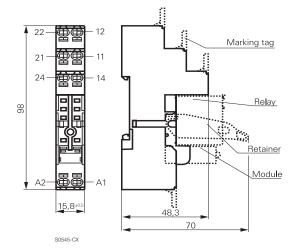
Premium socket with screwless terminals for DIN rail mounting

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





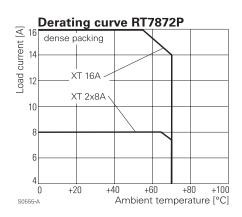


Approvals

VDE Cert. No. 40017832, 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	≥ 8/8 mm
Material group of insulation parts	Illa
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
*) For 1 pole relays (16 A) the relay terminals 11-21 12-	22 and 14-24 have to be bridged

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



2x0.75mm²

1x1.5mm²



Accessories Interface Plug-in Relay XT (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 1x0.75/1/1.5mm² 2x0.75/1mm² with stand. isolation (no oversize isolation) 2x1.5mm²

stranded wire

without bootlace crimp

without bootlace crimp

without bootlace crimp with stand. isolation

with bootlace crimp

with bootlace crimp

1x0.75/1/1.5mm²

2x0.75/1/1mm²

1x0.75/1mm²

with bootlace crimp without isolation

or min 18 mm long

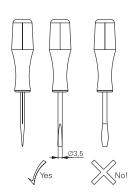
For stranded wires with braids 0.05 mm or smaller the use of bootlace crimps is recommended. When using stranded wires without bootlace crimp, the clamp must be opened during insertion.

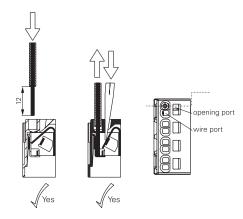
Insertion cycles	A (10)
Max. Insertion Force total	100 N
Mounting distance	≥ 0, dense packing
Weight	36 g
Packaging unit	10 pcs

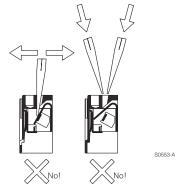
Socket with screwless terminals for DIN rail mounting Type Part Number RT 78 72P Premium socket, 1860200-1 logical terminal arrangement Socket with screwless terminals pinning 5 mm for DIN rail mounting

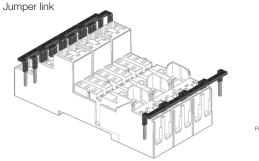
Accessories for RT 78 72P			
Type		Part Number	
XT 17 017	Plastic retaining clip,	2022104-1	
	relay height 25.5 mm		
RT 17 040	Marking tag	2-1415038-1	
RT 17 0P1	Jumper link, max load 12 A	1860211-1	

How to use, Precautions











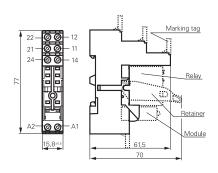
Accessories Interface Plug-in Relay XT (Continued)

Socket with screw type terminals for DIN rail mounting

RT 78 726 Socket with screw-type terminals, 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





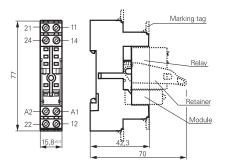
S0416-CX

RT 78 725 Socket with screw-type terminals, conventional terminal arrangement

■ Conventional terminal arrangement







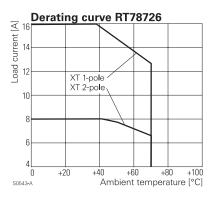
30540-BX

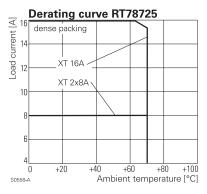
Approvals

VDE Cert. No. 40017832, cULus E135149 in process

Technical data	RT 78 726	RT 78 725	
Rated voltage/Max. switching voltage AC	240 / 400VAC		
Rated current	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	≥ 8/8 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		
adjacent contact circ	uits funct	ional	
Rated insulation voltage	250 \	/	
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/rohssupportcente			
Ambient temperature range			
for mounting/handling	-20	.+70°C	
in operation	-40+70°C		
T : 1			

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





Terminals screw torque acc. IEC 61984

max.

Terminals

screw

0.5 Nm 0.7 Nm



Accessories Interface Plug-in Relay XT (Continued)

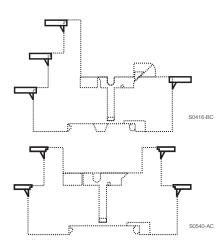
Technical data (continued)	RT 78 726	RT 78 725
Wire cross section		
single wire	2 x 2.5 mm ²	
fine wire	2 x 2.5 mm ²	
with bootlace crimp (DIN 46228/1)	2 x 1.5 mm ²	
Insertion cycles	A (10)	
Max. Insertion Force total	120 N	
Mounting distance	≥ 0, dense packing	
Weight	36 g	
Packaging unit	10 pcs	

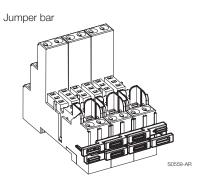
Socket wit	th screw type terminals for DIN	rail mounting
Type		Part Number
RT 78 726	Socket with screw type terminals, pinning 5 mm for DIN rail mounting, logical terminal arrangement	6-1415035-1
RT 78 725	Socket with screw type terminals, pinning 5 mm for DIN rail mounting, conventional terminal arrangement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

Accessories for RT 78 725, RT 78 726			
Туре		Part Number	
XT 17 017	Plastic retaining clip,	2022104-1	
	relay height 25.5 mm		
RT 17 040	Marking tag	2-1415038-1	
RT 17 0R8	Jumper bar, max load 12A	1860517-8	
	for connection of up to 8 RT sockets		
XT 28 816	Metal retaining clip,	1887204-1	
	relay height 25.5 mm		

Marking tags

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





Easy insertion of module into the socket Wiring in parallel to the coil Type PTM T0 0A0 EM09 Protection diode (standard, A1+,A2-) PTM T0 0L0 EM01 Protection diode (A1-, A2+) 1415037- PTM U0 524 EM02 RC-network 660 VAC 1-141503 PTM U0 730 EM03 RC-network 110230 VAC 2-141503 PTM V0 524 EM04 Varistor 24 VAC 3-141503 PTM V0 524 EM05 Varistor 115 VAC 6-141503 PTM V0 730 EM05 Varistor 115 VAC 6-141503 PTM V0 730 EM05 Varistor 230 VAC 4-141503 PTM V0 730 EM31 Residual current bypass 1415037- RC 110230 VAC PTM R0 730 EM29 Residual current bypass resistor 110230 VAC PTM G0 024 EM12 green LED 624 VDC w. prot. diode (std, A1+, A2-) PTM L1 024 EM08 red LED 624 VDC w. prot. diode (std, A1+, A2-) PTM L0 060 EM16 red LED 2460 VDC w. prot. diode (std, A1+, A2-) PTM G0 060 EM25 green LED 60110 VDC w. prot. diode (std, A1+, A2-) PTM G0 110 EM26 green LED 60110 VDC w. prot. diode (std, A1+, A2-) PTM L0 110 EM19 red LED 60110 VDC w. prot. diode (A1+, A2-) PTM G0 110 EM26 green LED 60110 VDC w. prot. diode (A1+, A2-) PTM G0 220 EM27 red LED 110220 VDC w. 1-141553 PTM G0 524 EM07 red LED 624 VDC/VAC 6-141503 PTM L0 524 EM07 red LED 624 VDC/VAC 3-141503 PTM L0 524 EM07 red LED 624 VDC/VAC 3-141503 PTM L0 524 EM07 red LED 624 VDC/VAC 3-141503 PTM L0 524 EM07 red LED 624 VDC/VAC 3-141503 PTM L0 524 EM07 red LED 624 VDC/VAC 3-141503 PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM L0 560 EM30 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM30 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM30 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM30 green LED 624 VDC/VAC 1-141553			n Modules for 5, RT 78 726		
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PTM L1 024 EM08 red LED 624 VDC w. prot. diode (A1-, A2+) PTM L0 060 EM16 red LED 2460 VDC w. prot. diode (A1-, A2+) PTM G0 060 EM25 green LED 2460 VDC w. prot. diode (std, A1+, A2-) PTM L0 110 EM19 red LED 60110 VDC w. prot. diode (A1+, A2-) PTM G0 110 EM26 green LED 60110 VDC w. prot. diode (A1+, A2-) PTM L0 220 EM27 red LED 110220 VDC w. prot. diode (A1+, A2-) PTM G0 220 EM28 green LED 110220 VDC w. prot. diode (A1+, A2-) PTM G0 524 EM07 red LED 624 VDC/VAC 6-141503 PTM G0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503	PTM G0 024	FM12		2-1415036-1	
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PTM L0 110 EM19 red LED 60110 VDC w. prot. diode (A1+, A2-) PTM G0 110 EM26 green LED 60110 VDC w. prot. diode (A1+, A2-) PTM L0 220 EM27 red LED 110220 VDC w. prot. diode (A1+, A2-) PTM G0 220 EM28 green LED 110220 VDC w. 1-141553 prot. diode (A1+, A2-) PTM L0 524 EM07 red LED 624 VDC/VAC 6-141503 prot. diode (A1+, A2-) PTM L0 524 EM11 green LED 624 VDC/VAC 3-141503 prot. diode (A1+, A2-) PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 prot. diode (A1+, A2-) PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 prot. diode (A1+, A2-) PTM L0 730 EM06 red LED 110230 VAC 7-141503			prot. diode (std, A1+, A2-)		
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prot. diode (A1+, A2-) PTM G0 110 EM26 green LED 60110 VDC w. prot. diode (A1+, A2-) 1-141553 PTM L0 220 EM27 red LED 110220 VDC w. prot. diode (A1+, A2-) 1-141553 PTM G0 220 EM28 green LED 110220 VDC w. prot. diode (A1+, A2-) 1-141553 PTM L0 524 EM07 red LED 624 VDC/VAC 6-141503 PTM G0 524 EM11 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503			prot. diode (std, A1+, A2-)		
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PTM L0 220 EM27 red LED 110220 VDC w. prot. diode (A1+, A2-) PTM G0 220 EM28 green LED 110220 VDC w. prot. diode (A1+, A2-) PTM L0 524 EM07 red LED 624 VDC/VAC 6-141503 PTM G0 524 EM11 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503			prot. diode (A1+, A2-)		
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prot. diode (A1+, A2-) PTM L0 524 EM07 red LED 624 VDC/VAC 6-141503 PTM G0 524 EM11 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503			prot. diode (A1+, A2-)		
PTM L0 524 EM07 red LED 624 VDC/VAC 6-141503 PTM G0 524 EM11 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503	PTM G0 220	EM28		1-1415539-6	
PTM G0 524 EM11 green LED 624 VDC/VAC 3-141503 PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503					
PTM L0 560 EM14 red LED 2460 VDC/VAC 1-141553 PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503				6-1415036-1	
PTM G0 560 EM30 green LED 2460 VDC/VAC 1-141553 PTM L0 730 EM06 red LED 110230 VAC 7-141503				3-1415036-1	
PTM L0 730 EM06 red LED 110230 VAC 7-141503				1-1415539-3	
				1-1415539-5	
				7-1415036-1	
PTM G0 730 EM10 green LED 110230 VAC 4-141503	PTM G0 730	EM10	green LED 110230 VAC	4-1415036-1	

Relay Packages

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



