



## DIN-Rail 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](http://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 <sup>2</sup> 2x0.75/1mm <sup>2</sup> 2x1.5mm <sup>2</sup>
with stand. isolation (no oversize isolation)	2x1.5mm <sup>2</sup>
stranded wire	
without bootlace crimp	1x0.75/1/1.5mm <sup>2</sup> 2x0.75/1mm <sup>2</sup> 2x1.5mm <sup>2</sup>
without bootlace crimp with stand. isolation	2x1.5mm <sup>2</sup>
with bootlace crimp	1x0.75/1mm <sup>2</sup> 2x0.75mm <sup>2</sup> 1x1.5mm <sup>2</sup>
with bootlace crimp without isolation	1x1.5mm <sup>2</sup>
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

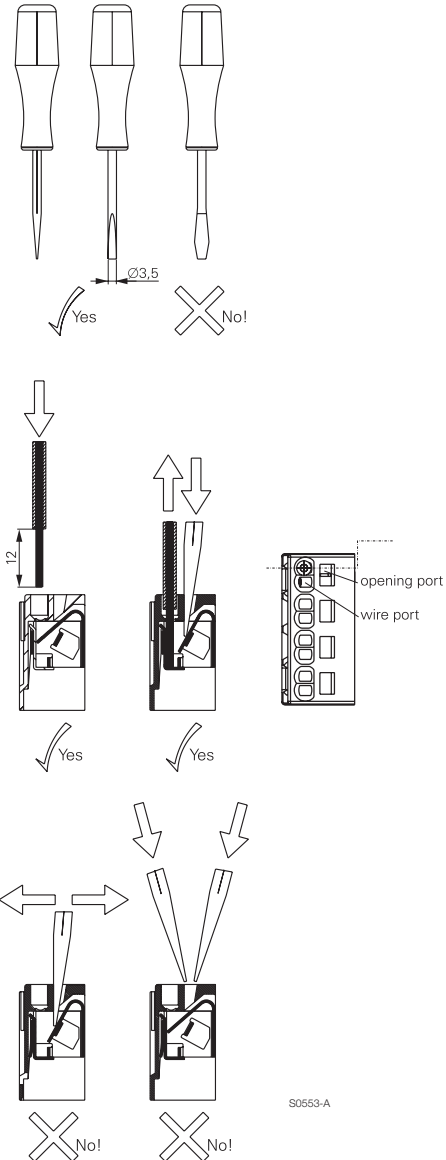
### Socket with screwless terminals for DIN rail mounting

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

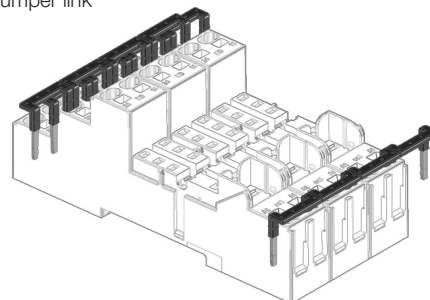
### Accessories for RT 78 72P

Type	Part Number
<b>XT 17 017</b> Plastic retaining clip, relay height 25.5 mm	2022104-1
<b>RT 17 040</b> Marking tag	2-1415038-1
<b>RT 17 0P1</b> Jumper link, max load 12 A	1860211-1

### How to use, Precautions



Jumper link



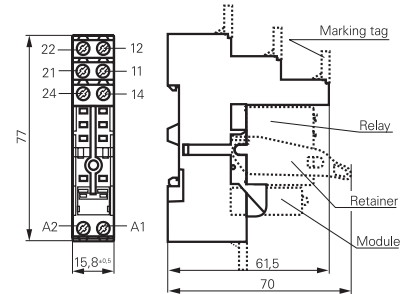
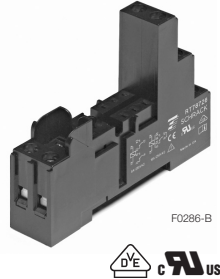
F0296-A

## DIN-Rail 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

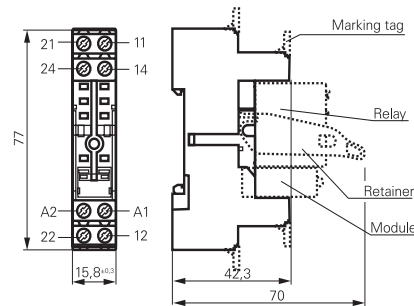
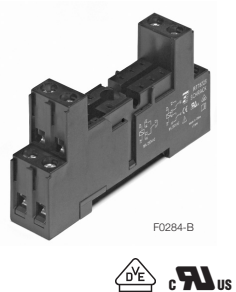
- DIN-rail socket with logical setup of connections (input/output)
- High quality rising clamp terminals
- Captive combination terminal screws
- Jumper bars for interconnection



S0416-CX

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

- Conventional terminal arrangement



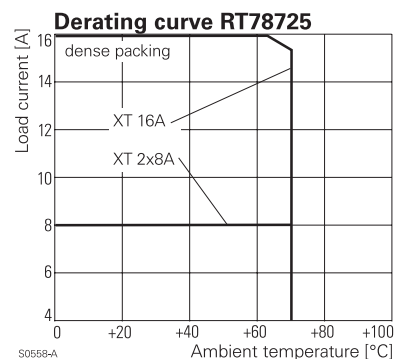
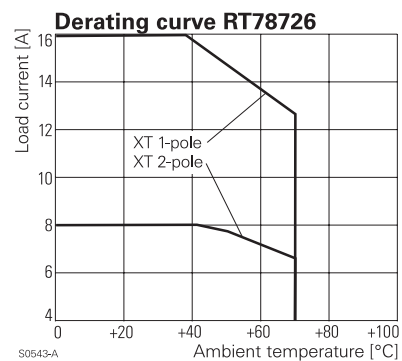
S0540-BX

### 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 8A, 16 A*)	
Dielectric strength		
coil contact circuit	5000 V <sub>rms</sub>	4000 V <sub>rms</sub>
open contact circuit	1000 V <sub>rms</sub>	1000 V <sub>rms</sub>
adjacent contact circuits	2500 V <sub>rms</sub>	2500 V <sub>rms</sub>
Clearance / creepage		
coil contact circuit	≥ 8/8 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 <a href="http://www.te.com/customersupport/rohssupportcenter">www.te.com/customersupport/rohssupportcenter</a>		
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	

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



## DIN-Rail 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 <sup>2</sup>	
fine wire	2 x 2.5 mm <sup>2</sup>	
with bootlace crimp (DIN 46228/1)	2 x 1.5 mm <sup>2</sup>	
Insertion cycles	A (10)	
Max. Insertion Force total	120 N	
Mounting distance	≥ 0, dense packing	
Weight	36 g	
Packaging unit	10 pcs	

### Socket with screw type terminals for DIN rail mounting

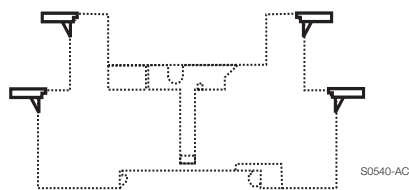
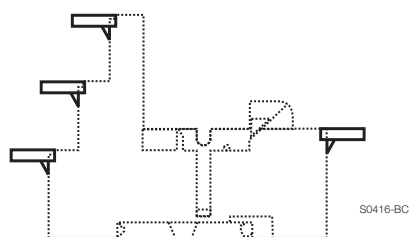
Type	Part Number
<b>RT 78 726</b> Socket with screw type terminals, pinning 5 mm for DIN rail mounting, logical terminal arrangement	6-1415035-1
<b>RT 78 725</b> Socket with screw type terminals, pinning 5 mm for DIN rail mounting, conventional terminal arrangement	1860306-1

### Accessories for RT 78 725, RT 78 726

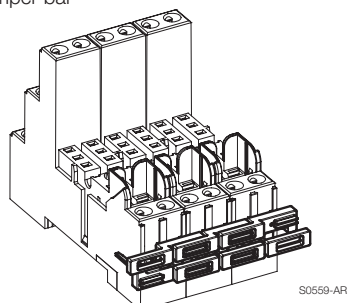
Type	Part Number
<b>XT 17 017</b> Plastic retaining clip, relay height 25.5 mm	2022104-1
<b>RT 17 040</b> Marking tag	2-1415038-1
<b>RT 17 0R8</b> Jumper bar, max load 12A for connection of up to 8 RT sockets	1860517-8
<b>XT 28 816</b> Metal retaining clip, relay height 25.5 mm	1887204-1

### Marking tags

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



Jumper bar



### LED- and Protection Modules for RT 78 72P, RT 78 725, RT 78 726

Easy insertion of module into the socket  
Wiring in parallel to the coil

Type	Part Number
<b>PTM T0 0A0</b> EM09 Protection diode (standard, A1+, A2-)	9-1415036-1
<b>PTM T0 0L0</b> EM01 Protection diode (A1-, A2+)	1415037-1
<b>PTM U0 524</b> EM02 RC-network 6...60 VAC	1-1415037-1
<b>PTM U0 730</b> EM03 RC-network 110...230 VAC	2-1415037-1
<b>PTM V0 524</b> EM04 Varistor 24 VAC	3-1415037-1
<b>PTM V0 615</b> EM13 Varistor 115 VAC	6-1415365-1
<b>PTM V0 730</b> EM05 Varistor 230 VAC	4-1415037-1
<b>PTM D0 730</b> EM31 Residual current bypass RC 110...230 VAC	1415037-2
<b>PTM R0 730</b> EM29 Residual current bypass resistor 110...230 VAC	1-1415539-2

### LED

<b>PTM L0 024</b> EM18 red LED 6...24 VDC w. prot. diode (std, A1+, A2-)	5-1415036-1
<b>PTM G0 024</b> EM12 green LED 6...24 VDC w. prot. diode (std, A1+, A2-)	2-1415036-1
<b>PTM L1 024</b> EM08 red LED 6...24 VDC w. prot. diode (A1-, A2+)	8-1415036-1
<b>PTM L0 060</b> EM16 red LED 24...60 VDC w. prot. diode (std, A1+, A2-)	5-1415539-3
<b>PTM G0 060</b> EM25 green LED 24...60 VDC w. prot. diode (std, A1+, A2-)	7-1415539-7
<b>PTM L0 110</b> EM19 red LED 60...110 VDC w. prot. diode (A1+, A2-)	2-1415392-1
<b>PTM G0 110</b> EM26 green LED 60...110 VDC w. prot. diode (A1+, A2-)	1-1415539-7
<b>PTM L0 220</b> EM27 red LED 110...220 VDC w. prot. diode (A1+, A2-)	1-1415539-4
<b>PTM G0 220</b> EM28 green LED 110...220 VDC w. prot. diode (A1+, A2-)	1-1415539-6
<b>PTM L0 524</b> EM07 red LED 6...24 VDC/VAC	6-1415036-1
<b>PTM G0 524</b> EM11 green LED 6...24 VDC/VAC	3-1415036-1
<b>PTM L0 560</b> EM14 red LED 24...60 VDC/VAC	1-1415539-3
<b>PTM G0 560</b> EM30 green LED 24...60 VDC/VAC	1-1415539-5
<b>PTM L0 730</b> EM06 red LED 110...230 VAC	7-1415036-1
<b>PTM G0 730</b> EM10 green LED 110...230 VAC	4-1415036-1

### Relay Packages

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

