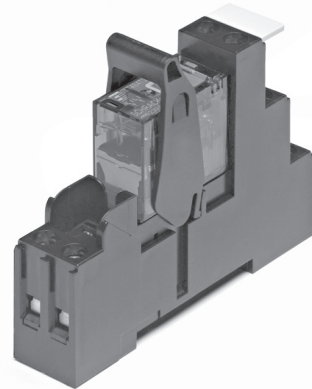


## Relay Package XT

- Relay package consisting of XT relay, DIN-rail socket, plastic retaining clip and marking tag
- 1 CO with 16 A or 2 CO with 8 A rated load
- Sensitive DC- or AC coil
- Reinforced insulation (protection class II / VDE 0700), safe separation to VDE 0160
- Jumper bars for interconnection
- Further accessories see Accessories XT
- Manual test tab, optionally lockable
- Mechanical and electrical indicators



F0288-DP



### Approvals

Relay: VDE Cert. No. 40017832, cULus E214025, Lloyds 08/20067 (E2)  
Socket: VDE Cert. No. 40017832, cULus E135149

Technical data of approved types on request

| Contact data                                        | 1-pole                    | 2-pole        |
|-----------------------------------------------------|---------------------------|---------------|
| Contact configuration                               | 1 CO                      | 2 CO          |
| Contact set                                         | single contact            |               |
| Type of interruption                                | micro disconnection       |               |
| Rated voltage/max. switching voltage AC             | 240/400 VAC               |               |
| Rated current                                       | 16 A*)                    | 8 A           |
| Limiting continuous current                         | 16 A*)                    | 8 A, UL: 10 A |
| Maximum breaking capacity AC                        | 4000 VA                   | 2000 VA       |
| Limiting making capacity, max. 4 s, duty factor 10% | 30 A                      | 15 A          |
| Contact material                                    | AgNi 90/10                |               |
| Rated frequency of operation with/without load      | 6 / 600 min <sup>-1</sup> |               |

\*) For full load current (16 A) the relay terminals 11-21, 12-22 and 14-24 have to be bridged

### Contact ratings

For contact ratings see datasheet Interface Plug-in Relay XT

### Coil data

|                                  |                  |
|----------------------------------|------------------|
| Rated coil voltage range DC coil | 24 VDC           |
| AC coil                          | 24, 115, 230 VAC |
| Operative range to IEC 61810     | 2                |

### Coil versions, DC coil

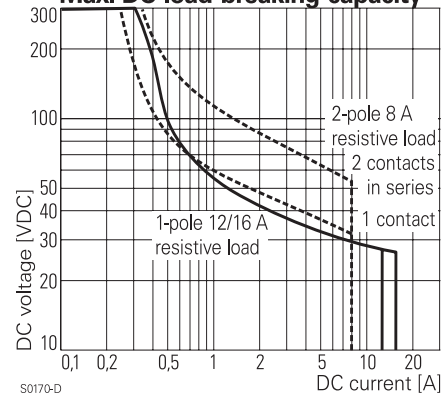
| Coil code | Rated voltage VDC | Operate voltage VDC | Release voltage VDC | Coil resistance $\Omega \pm 10\%$ | Rated coil power mW |
|-----------|-------------------|---------------------|---------------------|-----------------------------------|---------------------|
| LC4       | 24                | 16.8                | 2.4                 | 1440                              | 419                 |

### Coil versions, AC coil 50 Hz

| Coil code | Rated voltage VAC | Operate voltage 50 Hz VAC | Release voltage 50 Hz VAC | Coil resistance $\Omega$ | Rated coil power 50 Hz VA |
|-----------|-------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| R24       | 24                | 18.0                      | 3.6                       | 350 $\pm 10\%$           | 0.77                      |
| S15       | 115               | 86.3                      | 17.3                      | 8100 $\pm 15\%$          | 0.81                      |
| T30       | 230               | 172.5                     | 34.5                      | 32500 $\pm 15\%$         | 0.81                      |

All figures are given for coil without preenergization, at ambient temperature +23°C  
Other coil voltages on request.

### Max. DC load breaking capacity

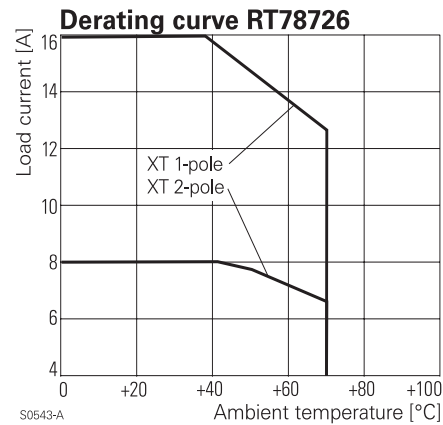


S0170-D

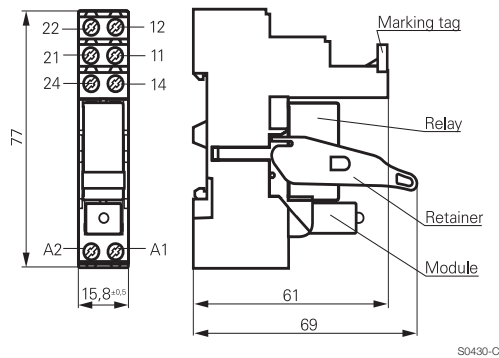
| Insulation                                | 1-pole              | 2-pole                |
|-------------------------------------------|---------------------|-----------------------|
| Dielectric strength                       |                     |                       |
| coil-contact circuit                      |                     | 5000 V <sub>rms</sub> |
| open contact circuit                      |                     | 1000 V <sub>rms</sub> |
| adjacent contact circuits                 |                     | 2500 V <sub>rms</sub> |
| Clearance / creepage coil-contact circuit | $\geq 8 / 8$ mm     |                       |
| Material group of insulation parts        | IIIa                |                       |
| Tracking index of relay base              | PTI 175 V           |                       |
| Insulation to IEC 60664-1                 |                     |                       |
| Type of insulation coil-contact circuit   | reinforced          |                       |
| open contact circuit                      | micro disconnection |                       |
| adjacent contact circuits                 | basic               |                       |
| Rated insulation voltage                  | 250 V               |                       |
| Pollution degree                          | 3                   | 2                     |
| Rated voltage system                      | 240 V               | 230 / 400 V           |
| Overvoltage category                      | III                 |                       |

**Relay Package XT (Continued)**

| Other data                                                                                                                                                                                                                              | 1-pole                           | 2-pole                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| Mechanical endurance                                                                                                                                                                                                                    | DC coil                          | > 10 x 10 <sup>6</sup> cycles |
|                                                                                                                                                                                                                                         | AC coil                          | > 5 x 10 <sup>6</sup> cycles  |
| Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at <a href="http://www.te.com/customer-support/rohssupportcenter">www.te.com/customer-support/rohssupportcenter</a> |                                  |                               |
| Ambient temperature range                                                                                                                                                                                                               |                                  |                               |
| for mounting/handling                                                                                                                                                                                                                   |                                  | -20...+70°C                   |
| in operation                                                                                                                                                                                                                            |                                  | -40...+70°C                   |
| Processing                                                                                                                                                                                                                              |                                  |                               |
| 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 <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                                                                                                                                                                                                              |                                  | 100 N                         |
| Mounting distance                                                                                                                                                                                                                       | ≥ 0 mm, dense packing of sockets |                               |
| Weight                                                                                                                                                                                                                                  |                                  | 56 g                          |
| Packaging unit                                                                                                                                                                                                                          |                                  | 10 pcs                        |



**Dimensions**



**Product code structure**

Typical product code

**XT 4S 4 T30**

**Type**

**XT** Relay Package XT

**Version**

**3S** Relay set: XT 1-pole CO (1 form C), 16 A, red LED  
**4S** Relay set: XT 2-pole CO (2 form C), 8 A, red LED

**Contact material**

**4** AgNI 90/10, CO contact

**Coil**

**LC4** 24 VDC  
**S15** 115 VAC  
**R24** 24 VAC  
**T30** 230 VAC

| Product code | Socket  | Retainer | Marking tag | Relay    | Coil   | Part Number |
|--------------|---------|----------|-------------|----------|--------|-------------|
| XT3S4LC4     | RT78726 | XT17017  | RT17040     | XT374LC4 | 24VDC  | 4-1415540-1 |
| XT3S4R24     |         |          |             | XT374R24 | 24VAC  | 4-1415540-2 |
| XT3S4S15     |         |          |             | XT374S15 | 115VAC | 4-1415540-3 |
| XT3S4T30     |         |          |             | XT374T30 | 230VAC | 4-1415540-4 |
| XT4S4LC4     |         |          |             | XT484LC4 | 24VDC  | 4-1415540-5 |
| XT4S4R24     |         |          |             | XT484R24 | 24VAC  | 4-1415540-6 |
| XT4S4S15     |         |          |             | XT484S15 | 115VAC | 4-1415540-7 |
| XT4S4T30     |         |          |             | XT484T30 | 230VAC | 4-1415540-8 |