

Data sheet

15777.2 SDSR 2



Star-delta switching relay module with adjustable star time, Screw connection, Mounting type: Mounting rail TS 35, 2 CO contacts

Business data

| | |
|--|-----------------------------|
| Article number | 15777.2 |
| Article name | SDSR 2 |
| GTIN (EAN) | 4044211133986 |
| Packaging unit | 1 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 88.8 g |
| Weight per piece (including packaging) | 103.6 g |
| Unit of weight | G |
| Customs number | 85364900 |
| Country of origin | AT |
| Product description | Star-delta switching relays |

Technical data

Dimensions

| | |
|---|---------|
| Length | 87 mm |
| Width | 35 mm |
| Height TS 35 / 7.5 with BA | 67.5 mm |
| Installation dimensions acc. to DIN 43880 | 2 Te |

Ratings

| | |
|--------------------------|---------|
| Rated voltage | 250 V |
| Rated insulation voltage | 250 VAC |
| Rated frequency min. | 48 Hz |
| Rated frequency max. | 63 Hz |
| Rated impulse voltage | 4 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

Connection data

| | |
|--|---------------------|
| Connection principle | Screw connection |
| Wire cross-section single core (rigid), min. | 0.2 mm ² |
| Wire cross-section single-core (rigid), max. | 4 mm ² |
| Wire cross-section stranded, min. | 0.5 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| Stripping length | 8 mm |
| Torque | 1 Nm |

Input data

| | |
|------------------------|-----------------------------|
| Drop-out voltage | >30% of min. supply voltage |
| Power supply AC/DC | 12 - 240 V |
| Power consumption | 1,5 W |
| Tolerance | (0,9) 12 V - (1,1) 240 V |
| Power-on duration | 1 |
| Recovery time | 100 ms |
| Residual ripple for DC | 10% |

Technical data

Output data

| | |
|---|---|
| Electrical lifespan (AC1) | 2x10 ⁵ at 1000 VA resistive load |
| Mechanical lifespan | 20x10 ⁶ |
| Relay contact | 2 CO contacts |
| Switching capacity of aligned device (gap < 5 mm) | 2000 VA (8 A / 250 V AC) |
| Switching capacity of non-aligned device (gap < 5 mm) | 2000 VA (8 A / 250 V AC) |

Accuracy

| | |
|-----------------------|---------------------------|
| Basic accuracy | ± 1% (from scale reading) |
| Setting tolerance | ≤ 5% (from scale reading) |
| Repeat accuracy | <5% |
| Temperature influence | ≤0,01% / °C °C |

Materials

| | |
|---------------------------|--------|
| Working temperature, min. | -25 °C |
| Working temperature, max. | 55 °C |
| Relative humidity, min. | 15 % |
| Relative humidity, max. | 85 % |

Further technical data

| | |
|---------------------------|--|
| Status display | ✓ |
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 70 °C |
| Shock resistance | 15 g 11 ms |
| Fuse | 8 A |
| Trigger characteristic | Fast-acting (F) |
| Vibration resistance | 10 - 55 Hz 0,35 mm |
| Remarks | Refer to the package insert for LED functions. |

Environmental Product Compliance

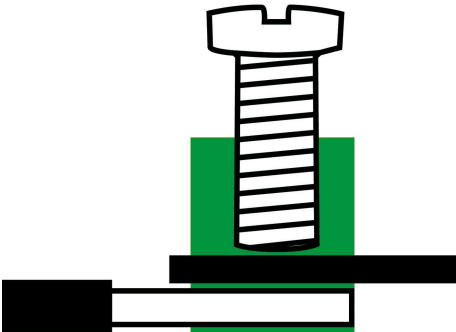
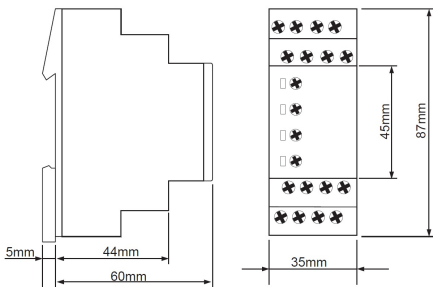
| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2023-06-14 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

| | |
|--------------|-----|
| CE compliant | yes |
|--------------|-----|

Media



Accessories
