

Clock-pulse generator dual-timing relay module with 2 functions and 2 adjustable time ranges (50 ms to 100 h), Screw connection, Mounting type: Mounting rail TS 35, 1 CO contact

Business data

| | |
|--|------------------------------|
| Packaging unit | 1 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 59.9 g |
| Weight per piece (including packaging) | 74.1 g |
| Unit of weight | G |
| Customs number | 85364900 |
| Country of origin | AT |
| Product description | Multi-function timing relays |

15679.2

MFR 6

Technical data

Dimensions

| | |
|---|---------|
| Length | 87 mm |
| Width | 7.5 mm |
| Height TS 35 / 7.5 with BA | 67.5 mm |
| Installation dimensions acc. to DIN 43880 | 1 Te |

Ratings

| | |
|------------------------|-----------------------------|
| Rated voltage | 250 V |
| Rated frequency min. | 48 Hz |
| Rated frequency max. | 63 Hz |
| Rated impulse voltage | 4 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| 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 | 100% |
| Recovery time | 100 ms |
| Residual ripple for DC | 10% |

Technical data

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. | 0.2 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 |
| Switching capacity of aligned device (gap < 5 mm) | 2000 VA (8 A / 250 VAC) |
| Switching capacity of non-aligned device (gap < 5 mm) | 2000 VA (8 A / 250 VAC) |

Output data

| | |
|---------------------------|---|
| Electrical lifespan (AC1) | 2x10 ⁷ at 1000 VA resistive load |
| Mechanical lifespan | 20x10 ⁷ |
| Relay contact | 1 CO contact |

Time functions

| | |
|----------------|---------------|
| Time range | 50 ms - 100 h |
| Setting ranges | 7 |

Accuracy

| | |
|-----------------------|---------------------------|
| Basic accuracy | ± 1% (from scale reading) |
| Setting tolerance | < 5% (from scale reading) |
| Repeat accuracy | <0,5% / ± 5 ms |
| 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 % |

15679.2

MFR 6

Technical data

Further technical data

| | |
|---------------------------|--|
| Status display | ✓ |
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 70 °C |
| Shock resistance | 15 g 10 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 | 2021-07-08 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Data sheet



15679.2

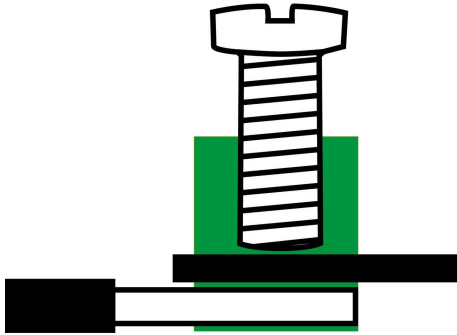
MFR 6

Approvals

Standards and regulations

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

Media



Accessories
