



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

Business data

Article number	<u>15777.2</u>
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

Data sheet

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Approvals

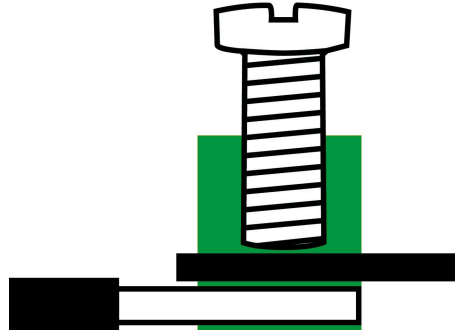
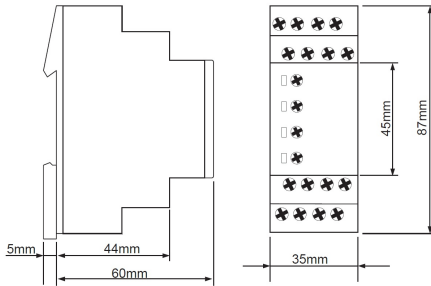
Standards and regulations

CE compliant	yes
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Media



Accessories
