



Multi-function timing relay module with 7 functions, control contact and an adjustable time range (50 ms to 10 h), Screw connection, Mounting type: Mounting rail TS 35, 1 CO contact

RAL: 9018

Business data

Article number	<u>16373.2</u>
Article name	MFR 7
GTIN (EAN)	4044211207496
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	42.3 g
Weight per piece (including packaging)	44.4 g
Unit of weight	G
Customs number	85364900
Country of origin	AT
Product description	Multi-function timing relays
Colour	Light grey

Technical data

Dimensions

Length	90 mm
Width	17.5 mm
Height TS 35 / 7.5 with BA	57.9 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	2,5 kV
Overvoltage category	II
Contamination degree	2

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm ²
Wire cross-section single-core (rigid), max.	2.5 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	1.5 mm ²
Stripping length	7 mm
Torque	0.5 Nm

Input data

Power supply AC	24 - 240 V
Power supply DC	24 - 48 V
Power consumption	1 / 0,4 W
Tolerance	-15% / 10%

Technical data

Output data

Switching voltage, max.	250
Continuous current max. / Inrush current max.	5 / 5 A
Electrical lifespan (AC1)	1x10 ⁵
Mechanical lifespan	1x10 ⁶
Relay contact	1 CO contact
Switching capacity of aligned device (gap < 5 mm)	1250 VA (5 A / 250 VAC)
Switching capacity of non-aligned device (gap < 5 mm)	1250 VA (5 A / 250 VAC)

Materials

Contact material	AgNi
Working temperature, min.	-20 °C
Working temperature, max.	50 °C
Relative humidity, min.	25 %
Relative humidity, max.	75 %

Time functions

Time range	50 ms - 10 h
Setting ranges	6

Accuracy

Basic accuracy	< 1.5% (from scale reading)
Setting tolerance	< 5% (from scale reading)
Repeat accuracy	<0,5% / ± 5 ms
Temperature influence	<0,05% / °C °C

Control contact

Input	Voltage applied, terminals A1-B1
Response threshold	DC min. 25 ms / AC min. 50 ms
Load capacity	yes

Further technical data

Status display	✓
Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C
Fuse	5 A
Trigger characteristic	Fast-acting (F)
Remarks	Refer to the package insert for LED functions.

Technical data

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Data sheet

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Approvals

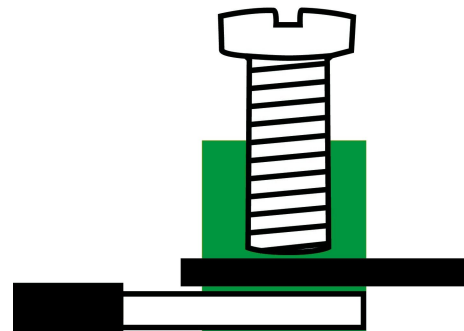
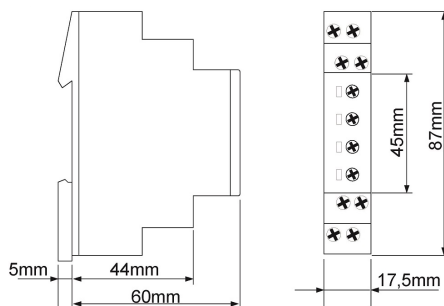
Standards and regulations

CE compliant	yes
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Data sheet

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Media



Accessories
