

Hour meters / timers, electromechanical

Timers for DIN rail mounting	DIN rail housing, 2 modules wide (AC+DC)	SH17
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The hour meters SH17 feature a very high shock resistance.

These DIN rail mount counters can be used in many different fields of application. These non-resettable counters are extremely tamper-proof.

Characteristics

- 7-digit hour meter.
- DIN rail-mount housing, width 2 modules.
- High shock and impact resistance.
- Without reset.
- Magnified large figures.
- Protection IP65 on the front side.

Benefits

- Easy mounting.
- Data retention in case of power failure.
- Long service life.

Applications

General time measurement, maintenance intervals for measuring instruments, small appliances, UV lamps, integration in control cabinets.

Type series		
Description	Mounting	Type
Standard timer	DIN rail 35 mm [1.38"] acc. to DIN EN 50022	SH17

Technical data	
Electrical connection	screw terminals finely-stranded 0 ... 2.5 mm ² [AWG13] single-wires 0 ... 4 mm ² [AWG11] tightening torque max. 0.5 Nm
Power consumption	DC approx. 1 W AC approx. 2.5 VA
Rated voltages	24, 115, 230 V AC ±10 %, 50Hz 115 V AC ±10 %, 60Hz 10 ... 27 V DC
On time	100 %
Number of digits	7: 99999.99 h
Height of figures	1.8 x 3.6 mm [0.071 x 0.14"]
Color of figures	white on black
Decimal figures	black on white
Housing	plastic PC (Polycarbonate)
Weight	approx. 60 g [2.12 oz]
Housing color	grey, Ral 7035
Reset	no reset
Operating temperature	AC/DC -10 °C ... +70 °C [+14 °F ... +158 °F] (non-condensing)
Storage temperature	AC/DC -40 °C ... +80 °C [-40 °F ... +176 °F]
Relative humidity at +25 °C [+77 °F]	≤ 80 % (non-condensing)
Altitude	up to 2000 m [6562']

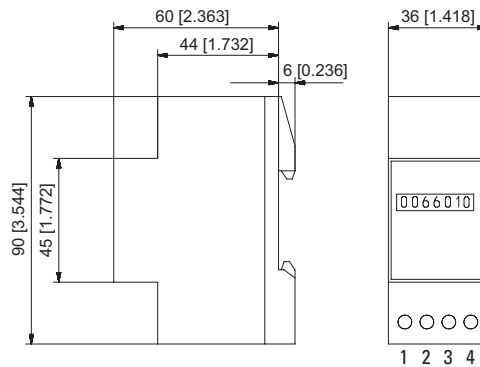
Mounting position	any
Protection acc. to EN 60529	IP65 (front side) screw terminal IP20
Vibration resistance	1 g (10 ... 500 Hz) acc. to EN 60028-2-34
Shock resistance	30 g (18 ms) acc. to EN 60068-2-27 25 g (6 ms) acc. to EN 60068-2-29
Device safety	designed to protection class 2 application area pollution level 2
Accuracy	< 0.01%, for all versions

Approvals		
CE compliant in accordance with	EMC Directive	2014/30/EU
	RoHS Directive	2011/65/EU
	Low Voltage Directive	2014/35/EU

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Standard timer
Type SH17



Terminal assignment

PIN	DC	AC
1	n.c.	n.c.
2	+	~
3	-	~
4	n.c.	n.c.

Type	Display	Voltage	Art. no.			
			24 V	115 V	230 V	10 ... 27 V DC
SH17	7 digits	AC (50 Hz)	0.170.000.071	0.170.000.284	0.170.000.075	
	7 digits	AC (60 Hz)		0.170.000.287		
	7 digits	DC				0.170.000.351