

Hour meters / timers, electromechanical

Timers for DIN rail mounting	DIN rail housing, 2 modules wide (AC+DC)	SH 17
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The hour meters SH 17 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	SH 17

Technical data

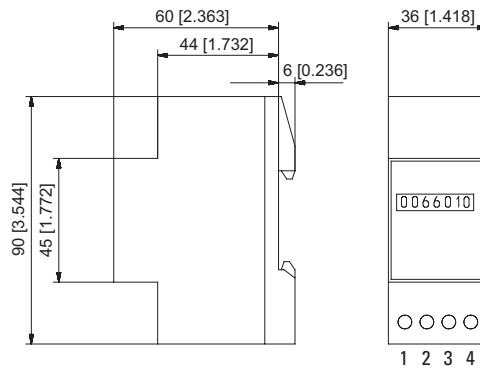
Electrical connection		screw terminals
	finely-stranded	0 ... 2.5 mm ² [AWG13]
	single-wires	0 ... 4 mm ² [AWG11]
	tightening torque max.	0.5 Nm
Power consumption	DC	approx. 1 W
	AC	approx. 2.5 VA
Rated voltages		24, 115, 230 V AC ±10 %, 50Hz
		115 V AC ±10 %, 60Hz
		10 ... 27 V DC
On time		100 %
Number 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]
Color of housing		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
EMC standards		EN 55011 class B EN 61000-6-2, EN 61000-6-3
Device safety	designed to	EN 61010 part 1
	protection class	2
	application area	pollution level 2
Accuracy		< 0.01%, for all versions

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Standard timer
Type SH 17



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
SH 17	7 digits	AC (50 Hz)	0.170.000.071	0.170.000.284	0.170.000.075 ¹⁾	
	7 digits	AC (60 Hz)		0.170.000.287		
	7 digits	DC				0.170.000.351 ¹⁾