

Hour meters / timers, electromechanical

Timers for DIN rail mounting

DIN rail housing, 2 modules wide (AC+DC)

SH 17



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

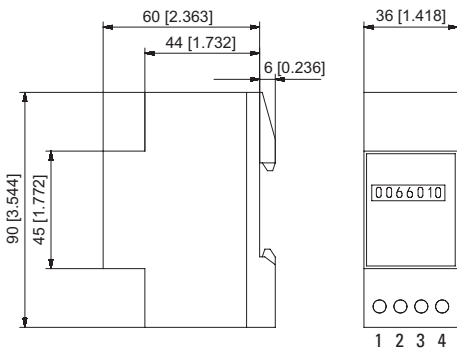
Electrical connection	screw terminals finely-stranded 0 ... 2.5 mm ² [AWG13] single-wires 0 ... 4 mm ² [AWG11] tightening torque max. 0.5 Nm
Power consumption	DC approx. 1 W AC approx. 2.5 VA
Rated voltages	24, 115, 230 V AC ±10 %, 50Hz 115 V AC ±10 %, 60Hz 10 ... 27 V DC
On time	100 %
Number of digits	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 screw terminal	IP65 (front side) 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 protection class application area	EN 61010 part 1 2 pollution level 2
Accuracy	< 0.01%, for all versions

Hour meters / timers, electromechanical

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

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⁾	