

# Hour meters / timers, electromechanical

<b>Timers for DIN rail mounting</b>	<b>DIN rail housing, 2 modules wide (AC+DC)</b>	<b>SH17</b>
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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	<b>SH17</b>

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

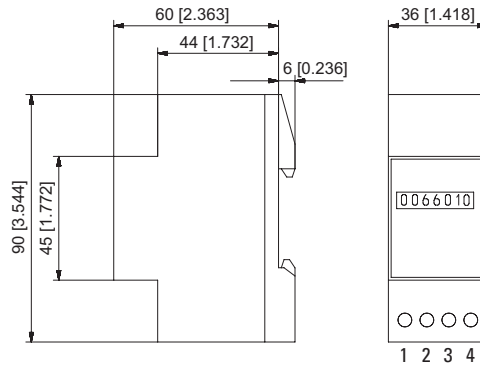
<b>Mounting position</b>	any
<b>Protection</b> acc. to EN 60529	IP65 (front side) screw terminal IP20
<b>Vibration resistance</b>	1 g (10 ... 500 Hz) acc. to EN 60028-2-34
<b>Shock resistance</b>	30 g (18 ms) acc. to EN 60068-2-27 25 g (6 ms) acc. to EN 60068-2-29
<b>Device safety</b>	designed to protection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

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

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**Timers for DIN rail mounting**    **DIN rail housing, 2 modules wide (AC+DC)**    **SH17**

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
<b>SH17</b>	7 digits	AC (50 Hz)	<b>0.170.000.071</b>	<b>0.170.000.284</b>	<b>0.170.000.075</b>	
	7 digits	AC (60 Hz)		<b>0.170.000.287</b>		
	7 digits	DC				<b>0.170.000.351</b>