

## Micro Timers – SHK 07.1



- 7-digit micro hour meter
- DIN-rail mounting to EN 50 022
- Base mount meter
- High shock resistance
- Low power consumption
- Small dimensions
- Large optical figures
- Data retention if power is lost
- Long service life
- Display range 99999.99h

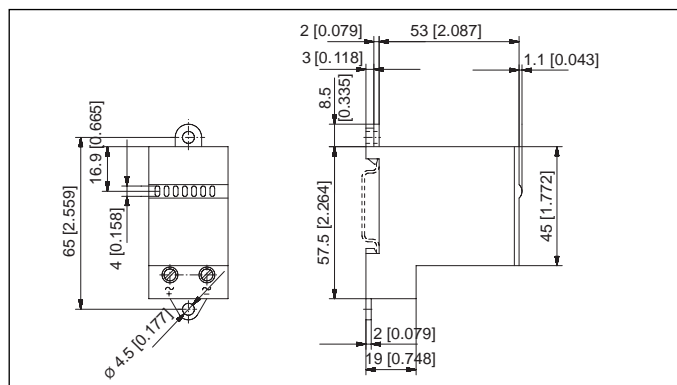
### Applications

general time counting, installation in control cabinets

### Technical data:

Electrical connection:	clamp terminal for cable diameter up to 2.5 mm <sup>2</sup> [1612.9 square inch], tightening torque max. 0.8 Nm	Height of figures:	1.2 x 4 mm [0.047 x 0.157"]
Typ. power consumption:	at U <sub>B</sub> = 5 V DC typ. 82 mW at U <sub>B</sub> = 12 V DC typ. 135 mW at U <sub>B</sub> = 24 V DC typ. 135 mW max. 170 mW (only every 36 s with a pulse time of 32 ms) 100 ... 130 V AC approx. 0.82 VA 187 ... 264 V AC approx. 1.8 VA	Colour of figures:	white and red on black
Rated voltages:	20 ... 30, 100 ... 130, 187 ... 264 V AC 50 Hz, 60Hz 4.5 ... 35 V DC	Reset:	no
On time:	100 %	Ambient temperature:	-10 ... +50 °C at AC [14 ... 122 °F] -10 ... +60 °C at DC [14 ... 140 °F] non condensing
Figures:	7 (99999.99 h)	Mounting position:	horizontal
Accuracy:	22.5 ppm at 25 °C [77°F]	Protection:	up to IP 52 depends on version
		Housing:	plastic (polycarbonate)
		Weight:	approx. 55 g [1.94 oz]
		Options:	temperature range -30 ... +85 °C version with 6 digits width of figures 1.7 mm [0.067]

### Type SHK 07.1



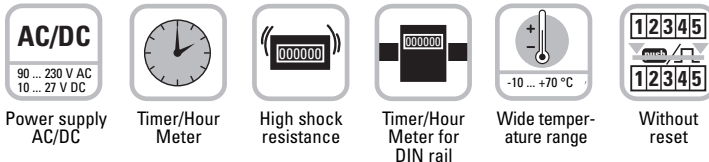
Voltage	Art-No. (V DC)	Art-No. (V AC) 50 ... 60 Hz
4.5 ... 35	3.102.101.383*	
20 ... 30		3.102.101.310
100 ... 130		3.102.101.312
187 ... 264		3.102.101.313*

\*standard stock model

Timers

## DIN Rail Timers – SH 17

- 7-digit hour meter for DIN rail mounting to EN 50022
- 2 modules wide (36 mm), Count range 99999.99 h



**Versatile**

- For voltage ranges  
10...27 V DC, 230 V AC
- Large temperature range
- Protection to IP 65 on the front side
- 2 modules wide
- Without reset, therefore tamper-proof



**Accurate**

- Quartz for DC version and 50 Hz for AC version

**Simple**

- Simple mounting on 35 mm rail to EN 50022
- Snap-on fixing
- 7-digit:  
5 digits for hours,  
2 decimal positions (0.01 h -> 36 s)

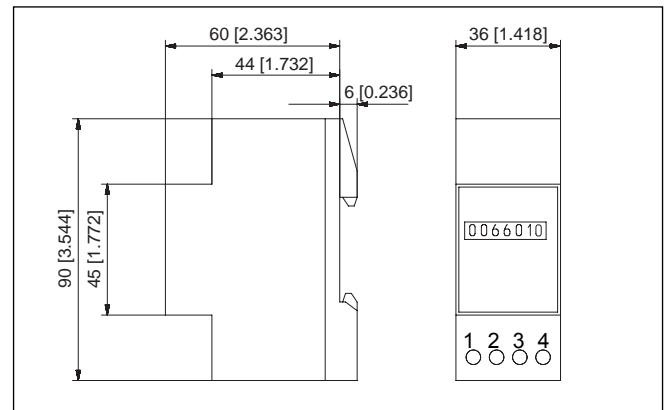
### Applications

- General time counting
- Control cabinets
- Small appliances
- Distribution panels
- Plant and equipment etc.

### Technical data:

Electrical connection:	screw terminal
Power consumption:	DC: approx. 1 W AC: approx. 2.5 VA
Rated voltages:	230 V AC ±10 %, 50 Hz 10 ... 27 V DC
On time:	100 %
Display:	7 figures (99999.99 h), 0.01 => 36 s
Height of figures:	1.5 x 3.5 mm [0.059 x 0.138"]
Colour of figures:	white on black decimal figures black on white
Reset:	no
Ambient temperature:	-10° ... +70 °C [14 ... 158 °F] at AC (non-condensing) -10° ... +50 °C [14 ... 122 °F] at DC
Mounting position:	any
Protection:	IP 65 front side screw terminal IP 20
Housing:	plastic; colour Ral 7035
Weight:	approx. 60 g [2.116 oz]
Colour of housing:	grey

### Dimensions:



### Connection

DC:	2 = + 3 = - 1,4 = n.c.	AC:	2 and 3 1,4 = n.c.
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### Order code:

Voltage	10 ... 27 V DC	230 V AC
Art. No.	0.170.000.351*	0.170.000.075*

\*standard stock model