

Hour Meters

Type series SHK 07

General Description

Miniature hours counter suitable for base mounting or rail mounting according to DIN 46 277.

Available for DC- or AC-voltages.

A quartz crystal oscillator controlled circuitry triggers the count coil every 36 sec = 0.01 h for 32 msec. Therefore the maximum power consumption is only required every 36 sec. During the rest of the time the maximum power consumption is 2 mA. On-times < 36 sec. are not measured.

A very high shock resistance guaraties accurate counting even under abnormal conditions. The AC-version is suitable for 50 and 60 Hz as well as for DC.

Technical Data:

Figures: 4 mm high magnifying glass
hours white on black
decimals red on black

Mounting position: Optional

Voltages:
20–30, 100–130, 187–264 VAC
50 Hz and 60 Hz
4.5–12.5*, 10–18, 18–26, 22–32 VDC
* ± 10 %

Normal voltage: 230 VAC

Special voltages: On request

Power consumption:
approx. 125 mW at 5 VDC
approx. 600 mW at 4.5–12 VDC
approx. 430 mW at 10–18 VDC
approx. 780 mW at 18–26 VDC
approx. 880 mW at 22–32 VDC
approx. 0.43 VA at 20–30 VAC
approx. 0.82 VA at 100–130 VAC
approx. 1.8 VA at 187–264 VAC



Electrical connection: Screw terminal

Test voltage:
2000 VAC, 50 Hz (AC-counters)

Permissible ambient temperature:
– 10°... + 50°C at AC
– 10°... + 60°C at DC

Protection:
IP 52 DIN 40050 front side

Colour of housing: Black

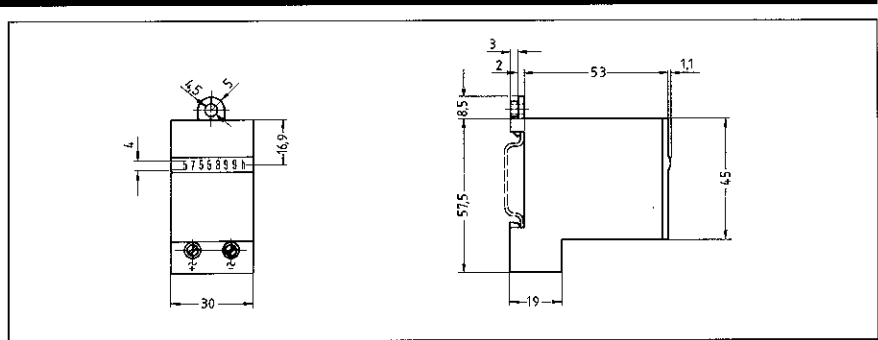
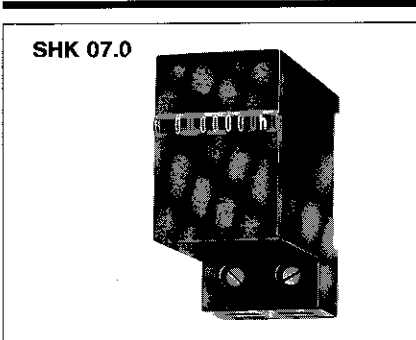
Weight: Approx. 55 g

Options:

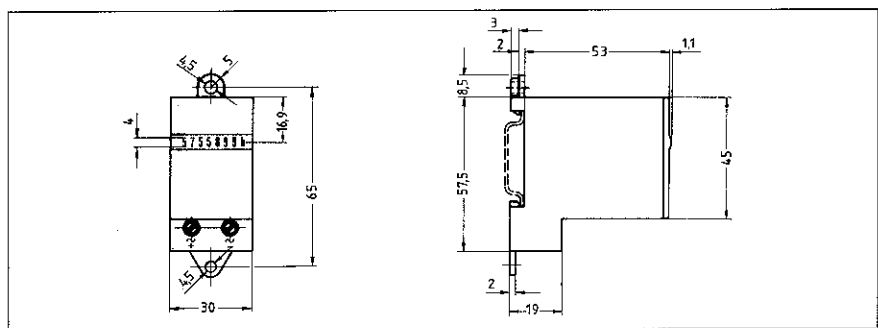
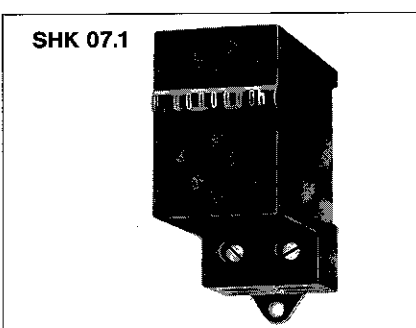
Colour of housing: Grey
Art.-No. 3.102.X00.XXX

Flat pins 0.8 x 6.3 mm
Art.-No. 3.102.X00.XXX.011

6-digit version
display 9999.99 h
larger width of figures = 1.7 mm



Voltage	Article No. (VDC)	Article No. (VAC)
4,5–12	3.102.001.378	
10–18	3.102.001.377	
18–26	3.102.001.379	
22–32	3.102.001.380	
20–30		3.102.001.310
100–130		3.102.001.312
187–264		3.102.001.313



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18–26	3.102.101.379	
22–32	3.102.101.380	
20–30		3.102.101.310
100–130		3.102.101.312
187–264		3.102.101.313