

Hour meters

HK 30



Highlights

- price competitive meter
- excellent quality
- long lifetime
- different models for different markets
- all necessary approvals
- your branding available

Applications

- gen-sets
- compressors
- pumps
- medical equipment
- control panels
- air conditioning

Mechanical data

Front dimension: 36 x 24 mm (standard)

Display AC: 5 integers, 2 decimals
DC: 6 integers, 1 decimal without reset

Digit height 4 mm

Digit color integer: white on black
decimal: 50 Hz – red on black
60 Hz – black on white

Counting range AC: 99999,99 h, DC: 999999,9 h

Reading accuracy AC: 1/100 h (36 sec)
DC: 1/10 h (6 min)

Weight ca. 32 g

Housing color standard black
transparent on request

Bezels for 36x24 mm 48x24, 48x48, 54x29, 55x55, Ø 58, Ø 72, 72x72 mm

Mounting options D – DIN housing
E – 48x48 DIN case
G – front 36x24mm with retainer
R – front 40,6x27,5mm (1,60x1,08") with retainer
S – 2-screw front 52x26mm (2,05x1,03")

Electrical data

Operating voltage 24, 48, 60, 110, 120, 220, 230, 240, 400 VAC ± 10%, 50 or 60 Hz

6-12, 12-36, 36-80, 110, 220 VDC ± 10%

Current consumption AC: max. 8 mA
DC: max. 9 mA

Accuracy AC: ± 0,02 %
DC: ± 0,002 %

Connection flat pin 6,3x0,8 with screw
flat pin 6,3x0,8

Ambient conditions

Operating temperature AC: -25° C .. +70° C
DC: -10° C .. +55° C

Storage temperature AC: -40° C .. +70° C
DC: -20° C .. +70° C

Relative humidity max. 80% at +25° C

Protection IP40 front
IP67 front (transparent housing)
IP00 terminals

Approvals CE Mark
UL E171200

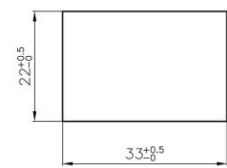
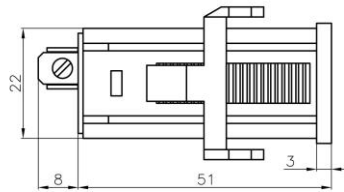
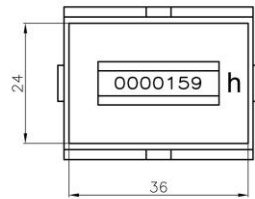
RoHS, Reach compliant

Ordering

HK 30 . x x / x x x / x x

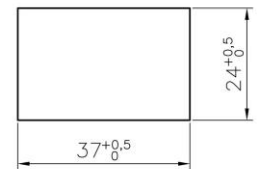
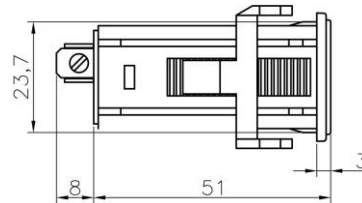
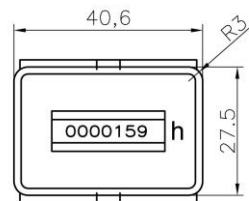
Mounting	Bezel for 36x24 front	Protection	Connection	Package	Voltage (specify)	Frequency
D – DIN housing E – 48x48 DIN case G – front 36x24mm with retainer R – front 40,6x27,5mm (1,60x1,08") with retainer S – 2-screw front 52x26mm (2,05x1,03")	0 – none 1 – 48x24 mm 2 – 48x48 mm 3 – 54x29 mm 4 – 55x55 mm 5 – Ø58 mm 6 – Ø72 mm 7 – 72x72 mm	1 – IP40 front 2 – IP67 front	1 – flat pin 6,3x0,8 with screw 2 – flat pin 6,3x0,8	P – single S – group	24, 48, 60, 110, 120, 220, 230, 240, 400 VAC 6-12, 12-36, 36-80, 110, 220 VDC	50 Hz 60 Hz

Hour meters



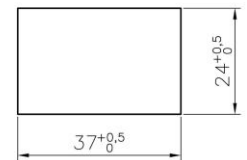
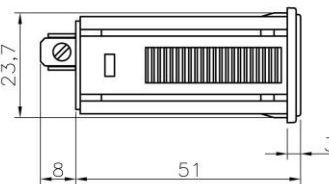
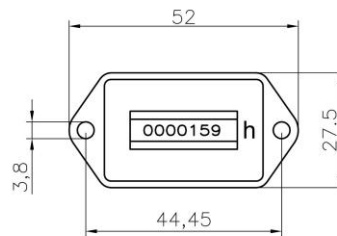
HK 30 – mounting G

Panel cut-out



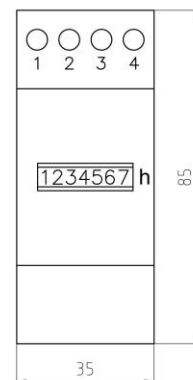
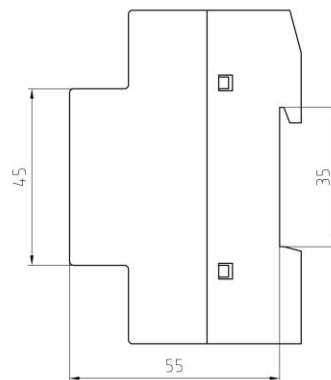
HK 30 – mounting R

Panel cut-out



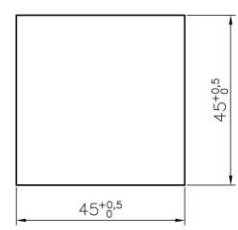
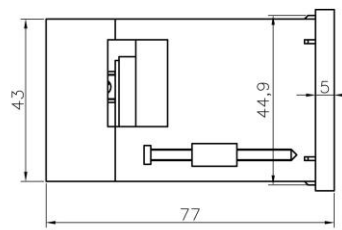
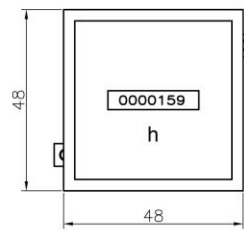
HK 30 – mounting S

Panel cut-out



HK 30 – mounting D

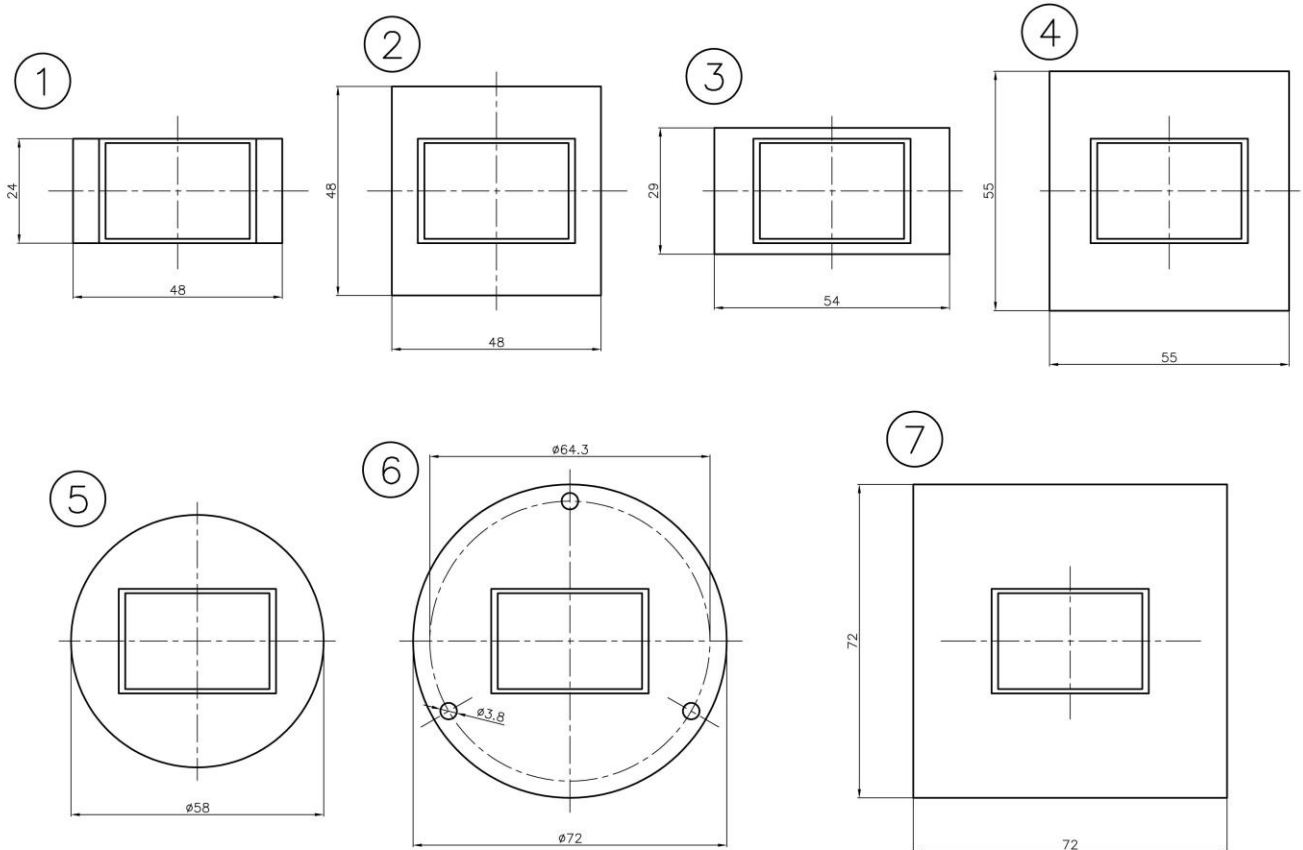
Hour meters



HK 30 – mounting E

Panel cut-out

HK 30 bezels – for 36x24 mm front meter



Bezel No.	Bezel size	Panel cut-out	Retainer size
1	48 x 24 mm	45 x 22 mm	standard
2	48 x 48 mm	45 x 45 mm	bigger
3	54 x 29 mm	50 x 25 mm	standard
4	55 x 55 mm	45 x 45 or $\Phi 50$ mm	bigger
5	$\Phi 58$ mm	$\Phi 50$ mm	bigger
6	$\Phi 72$ mm	min. $\Phi 50$ mm	standard
7	72 x 72 mm	45 x 45 or $\Phi 50$ mm	bigger