

# HK-30 DC Series



**FEATURES:**

- Low Cost
- DC Input Voltage
- CE mark, UL recognized & RoSH
- Rugged Design
- Long Life
- Non-reset

**DESCRIPTION:**

Hour meters are designed for the determination and monitoring of operating time, warranty period and maintenance intervals on electrically driven machines and devices. Typical applications are in mechanical processing and woodworking, in the textile and paper industry, on central heating boilers, electrical furnaces, power drives and rectifiers, etc. The HK-30's small size makes it ideal when space is limited. When connected in parallel to a control circuit the hour meter will only work during the operation of a machine or device.

**SPECIFICATIONS:**

**Supply voltage:** 6-12V, 12-36V, 36-80V or 110V (± 10%)  
**Mounting:** **G** panel fork clamp, **D** DIN rail  
**Connection:** **S** flat pins 6.3x0.8 mm with screw terminal, **P** flat pins 6.3x 0.8 mm or screw terminals (mounting D Only)  
**Protection class:** IP 40 and IP 20 (mounting D) front; IP 00 – connection. Optional IP 65 front (transparent housing)  
**Motor:** stepping motor  
**Power consumption:** 0.025 to 0.25W at 12 to 36V  
**Operating temp. range:** -10°C.... +55°C  
**Reading accuracy:** 1/10 hour (6 min.)  
**Counting range:** 999,999.9 hours  
**Number of digits:** 6 integers, 1 decimal  
**Digit height:** 4 mm  
**Digit color:** - integers: white - decimals: red

**Dimensions:** mm, 1 mm = .03937"

**Housing color:** black IP 40, transparent IP 65

**Front dimensions:** 36x24 mm

**Adapter frames:** 48x24 mm, 54x29 mm, 48x48 mm, 55x55 mm, 72x72 mm, Ø58 mm, and Ø72 mm

**Approval:** UL recognized, CE mark

**Ordering Information:**

MODEL	<u>HK-30</u>	<u>12-36VDC</u>	<u>G</u>	<u>S</u>	<u>IP40</u>
CODE	1	2	3	4	5

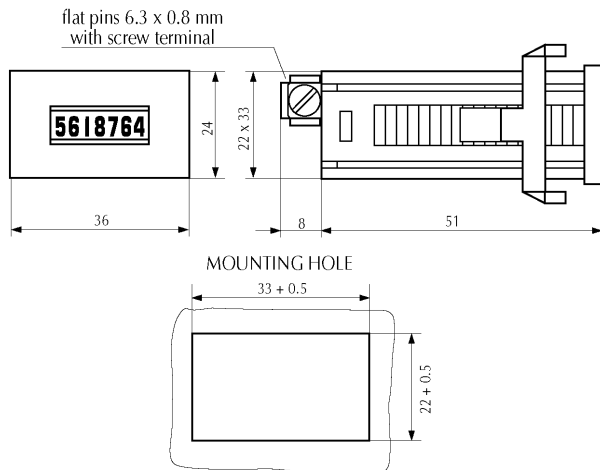
**CODE**

1. Series: HK-30
2. Voltage: 6 - 12, **12-36**, 36 - 80 or 110VDC
3. Mounting: **G** or **D**
4. Connection: **S**, **P** (Blank if Mounting D)
5. Protection: **IP40**, IP 20 (mounting D), optional IP65

**Adaptors:** (ordered separately)

Model	Mounting hole
Adaptor 1 HK-30	48x24 mm
Adaptor 2 HK-30	54x29 mm
Adaptor 3 HK-30	48x48 mm (/w clamp)
Adaptor 4 HK-30	55x55 mm (/w clamp)
Adaptor 5 HK-30	72x72 mm (/w clamp)
Adaptor 6 HK-30	Ø58 mm (/w clamp)
Adaptor 7 HK-30	Ø72 mm

Mounting G



Mounting D

