



- Input: elapsed-hour meter
- Display: 7 positions and 8 positions
- Housing: 48 x 48 mm, black plastic
- Panel mounting
- Power supply:
10-30 V_{DC}; 115 V_{AC} 60 Hz;
230 V_{AC} 50 Hz



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Model:
ZBS-4S



Description

The KOBOLD model ZBS-4S is a 7 or 8 position elapsed-hour meter for AC and DC voltage, without a home position function. The AC version has a 7-position display and a fast-running roller with red dashes to indicate movement. It has a self-starting synchronous motor that operates on 50-60 Hz current. The DC version has an 8-position display; the 1/100 h display rotates continuously and increments by 1 number every 36 s. In this model, the display digits are moved by a quartz-crystal-controlled stepper motor. The meter has a 48 x 48 mm standard housing and an installation depth of only 28 mm. The electrical connection is made with screw terminals.

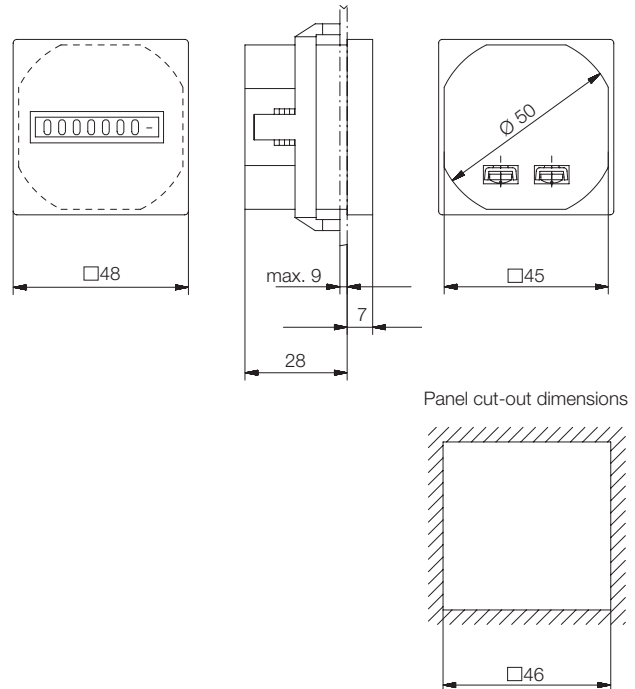
Application examples

- Machine construction
- Plant engineering
- Electrical control systems
- Construction machinery

Technical details

Maximum display:	99 999.99 h for AC version 999 999.99 h for DC version
Digits:	hours: white, decimal places: red, background: black
Digit size:	4 mm high
Ambient temperature:	-15 to +50 °C
Mounting position:	any
Housing:	plastic black
Dimensions:	48 x 48 x 35 mm
Panel cut-out size:	45 x 45 mm
Electrical connection:	screw terminals
Power supply:	10-30 V _{DC} ; 100-130 V _{AC} 60 Hz; 187-264 V _{AC} 50 Hz
Max. power consumption:	Approx. 500 mW at 10-30 V _{DC} Approx. 0.6 VA at 100-130 V _{AC} Approx. 1.2 VA at 187-264 V _{AC}
Test voltage:	2000 V _{AC} , 50 Hz (for AC version)
Weight:	approx. 48 g
Protection type:	IP 52 at front

Dimensions



Ordering details (example: ZBS-4S 0)

Model	Description	Power supply
ZBS-4S	Standard Hour Meters Housing 48 x 24 mm Latch-type fastener	0 = 230 V _{AC} / 50 Hz 3 = 10-30 V _{DC} 4 = 115 V _{AC} / 60 Hz