



## Hour Meter for DIN Rail Mounting



measuring  
•  
monitoring  
•  
analysing



- Input: Hour meter
- Display: 6 positions
- Housing:  
Clip-on mounting for DIN rail
- Material: Plastic
- Power supply:  
10-27 V<sub>DC</sub>; 230 V<sub>AC</sub> 50 Hz



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KOBOLD Messring GmbH  
Nordring 22-24  
D-65719 Hofheim/Ts.  
☎ (06192) 299-0  
Fax (06192) 23398  
E-mail: info.de@kobold.com  
Internet: www.kobold.com

**Model:**  
ZBS-9S



**Description**

The KOBOLD Model ZBS-9S is a 6-position-display elapsed-hour meter for AC and DC voltage, without a home position function. It has a self-starting synchronous motor that operates on 50 Hz current. In the DC version, the display digits are moved by a quartz-crystal-controlled stepper motor. The meter has a clip-on mounting for a DIN rail and is 2 standard modules wide (36 mm). The electrical connection is made with screw terminals.

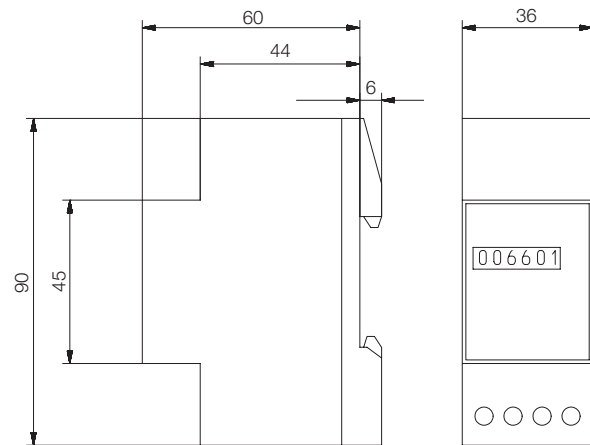
**Typical applications**

- Switching cabinets
- Distribution cabinets
- Electrical control systems

**Technical details**

Maximum display:	99 999.9 h
Numbers:	white on black Decimal places: black on white
Digit size:	3.5 x 1.5 mm
Reset:	none
Ambient temperature:	-10 to +70 °C for AC version -10 to +50 °C for DC version
Housing:	light gray plastic
Dimensions:	36 x 90 x 60 mm
Electrical connection:	screw terminals
Power supply:	10-27 V <sub>DC</sub> ; 230 V <sub>AC</sub> ± 10%, 50 Hz
Max. power consumption:	Approx. 1 W at 10-27 V <sub>DC</sub> Approx. 2.5 VA at 230 V <sub>AC</sub>
Weight:	approx. 60 g
Protection type:	IP 65 at front IP 20 terminals

**Dimensions**



**Order details** (example: ZBS-9S 0)

Model	Description	Power supply
ZBS-9S	Hour meter for DIN rail mounting	0 = 230 V <sub>AC</sub> /50 Hz 3 = 10-27 V <sub>DC</sub>