



Electro-mechanical Time Meter for AC-Voltage

Application

IVO operating time counters are used in all those instances where costs need to be made transparent, where maintenance intervals are to be kept, where guarantee periods need to be assessed or operating hours are to be captured.

Ambient conditions

Ambient temperature	- 20 ... + 55 °C
Storage temperature	- 20 ... + 70 °C
Relative humidity	Max. relative humidity 80 %, at 25 °C, non-condensing
Protection	Front IP 20 to DIN 40050
Classification	Category II

Mechanical data

Display	7-digit roller-type counter, Approx. 4 mm high, 1/100 h yellow digits With running display Without reset
Counting capacity	99 999.99 h
Front dimensions	48 x 48 mm, 55 x 55 mm oder 72 x 72 mm
Housing material	Plastic black
Weight	Approximately 60 g

Electrical data

Supply voltage	24, 110, 220 ... 240 VAC, 50 / 60 Hz
Power consumption	Approx. 1 VA
Running accuracy	Synchronous to supply net
E-connection	Terminals with wire protection, AMP plug connection possible to tab connectors 6.3 mm

Order designation

Version

- 01 Built-in counter, cutout 45 x 45 mm
Screw connection, front 48 x 48 mm
- 11 Built-in counter, cutout 45 x 45 mm
Terminal connection, front 48 x 48 mm
- 02 Built-in counter, cutout \varnothing 50 mm
Screw connection, front 55 x 55 mm
- 03 Built-in counter, cutout \varnothing 50 mm
Screw connection, front 72 x 72 mm
- 05 Counter for external mounting,
Socket without terminal cover
- 06 Counter for external mounting,
Socket with terminal cover
- 07 Counter for external mounting
Snap socket for rail EN 50 022

- C Frequency 50 Hz
- D Frequency 60 Hz

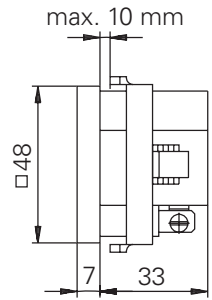
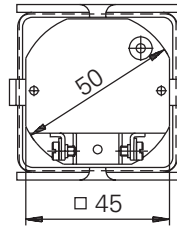
- 5 Voltage 24 VAC
- 8 Voltage 110 VAC
- 9 Voltage 220 ... 240 VAC

B 148.0 □ □ □ C

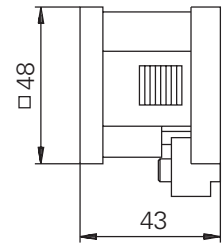
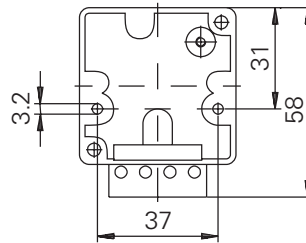
Dimensions and cutout size

Built-in counter

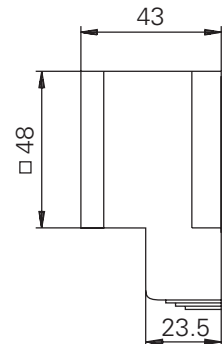
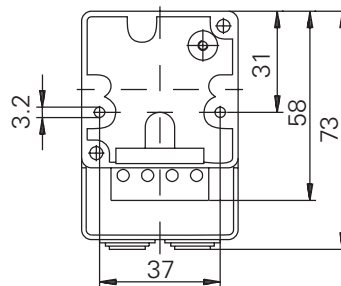
Cutout size 45 x 45 mm



Counter for external mounting, Socket without terminal cover



Counter for external mounting, Socket with terminal cover



Counter for external mounting with snap socket (EN 50 022)

