

Hour meter

HM30

DIMENSIONS (mm)

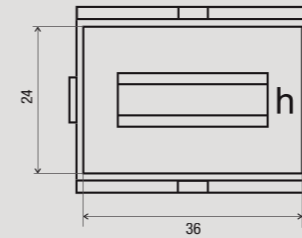
CONNECTION DIAGRAM

Series of hour meter with panel installation, available for utilities in direct or alternating current.

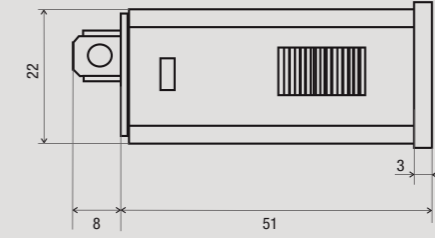


- 1 N° of digits 5+2 decimals (6 + 1 decimal for HM30-1236)
- 2 Panel-mounting installation 36x24
- 3 Connection through screw terminals or faston 6.3 mm

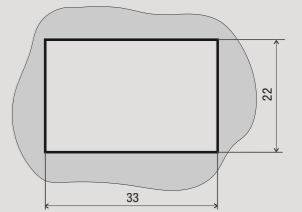
Front view



Side view



Gauge



TIME AND MANAGEMENT

TECHNICAL INFORMATION

ALTERNATING CURRENT

- Flush-mounting hour meter for loads with alternating current
- Different power supply voltages
- Connected to the ends of solenoid valves, internal resistances of electric devices and machines, it allows the counting of consumptions and work hours
- Power supply: 24-110-230 VAC
- Protection degree: IP40

DIRECT CURRENT

- Flush-mounting hour meter for loads with direct current
- Connected to the ends of solenoid valves, internal resistances of electric devices and machines, it allows the counting of consumptions and work hours
- Power supply: 12 ÷ 36 VDC
- Protection degree: IP40 (VE164000), IP67 (VE164001)

| Code | Model | Description | Power supply | Dimensions |
|----------|-----------|-----------------|--------------|------------|
| VE162400 | HM30-024 | Hour meter IP40 | 24 V AC | 36x24 |
| VE163200 | HM30-110 | Hour meter IP40 | 110 V AC | 36x24 |
| VE102000 | HM30-230 | Hour meter IP40 | 230 V AC | 36x24 |
| VE164000 | HM30-1236 | Hour meter IP40 | 12 ÷ 36 V DC | 36x24 |
| VE164001 | HM30-1236 | Hour meter IP67 | 12 ÷ 36 V DC | 36x24 |

GENERAL CHARACTERISTICS

| | | HM30-024 | HM30-110 | HM30-230 | HM30-1236 |
|---------------------------|------|------------------|-------------------|-------------------|---------------------------------|
| Alternating power supply | V AC | 24 (-10% ÷ +10%) | 110 (-10% ÷ +10%) | 230 (-10% ÷ +10%) | - |
| Direct power supply | V DC | - | - | - | 12 ÷ 36 (-10% ÷ +10%) |
| Frequency | Hz | 50 | 50 | 50 | - |
| Absorption | mA | 8 | 8 | 8 | 9 |
| Reading resolution | h | 1/100 | 1/100 | 1/100 | 1/10 |
| Electromechanic numerator | | 5+2 digits | 5+2 digits | 5+2 digits | 6+1 digits |
| Number of digits | | 7 | 7 | 7 | 7 |
| Dimension of digits | mm | 4 | 4 | 4 | 4 |
| Maximum count | h | 99999.99 | 99999.99 | 99999.99 | 999999.9 |
| Dimensions | mm | 36x24 | 36x24 | 36x24 | 36x24 |
| Front protection degree | | IP40 | IP40 | IP40 | IP40 (VE164000) IP67 (VE164001) |
| Operating temperature | °C | -25 ÷ +70 | -25 ÷ +70 | -25 ÷ +70 | -10 ÷ +55 |
| Storage temperature | °C | -40 ÷ +80 | -40 ÷ +80 | -40 ÷ +80 | -20 ÷ +70 |
| Relative humidity | | max 80% at 25°C | max 80% at 25°C | max 80% at 25°C | max 80% at 25°C |

REFERENCE STANDARDS

Compliance with Community Directives: 2014/35/EU (LVD) • 2014/30/EU (EMCD)
is declared with reference to the following standards: EN 61010-1 • EN 61000-6-2 • EN 61000-6-3