SLC-457

- timer in wall-mounted case
- power supply output 24V DC
- RS-485 / Modbus RTU
- 8-step adjustment of brightness
- digits height: 57 mm

IP 67

IP 65

Timer type **SLC-457** is designed for time counting in range from 0 to 100 hours with resolution of 1 min. Actual result is showed on 4-digit display, and the user can change it's bright in 8 steps range. The device is equipped with 4 buttons for main presets programming. To get high protection level, the keyboard is mounted under transparent waterproof cover. This feature allows to use **SLC-457** in hazardous environments. To allow user to change presets without opening of cover, an IR sensor is mounted. Remote controller keyboard is equivalent to the device keyboard (Note, that remote controller is not a part of the **SLC-457** set. It is an accesory). Build in RS-485 communication interface enables remote access to all internal registers. Baud rate can be changed from 1200 to 115200 baud.

- password protected,
- two types of wall-mounted case: IP 65 and IP 67,
- counting is signalised by blinking decimal point between displayed hours and minutes,
- format of time display hh.mm (hours.minutes),
- clearing via „rES" option (from menu level) or electrically via RESET input,
- 8-step adjustment of brightness for the display,
- transmission speed adjustable: 1200 ÷ 115200 bit/sek.

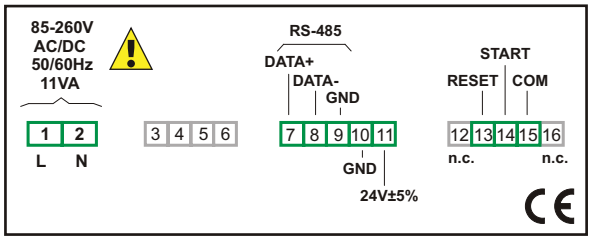
Typical applications

1. Measuring of real worktime of driving system.

Technical data

Power supply: 19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC, all separated
External fuse (required): T - type, max. 2 A
Power consumption: for 85 ÷ 260V AC/DC and 16V ÷ 35V AC power supply: max. 11 VA; for 19V ÷ 50V DC power supply: max. 8 W
Display: LED, red, 4 x 57 mm, with 8-step adjustment of brighness
Displayed values range: from 0 to 100 hours in hh.mm (hours.minutes) format
Precision: ± 0,005 % of displayed value
Resolution: 1 minute
Inputs: pulse (galvanic isolated): START - counting enable, RESET - clear counter COM - common terminal
Inputs sampling frequency: > 10 kHz
Time between input signals edges: min. 500 µs
Input levels: low 0V ÷ 3V, high 10V ÷ 30V
Sensor supply output: 24V DC +5%, -10% / max. 100 mA stabilized, not separated from RS-485
Communication interface: RS-485 (Modbus RTU), 8N1, not galvanic insulated; transmission speed adjustable in range from 1200 to 115200 bit/sek.
Operating temperature: 0°C ÷ +50°C
Storage temperature: -10°C ÷ +70°C
Protection class: IP 65 (standard); IP 67 (option)
Case: wall-mounted
Case material: ABS + glass fibre
Case dimensions: IP 65 type case: 215 x 185 x 118,2 mm
IP 67 type case: 230 x 140 x 96,5 mm

Examplary pin assignment



Ordering

SLC-457-1400-1-X-XX1

options:
01 : IP 65 (standard)
09 : IP 67

power supply:
3 : 24V AC/DC
4 : 85V - 260V AC/DC

Accessories

IR remote controller
SIR-15