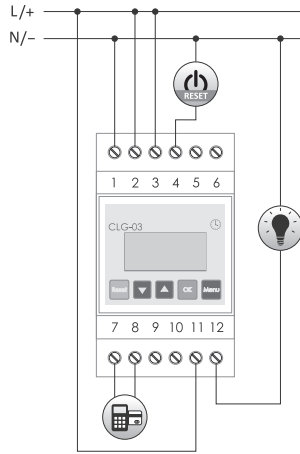


CLG-03 programmable

Operation

The CLG-03 is a programmable, multifunctional electronic meter that can count the operating hours of connected devices or systems in the range from 1 to 999 999 999, which corresponds to a maximum operating period of more than 114 years. The operating time is counted after the control voltage is applied to terminals 7-8, according to the operating program set by the user. When the threshold value is reached, the meter will perform an action configured according to the individual needs of the user.



power supply	24÷264 V AC/DC
counting input	
voltage: low state	0÷5 V AC/DC
voltage: high state	10÷264 V AC/DC
frequency for DC signal	<5 kHz
frequency for AC signal	<50 Hz
resetting input	
voltage	24÷264 V AC/DC
contact	separated 1×NO/NC
maximum load current (AC-1)	8 A
power consumption	1.5 W
working temperature	-20÷50°C
terminal	2.5 mm ² screw terminals (cord) 4.0 mm ² screw terminals (wire)
tightening torque	0.5 Nm
dimensions	3 modules (52.5 mm)
installation	for TH-35 rail
protection level	IP20

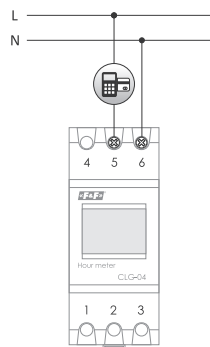
Functions

- A control panel that allows you to program and monitor the operation of the device;
- Counting input for DC signal and AC signal (50 Hz);
- Counting up the time without a preset threshold value;
- The THRH parameter, adjustable from 1 to 99 999 999 999, which determines the limit number of operating hours to be counted in each cycle of operation;
- Countdown mode "backwards" from the preset value, with an indication of reaching zero (for example 9999→0);
- Counting the operating time with a high state (continuous voltage) at the counting input;
- Counting the operating time between two pulses applied to the counting input;
- Counting the time forwards up to a preset threshold value;
- External RESET resetting input;
- The local meter can be reset automatically (loop operation) with the ability to set the selected relay action;
- Relay output, which signals that the preset state of the meter has been reached (contact 1×NO/NC 8 A);
- Selection of a relay action: a pulse of a set length of time;
- Change of state ON → OFF or OFF → ON;
- The memory of the meter status after a power failure;
- Defining of the display backlight mode.
- Program menu in one of 3 languages: Polish, English or Russian.

CLG-04 operating time meter

Purpose

The CLG-04 meter is an electronic operating time meter that allows counting up to 999999.59 hours in 1 min steps. (hours: 6 digits, minutes: 2 digits). The time is counted when the control voltage is applied to terminals 5-6. The battery power supply allows you to read the meter status regardless of the presence of control voltage. The meter is designed for mounting on a DIN rail. No RESET function to reset the meter indication.



power supply	internal battery (CR14335 soldered)
battery life	5 years (depending on the operating conditions)
voltage of counting input	100÷ 240 V AC/DC
display	6+2 characters (backlit during time counting)
indication accuracy	1 min.
power consumption	1.5 W
working temperature	-10÷40°C
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
dimensions	2 modules (36 mm)
installation	for TH-35 rail
protection level	IP20