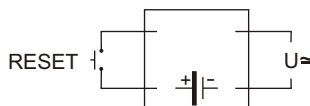# WORKING TIME METERS

PURPOSE

Working time meters are intended for counting the number of working hours in automatic production processes or the number of device working hours, which, due to safety requirements and operation efficiency have limited overhaul life, i.e operational capacity that may not be exceeded (e.g. advanced power units, special radioactive lamps, etc.).

CLG-13T   with button RESET
CLG-14T   without button RESET

FUNCTIONING

CLG-13T meter is an electronic, one-way meter, enabling the counting of working hours in 0 to 99999,9 range (five digits + one decimal). It is equipped with RESET input for the connection of external button and RESET button in front (with locking), enabling counter state reset for any value.
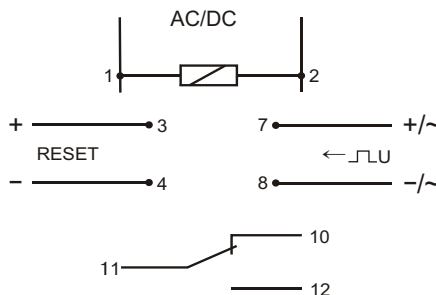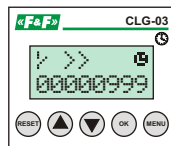
Supply	(non-voltage type) internal battery
Battery life	10 years
T input voltage	
CLI-11T 230V	110÷240V AC/DC
CLI-11T 24V	4÷30V DC
CLG-14T 230V	110÷240V AC/DC
maximum counting frequency	200Hz
RESET input	non-voltage type
display	6 characters / h 6.7mm
precision	1%±1digit
connection	screw terminals 1,5mm²
working temperature	-5÷50°C
dimensions	96×96×92mm
fixing hole	92×92mm

CLG-03

FUNCTIONING

CLG-03 is a programmable, multi-function electronic meter, enabling the counting of working hours of the connected devices or systems in 1 to 999 999 range, corresponding to 114 years of operation. Working time is counted according to an individual program, set by the user. After reaching the limiting value, the meter will configure itself according to individual user's needs.

zasilanie	24÷264V AC/DC
napięcie wejścia zliczającego	4÷264V
prąd obciążenia przekaźnika	8A
pobór mocy	1,5W
temperatura pracy	-20÷50°C
przyłącze	zaciski śrubowe 2,5mm²
wymiary	3 moduły (52,5mm)
montaż	na szynie TH-35

FUNCTIONS

* control panel, enabling programming and the monitoring of device operation
* T input for DC signal and AC signal 50 Hz
* counting time upwards without threshold value
* 'downward' counting mode to the selected value with zero value signaling (e.g. 9999 →0)
* counting working time with high state (constant voltage) at the T input
* counting working time between two pulses given at the T input
* counting time upwards to the selected threshold value
* external RESET input
* relay output signaling the preset meter state (contact1C/O 8A)
* relay action selection: pulse with set time length; ON→OFF or OFF→ON state change
* local and total meter state memory after supply failure
* limiting access to program menu using PIN code
* setting display illumination mode
* program menu in three languages: Polish, English or Russian