

MANUAL SMC+CPP

Comm.N°12476 matr.2345

MANUFACTURING COMPANY:	
CUSTOMER:	



OPERATION

- Turn on the Main switch with the OFF ON knob;
Attention danger of electrical voltage, the white mains light turns on, only authorized personnel can use the equipment;
- Restore the Emergency circuit by pressing the blue EMERGENCY RESET button, the relative blue light turns on;
- Yellow Fault light on, check the thermals inside the panel, they must be in the ON position, if they are not, check the electric motors, the connection cables of the electric motors and the presence of the correct power supply voltage of the electrical panel.
- Choose the operating mode with the MANUAL - 0 - AUTOMATIC selector:
 1. Position towards SX to work in Automatic;
 2. Vertical position to stop the machine;
 3. Position towards RIGHT to TEST the machine in MANUAL;
- The machine is made up of 1 SMC motor equipped with an absorbed current control relay, which stops the machine in case of excessive effort and turns on the relative signal lamp in front of the "SMC EFFORT" panel. Also downstream of the SMC there is a CPP engine.
- Yellow Overload light on, it means that the SMC motor has strained and its protection intervened during work, then the system has stopped, then press the emergency mushroom button. Check that the SMC is not blocked or obstructed by debris, if free reset with the Emergency Reset button.



MANUAL MODE

It is advisable to use the manual operation only in the first installation phase for the control and testing of the machine, or in case of maintenance and / or fault diagnosis. By placing the selector in the manual position it is possible to control each individual SMC, CPP, EV1 user respectively with its own button.

AUTO MODE

By placing the selector in the automatic position, if there is remote consent, the machine is enabled and waits for the presence of the work level to start.

If the machine is not in alarm, if the SMC level is ON, the CPP starts for the hysteresis time (T001 RIT ON CP) and the machine running light turns on.

After a certain time (T004 RIT ON SM) the SMC will also start.

If the level changes from ON to OFF after a certain time (T003 RIT OFF SM) the SMC stops. When the SMC is stopped, after the time (T006 RIT OFF CP) the CPP also stops. The CPP also has a solenoid valve for washing, which is activated only when it is running automatically. The valve works in pause / work mode. The ON-OFF times can be set with the Timer (T007 ON-OFF EV1)

CONSENT

- On the terminal board there is a clean contact for FAULT signaling (terminals 8.3-8.4) which closes when the machine is in alarm:
 - any of the motor protectors tripped
 - emergency circuit not restored
 - SMC effort.
- On the terminal board there is a clean contact (terminals 8.5-8.6) which closes when the machine is in automatic mode and the CPP motor is running.
- On the terminal board there is a clean contact (terminals 11.10-11.11) which closes when the machine is in automatic mode.
- On the terminal board there is a contact powered at 24vdc (terminals 11.5-11.9) which enables automatic remote operation (1 = auto ON 0 = auto OFF).

INPUT

IN LOGO	DESCRIPTION
I1	SMC-CPP Thermal Alarm (1=NO ALARM, 0 =ALARM)
I2	SMC Level ON (1=ON)
I3	Selector in Manual Position (1=MANUAL)
I4	Selector in Automatic Position (1=AUTO)
I5	Manual CPP ON/OFF (1=ON)
I6	Manual SMC ON/OFF (1=ON)
I7	Auxiliary On (1=ON 0=EMERGENCY ALARM)
I8	Manual EV1 ON/OFF (1=ON)

OUTPUT

OUT LOGO	DESCRIPTION
Q1	FAULT TO LIGHT AND TO REMOTE CONTROL
Q2	CPP MOTOR COMMAND
Q3	SMC MOTOR COMMAND
Q4	EV1 VALVE COMMAND

SETTINGS

The PLC Logo is equipped with an LCD Display to be able to carry out diagnostics of Inputs, Outputs, Memories and to Set Date and Time, Network Configuration and above all to Set the Working Parameters, the Timers.

TIMER

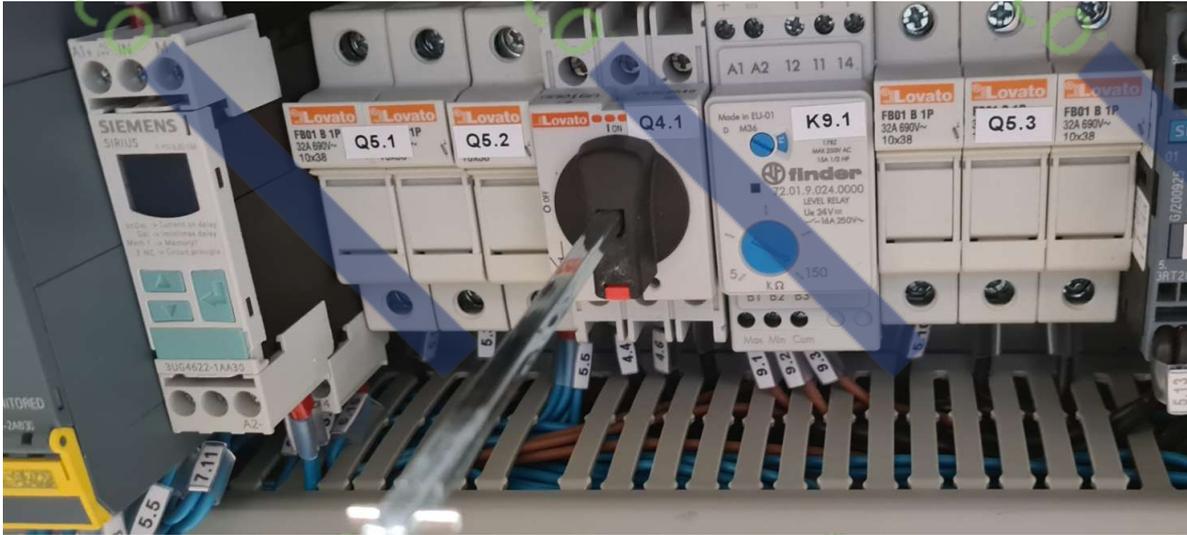
PARAMETRI LOGO	VALORE DEFAULT	DESCRIZIONE
T001 RIT ON CP	10 sec	START DELAY CPP
T004 RIT ON SM	10 sec	START DELAY SMC
T003 RIT OFF SM	10 sec	STOP DELAY SMC
T006 RIT OFF CP	10 sec	STOP DELAY CPP
T007 ON-OFF EV1	5 sec / 5 sec	WORK TIMER ON-OFF EV1
T008 BLINK FAULT	1 sec / 1 sec	BLINK FAULT

The procedure for interacting with the LOGO is to turn off the electrical panel

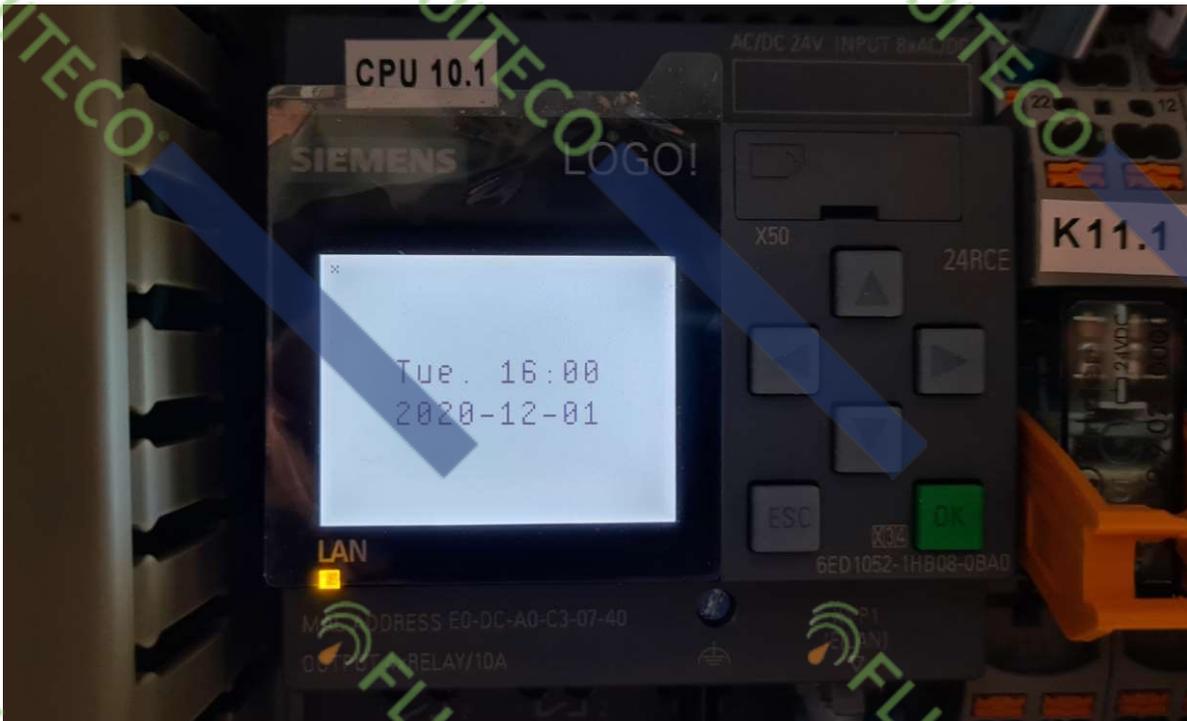


MANUAL

Open the door and turn on the main switch with the door open,
NOTE: Only qualified personnel can configure the Work Timers



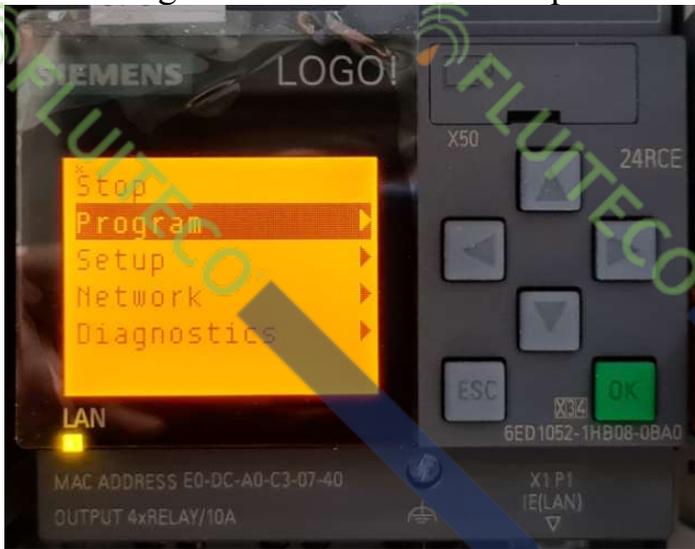
LOGO is ON and show date and time



Press the ESC button



Select Program with the arrows and press OK



Select Set Parameter with the arrows and press OK



The List of Timers appears as shown in the table



Select the desired Timer with the arrows and press OK



Press OK to edit the value and use the arrows to set the desired value



Press OK to confirm the modification or ESC to exit the modification
The new setting takes effect immediately

Press ESC many times until you return to the Date-TIME page

