

HP19

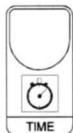
SL 3.0
Multi-Timer

Handbook



MAIN SETTINGS (Run mode)

TIMES SETTINGS



Press **TIME**:

This message will be displayed instead of the *Set On Time*.

Press + o - to modify, press **TIME** to confirm.

t.on

10"

Example t.on = 10 Seconds

At this point: this message will be displayed instead of the *Set Off Time*.

Press + o - to modify, press **TIME** to confirm.

t.oF

20"

Example t.oF = 20 Seconds

In normal operating conditions is displayed elapsed time or count-down time (see **COST** function *Coun*).

* Measurement unit is established in **COST** function *tYPE*.

9.9"

tyPE=1

Seconds with decimal
(Example 9.9 Seconds)

10"

tyPE=2

Seconds
(example 10 Seconds)

9.9'

tyPE=3

Minutes with decimal
(Example 9.9 Minutes:
0.1 Min = 6 Seconds)

10'

tyPE=4

Minutes
(Example 10 Minutes)

"HAND MODE"



In some start-up conditions may be useful to work in "hand" mode.

Power off the processor, press + key and keep it pressed giving power on:

HAnd message will be displayed (release now + key).

Push + (1 is displayed) and push **TIME** for activating relay.

You can press **TIME** for a least two seconds to escape and return to the *Run Mode*.

PRESET PROGRAMS



This processor is ready programmed with the following (variable) settings.

To return to these settings at any time:

Power off the processor, press **TIME** key and keep it pressed giving power on: release **TIME** key when on the screen appear **boof** message.

t.on = 10" **t.oF = 20"**

The **COST** values are shown in **COST** paragraphs.

COST PROGRAMMING (System constants)

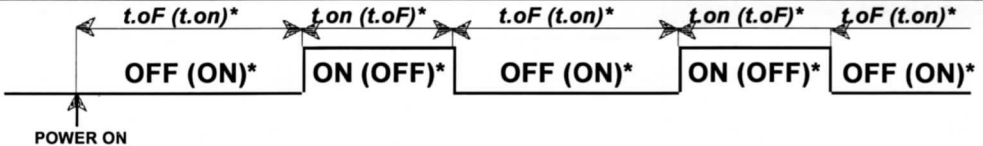


- These settings refer to the mode operation of the system and must be made on initial start-up. Press - / + together for at least one second: the message **C.O.S.t.** will be displayed.
- Press than repeatedly **TIME** until interested variable's message is displayed (see table below) : variable value and related message will be displayed.
- Press + or - to set a new value and then **TIME** to confirm.
The next system constant will then appear.
- You can press **TIME** for a least two second to escape and return to the *Run Mode* .

Mess.	Value	Meaning	Note
tYPE	=2	Time measurement unit	*1)
Coun	=1	Time representation mode	*2)
Star	=1	Start relay type	*3)

- *1) =1 : Seconds with decimal (Example 9.9").
 =2 : Seconds (Example 9").
 =3 : Minutes with decimal (Exemple 9.9').
 =4 : Minutes (Example 9').
- *2) =1 : Increase time.
 =2 : Decrease time.
- *3) At power on event system can start in two different modes:
 =1 : Start at power on with ON state.
 =2 : Start at power on with OFF state.

OPERATION



* Start at power on depends on **COST** function **Star** choosed).

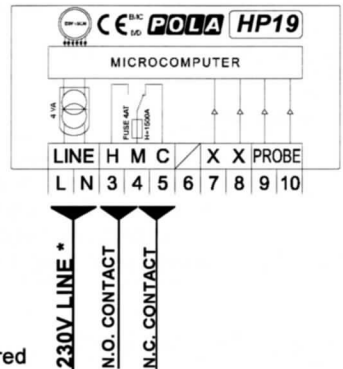
INSTALLATION

How to connect the line

Connect line on terminals **L-N**.
 Protect supply with adequate fuse.

How to connect the contacts

Connect terminals **3-4-5** on the terminal block (contacts up to 4AMP.AC1).



* Other power voltage if you required