TIMER-DIG



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SAFETY and PROPER USAGE

To ensure safe and enduring performance of this product, you must comply strictly with the instructions enclosed herein. Non-compliance with instructions or improper handling of the product will void your warranty! This product is designed for use exclusively with types of fluids or gasses as stated in its documentation. Usage of this product in conditions not specified in the product documentation or contrary to the instructions hereby provided is considered IMPROPER. The manufacturer will not be held liable for any damages resulting from improper use of the product.

ATTENTION

- Observe valid and generally accepted safety rules when planning. Installing and using this product.
- Take proper measures to prevent unintentional operation of the product or damage to it.
- Do not attempt to disassemble this product or lines in the system while they are under pressure.
- Always turn off the voltage supply before working on the system.

It is important that personnel use safe working practices and observe all regulations and legal requirements for safety when operating this product. When handling, operating or carrying out maintenance on this product, personnel must employ safe engineering practices and observe all local health & safety requirements & regulations. International users refer to regulations that prevail within the country of installation. Most accidents which occur during the operation and maintenance of machinery are the result of failure to observe basic safety rules or precautions. An accident can often be avoided by recognising a situation that is potentially dangerous. Improper operation or maintenance of this product could be dangerous and result in an accident causing injury or death. The manufacturer cannot anticipate every possible circumstance which may represent a potential hazard. The WARNINGS in this manual cover the most common potential hazards and are therefore not all-inclusive. If the user employs an operating procedure, an item of equipment or a method of working which is not specifically recommended by the manufacturer he must ensure that the product will not be damaged or made unsafe and that there is no risk to persons or property.

PLEASE NOTE: YOUR WARRANTY WILL BE INVALIDATED IF THE EQUIPMENT HAS NOT BEEN INSTALLED OR MAINTAINED IN ACCORDANCE WITH THESE INSTRUCTIONS.

SAFETY

Switch off the voltage supply before Installation or maintenance is carried out!

1)

Connect the DIN connector back on to the timer as illustrated and make sure the gasket is securely in place and tighten the screw (max.1Nm)
The unit will be IP65 when properly installed.



2)

Switch ON the power.
Note: the voltage must comply with the voltage mentioned on the coil

3)

When the unit is installed correctly and operational, you can change the pre-set values to anything ranging from 0.5 sec to 99 sec. for the ON time.
To change the ON time simply press the left ‘on’ button for 3 sec. and ‘sec’ will start flashing on the display.
The previously set ON time will appear on the display and the ‘on’ led will be on.
You can now press the left ‘on’ button for increasing the time or the right ‘off’ button to decrease the time.

N.B.: from 0 sec. to 9,5 sec., step of 0,5 sec.
from 10 sec. to 99 sec., step of 1 sec.



4)

Press the “test/enter” button to confirm your choise



5)

You can change the pre-set values to anything ranging from 0.5 min to 99 min. for the OFF time.
To change the OFF time simply press the right ‘off’ button for 3 sec. and ‘min’ will start flashing y on the display.
The previously set OFF time will appear on the display and the ‘off’ led will be on.
You can now press the left ‘on’ button for increasing the time or the right ‘off’ button to decrease the time.

N.B.: from 0 min. to 9,5 min., step of 0,5 min.
from 10 min. to 99 min., step of 1 min.



6)

Press the “test/enter” button to confirm your choise

HTP part number: **TIMER-DIG**

Digital Timer
ON TIME: from 0,5s to 99 s
OFF TIME: from 0,5min to 99min



Technical data

Product type	Digital timer
Supply Voltage	24...240V AC/DC
Max.Current	1A
Current consumption	4mA max
Switch holding voltage	400V max
Inrush current	10A for 10ms
Duty cycle	100% ED
Switch life	$3x10^8$
Repeat accuracy	±0.01%
Operating temperature range	-10°C...+50°C
Design standard	VDE 0110-1/89
Protection class	IP65 assembled
Connection	DIN43650/A/ISO4400
Earth h.	h.12
OFF time	From 0min to 9.5min., step 0.5min. From 10min. to 99min., step 1min.
ON time	From 0s. - 9.5 s., step 0.5 s. From 10s. to 99s., step 1 s.
Indicators	GREEN LED: OFF phase RED LED: ON phase
Flat Gasket	NBR
Fixing screw	M3X51,5mm
Housing material	ABS V0
Housing colour	Black

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