

Timer drain: Instructions and operations logic

About this operating manual:

This operating manual is directed to persons working on and with Timer Drain and air pressure devices. We point out that these persons have to be qualified personnel who are familiar with handling compressed air systems and electrical systems. We also recommended that commissioning and maintenance be carried out by authorised service partners.

Timer drain removes condensate from all compressed air devices by using a solenoid valve in combination with an electronic timer

Features:

- ❖ *Compact design.*
- ❖ *Simple to install and fully automatic.*
- ❖ *Large orifice for a reliable discharge also against emulsified condensate.*
- ❖ *Configured with an integrated ball-valve and strainer with double inlet thread $\frac{1}{2}$ "M and $\frac{1}{4}$ "F.*
- ❖ *Integrated strainer easy to clean.*
- ❖ *Two potentiometers to set time ON and time OFF to suit any size compressed air devices.*
- ❖ *Two LEDs allow to visual the operating status.*
- ❖ *Test button to condensate manually and check the valve function.*
- ❖ *Operating pressure up to 16bar.*
- ❖ *NPT connections available for version 115V.*
- ❖ *Supplied with connector plug type A (DIN43650A).*



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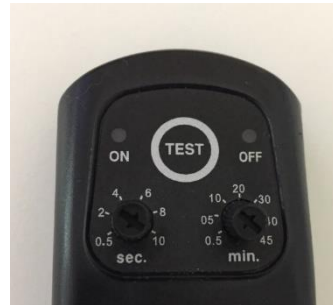
Operation logic:

Two adjustable potentiometers allow to set the discharge time (ON) and the interval time (OFF).

The LEDs display shows the operating status.

The TEST button in the middle allows to discharge the condensate manually and check the valve operation.

1. Time ON → discharge time from 0,5 to 10 sec.
2. Time OFF → interval time from 0,5 to 45 min.



Technical data:

Type = Electronic timer condensate drain.

Application = any type or size of compressed air devices (dryers, filters, receivers, aftercoolers, etc).

Power supply = 24-115-230V 50/60Hz (see table below & check specifications on timer and solenoid valve)

Operating pressure = 0,2/16 bar (3/232 psi)

Operating temperature = +1°C/+60°C, +34°F/+140°F

Insulation, protect class = IP65

Power connection = solenoid plug type A DIN 43650-A, ISO 4400

Inlet connections = G (NPT) ½" – ¼"

Outlet connection = hose barb for plastic tube Ø10mm

Weight = 0,7 Kg

Applicable directives:

- Electromagnetic compatibility - 2014/30/EU
- Low voltage equipment - 2014/35/EU

Configurations:

Product No.	Description
8102 0481 76	CDT 230V
8102 0481 77	CDT 115V
8102 0481 78	CDT G 24Vac
8102 0481 79	CDT N 24Vac

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Dimensions:

