

canfield connector
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SANDWICH CRT

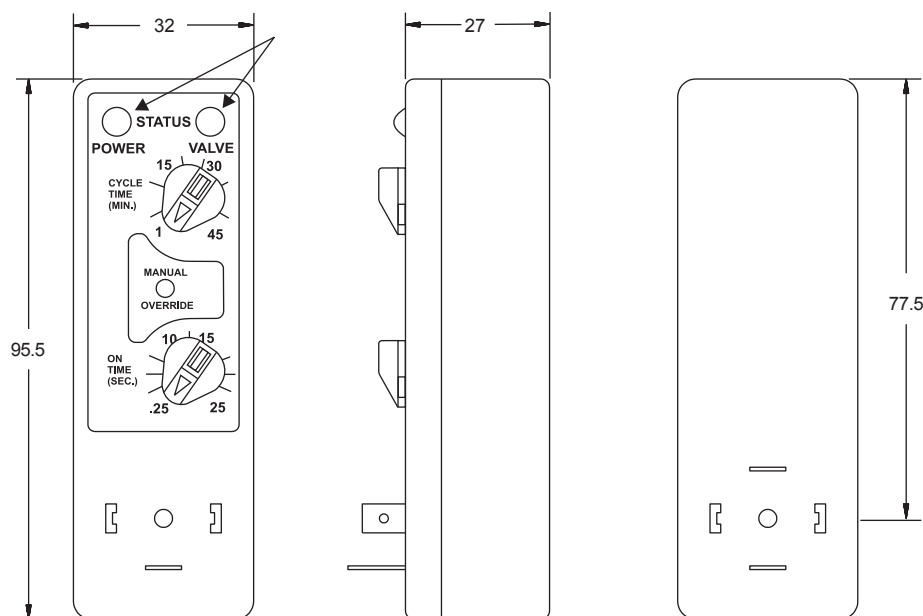
CONDENSATION REMOVAL TIMER (CRT)

General Description

This Canfield Connector miniature timer makes any valve, with the DIN 43650 Form "A"/ISO 4400, EN175301-803:2000 electrical interface, able to operate as a compressed air system condensate removal valve. The unit installs in a modular form between an existing coil and connector. No new wiring is necessary. Retrofits on virtually any installation. It works with the valve brand of your choice. The cycle and on times are easily adjustable and two indicator lights show status.

Dimensional Data

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED



DIN 43650 Form "A" / ISO 4400,
 EN175301-803:2000 male
 Connector on Front.

DIN 43650 Form "A" / ISO
 4400, EN175301-803:2000
 female Connector on Rear.
 Timer can be rotated 180°.



Consult factory for available versions listed
 by Canadian Standards Association for use
 with certified electrical equipment.

Adjust by hand or screwdriver
 LEDs can be seen from side view.

Technical Data

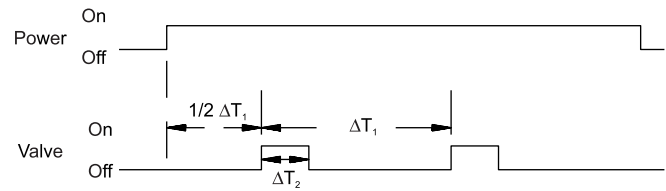
- Voltage ranges: 12 to 60 VDC
 12 to 240 VAC 50/60 Hz
- Current draw: 1 Amp max. AC
 1 Amp max. DC
- Ambient temperature range: -20° to +65°C
- ISO DIN interface: DIN 43650 Form "A" / ISO 4400,
 EN175301-803:2000
- Transient suppression: AC – MOV
 DC – Diode

Features

- Make any valve a condensate removal system
- Environmental protection: dust tight and water resistant
- All solid state; No moving parts to wear
- Indicator lights standard for power and valve status
- Optional 6 ft PVC cable w/grounded plug available
- Manual override switch

Timer Function

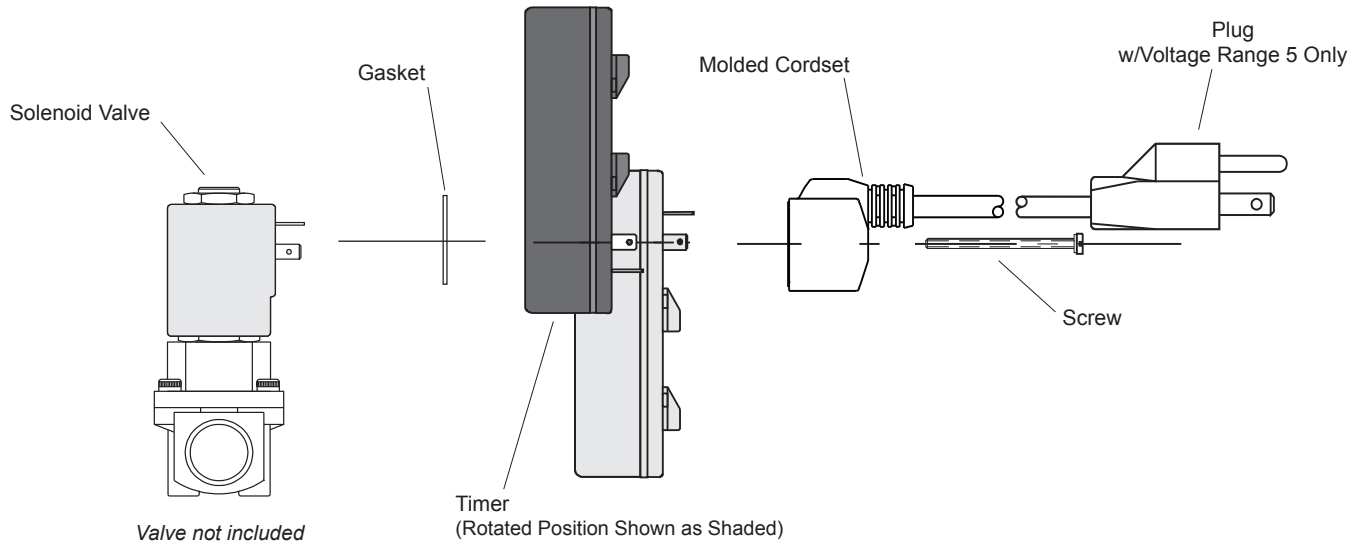
Upon application of power to the input terminals, the OFF time is initiated. At the end of the preset CYCLE time, the solenoid is energized and the ON time begins. At the end of the preset ON time, power is removed from the solenoid and a new cycle begins. Cycling continues until power is removed from the input terminals.



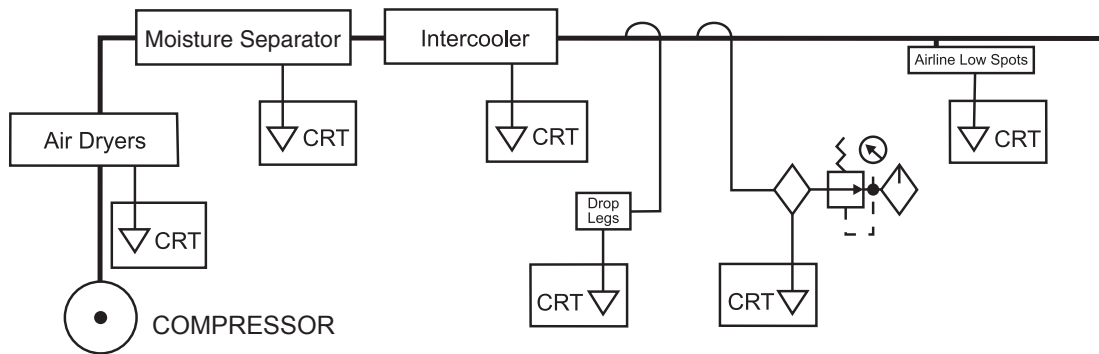
ΔT_1 = Cycle Rate (1 min. to 45 min.)

ΔT_2 = Valve ON Time (.25 sec. to 25 sec.)

Installation



Applications



Ordering Information

Power Connection

- 0 - Without connector
- 1 - With molded DIN connector and cordset
- 2 - With ISO 1/2" conduit connector
- 3 - With molded DIN connector, 6' wire

5940 - 0000

Voltage Range

- 2 - 12 - 60 VDC
- 4 - 12 - 120 VAC
- 5 - 120 - 240 VAC

Ordering Example:

5940 - 10005

Sandwich Timer (CRT) with molded DIN connector and cordset, 120 to 240 VAC

Custom Time Ranges are Available.
Consult Factory for Details.