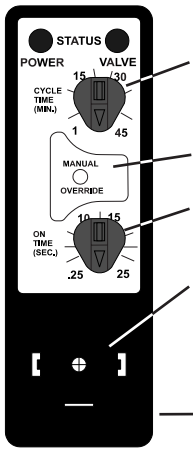
canfield connector
8510 Foxwood Court
Youngstown, Ohio 44514
(330) 758-8299 Fax: (330) 758-8912
www.canfieldconnector.com

CRT

DC MODEL CRT / DC SANDWICH CRT
INSTALLATION GUIDE

Timer Adjustment

Sandwich Timer #2



Cycle Time Adjustment
1 to 45 Minutes

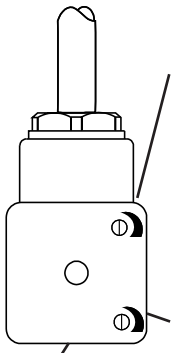
Manual Override

ON Time Adjustment (Purge)
.25 to 25 Seconds

DIN 43650
Male ISO Connector

On Reverse Side DIN 43650 Female Interface
180° Rotatable

Connector Style #1



Clock-wise To Increase ON Time Interval From .25 to 25 Seconds. 15 Turns Nominal Adjustment (Approx. 1.7 Sec. Per Turn).

Clock-wise To Increase OFF Time Interval From 1 to 45 Minutes. 15 Turns Nominal Adjustment (Approx. 3.0 Min. Per Turn).

Adjustment

DC Connector CRT
When first adjusting the connector CRT determine the approximate ON Time and OFF Time for your application. Adjust the screws CCW at least 20 full turns. This way it is sure to be adjusted to its lowest values (1 min. OFF, .25 sec. ON).

DC Sandwich CRT
Adjust the timer by turning the dimple in the adjustment wheel to correspond to the numerical number on the timer bezel.

Electrical Characteristics

Parameter	Min.	Max.
Supply Voltage	12VDC	240VDC Connector CRT
Supply Voltage	12VDC	60VDC Sandwich CRT
Supply Current	-	.010 Amps
Output Current	-	1.0 Amp
Output Voltage	= (Supply - 2) VDC	= Supply

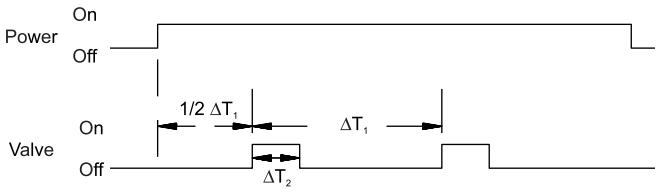
Environmental Characteristics

Temperature Range -20 °C +65 °C
Connector Enclosure Designed to IP 65 / NEMA 4 Specifications.

Timer Function

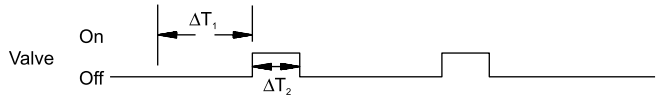
Sandwich CRT

ΔT_1 = Cycle Time (1 min. to 45 min.)
ΔT_2 = Valve ON Time (.25 sec to 25 sec.)

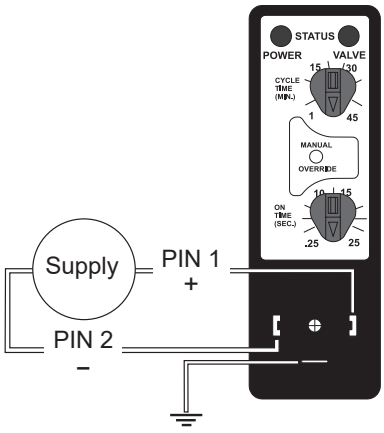


Connector CRT

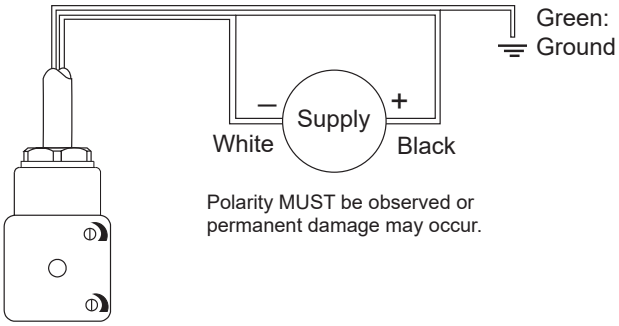
ΔT_1 = Valve OFF Time (1 min. to 45 min.)
ΔT_2 = Valve ON Time (.25 sec to 25 sec.)



Hook Up Diagram



Mating Connection
Molded DIN Connector
BRN - PIN 1
BLU - PIN 2
YEL/GRN - GND



Polarity MUST be observed or permanent damage may occur.

Assembly Options

