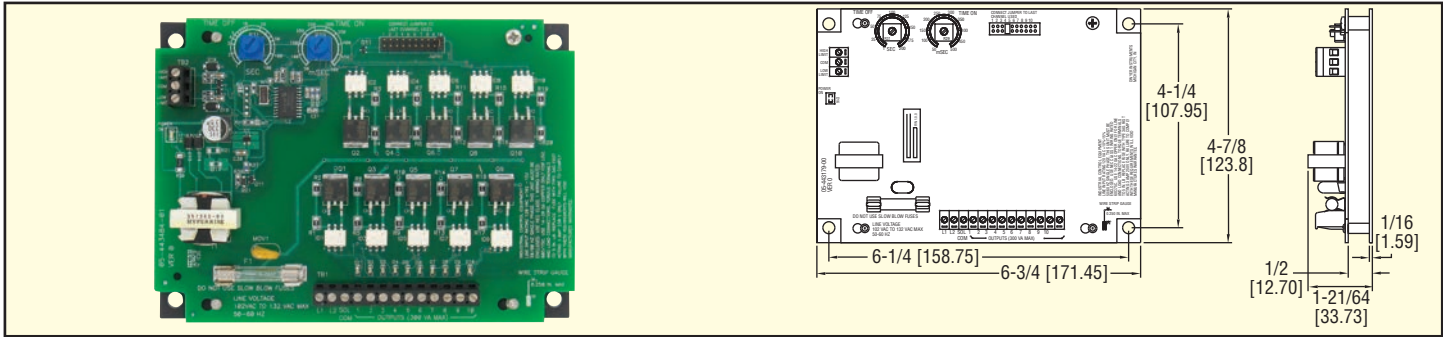




Series
DCT500A

Low Cost Timer Controller

Compact, Easy to Use; 4, 6 or 10 Channels



Ideal for pneumatic conveying systems, the Series DCT500A Low Cost Timer Controller is designed to provide continuous or on-demand cleaning for receivers and pulse jet systems. Available in either 4, 6 or 10 channels, each unit is the same size, minimizing enclosure space and reducing overall system installation cost.

The DCT500A is simple and easy to use. Time-On and Time-Off settings are selected using two potentiometers. High Limit and Low Limit control inputs are provided for use with on demand systems. The new enhanced board circuitry of the DCT500A synchronizes the on-time pulse to the power line to achieve a pulse stability of ± 1 msec.

For added safety, the control circuitry including the control inputs are isolated from the line voltage.

To meet your system requirements, an optional weatherproof enclosure is available. For on demand systems, a Dwyer Series A3000 Photohelic® gage or Series 1800 Pressure Switch may be used with the DCT500A.

Model	Description	No. of Channels
DCT504A	Timer Controller	4
DCT506A	Timer Controller	6
DCT510A	Timer Controller	10

SPECIFICATIONS*

Output Channels: 4, 6, & 10 channels.

Power Requirements: 102 to 132 VAC 50 or 60 Hz.

Power Consumption: 2.5 W.

Solenoid Supply: 3 A max per channel.

Fuse: Type 3 AG, 3 A @ 250 VAC.

Temperature Limits: -40 to 140°F (-40 to 60°C).

Storage Temperature Limits:

-40 to 176°F (-40 to 80°C).

On Time: 50 ms to 500 ms.

On Time Accuracy: ± 10 ms.

On Time Stability: ± 1 ms.

Off Time: 1 second to 180 seconds.

Off Time Accuracy: $\pm 5\%$ of setting.

Weight: 9 oz (255 g).

Agency Approval: CE, cUL, UL.

*Additional specifications on IOM.

OPTIONS

L, Mounting Bracket for Field Retrofits:

8-1/4" x 6-1/4" (209.55 mm x 158.75 mm)

WP, Weatherproof Housing:

Standard Models

Models with Option -L Mounting Bracket