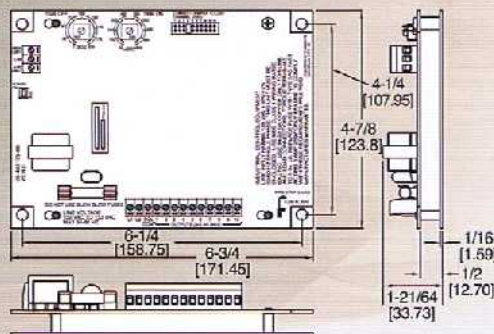
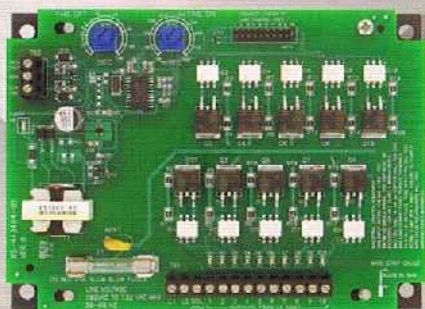


SERIES DCT500A - LOW COST TIMER CONTROLLER

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. 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.

SPECIFICATIONS

Output Channels: 4, 6, & 10 channels.

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

Power Consumption: 2.5 W.

Solenoid Supply: 3A max. per channel.

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

Temperature Limits: -40 to 176°F (-40 to 80°C).

Storage Temperature Limits: -40 to 176°F (-40 to 80°C).

On Time: 50 msec to 500 msec.

On Time Accuracy: ±10 msec.

Off Time: 1 second to 200 seconds.

Off Time Accuracy: ±5% of setting.

Weight: 9 oz (255 g).

Agency Approvals: UL, cUL, CE pending.

MODELS

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

COMPLETE CONTROL PACKAGES

for the Series DCT1000, Series DCT500A and DCT600



DCT in optional Explosion-proof Enclosure



DCT500A - NEMA 4/4X Weatherproof Enclosure

ENCLOSURE PACKAGES

DCT10XX-WP - DCT1000 mounted in Weatherproof Housing

DCT10XX-DCPX00-WPP - Weatherproof Housing with Pressure Ports

DCT10XX-DCPX00-WPPS - Weatherproof Housing with Pressure Ports, Three Position Rotary Switch Installed

DCT5XXA-WP - DCT500A Mounted in Weatherproof Enclosure

DCT6XX-WP - DCT600 Mounted in Weatherproof Enclosure

DCT10XX-EXPL - DCT1000 mounted in Explosion-proof Housing

DCTS3212 - DCT1022 with 22 channel expander and DCP100 pressure module mounted in large weatherproof enclosure. DCP100 connected with tubing to pressure fittings on enclosure. (Various combinations of this package are available, consult factory.)

ACCESSORIES

DCA, Channel expander cable available in 1 ft, 2 ft, and 4 ft lengths

Series 1000, Process Indicator

Series 1010, Process Indicator with Alarm



DCT1000 - NEMA 4/4X Weatherproof Enclosure



44 Channel Package