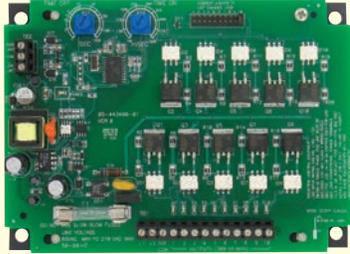




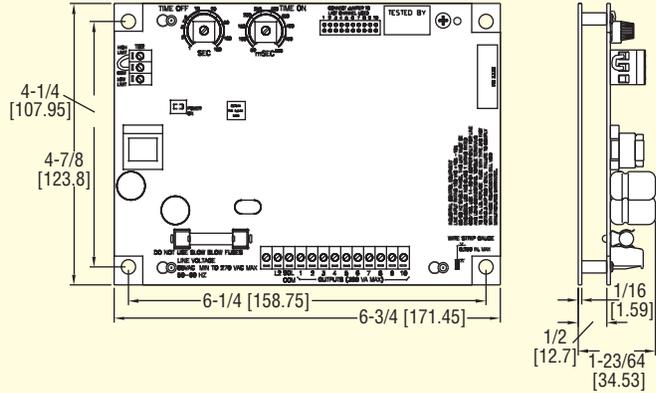
Series  
DCT600

# Timer Controller

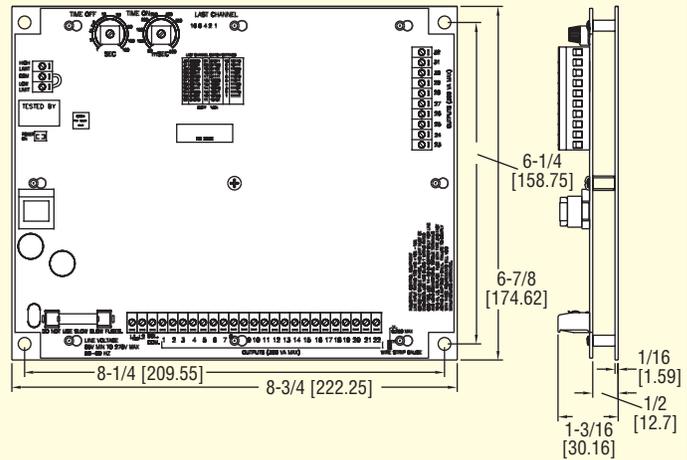
With Universal Power For Both 120 and 220 VAC



4 thru 10 channel boards



22 and 32 channel board



The Series DCT600 Timer Controller is a timing system for pulse-jet type dust collectors or pneumatic conveying systems in either continuous or on-demand cleaning applications. It provides either 4, 6, 10, 22 or 32 channels. The DCT600 was designed for ease of installation in your dust collector system. For installations requiring fewer channels than available on the board, a shorting plug (DCT604 & DCT610) or dip switches (DCT622 & DCT632) allows selection of the last used channel. 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. Units can also work in continuous clean mode. The new enhanced board circuitry of the DCT600 synchronizes the on-time pulse to the power line to achieve a pulse stability of  $\pm 1$  msec. For safety, the control circuitry including the control inputs and the last channel jumper is isolated from the power line.

**SPECIFICATIONS\***

- Output Channels:** 4, 6, 10, 22 and 32 channels available.
- Power Requirements:** 85 to 270 VAC.
- Power Consumption:** 1.2 W.
- Solenoid Supply:** 300 VA.
- 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:**  $\pm 5\%$  of setting.
- On Time Stability:**  $\pm 1$  ms.
- Off Time:** 1 s to 180 s.
- Off Time Accuracy:** 5% of setting.
- Weight:** 9 oz (255 g).
- Agency Approvals:** CE, cUL, UL.

\*Additional specifications on IOM.

**OPTIONS**

- WP, Weatherproof Housing**
  - 4 thru 10 channel only
  - 22 & 32 channels
- L, Mounting Bracket for Field Retrofits (4, 6 or 10 channel boards only):** 8-1/4" x 6-1/4" (209.55 mm x 158.75 mm)

**Note:** L mounting bracket available with 4, 6, or 10 channel models only.

Model	Description	No. of Channels
DCT604	Timer Controller	4
DCT606	Timer Controller	6
DCT610	Timer Controller	10
DCT622	Timer Controller	22
DCT632	Timer Controller	32