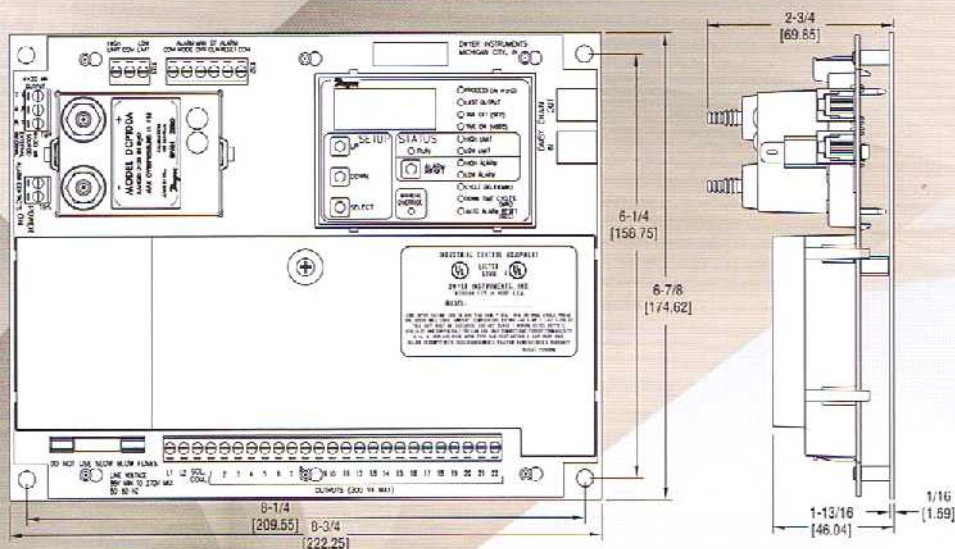


SERIES DCT1000 - DUST COLLECTOR TIMER CONTROLLER

with Optional DCP Pressure Module



Minimize Your Inventory Requirements:

- Universal power supply accepts 85-270 VAC/VDC at either 50 or 60 Hz. Allows usage in both domestic and overseas installations.
- Modular design allows for use as a continuous cleaning control, or on-demand cleaning control using the plug-in pressure module.
- Mounting holes are standard to other dust collector controllers used in the industry, allowing you to use the DCT1000 for existing installations.
- The DCT1000 is the same size for 6, 10 and 22 channels. One board size means you standardize on one enclosure.

Reduce Need For External Input Devices – What You Need Is All On One Board:

- Alarm relays integral to the DCP plug-in pressure module. Eliminate the additional cost for a pressure switch.
- 4-20 mA process output integral to the DCP plug-in pressure module. No need to purchase an expensive process transmitter.
- Latching relays and jumper wires are eliminated for large installations requiring channel expanders. Each channel expander connected is automatically detected by the DCT1000.

Reduce Field Service Headaches:

- One board means one simple solution to your dust collection control requirements.

SPECIFICATIONS

DCT1000 Timer Controller:

Output Channels: 6, 10, & 22 channels. Expandable to 255 channels using DCT1122 & DCT1110 channel expander boards.

Power Requirements: 85 to 270 VAC/VDC, 50 or 60 Hz.

Power Consumption: 5 W.

Solenoid Supply: 3A maximum per channel.

Fuse: 3A @ 250 VAC. Low voltage control circuitry is isolated from the line voltage for system safety.

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

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

On Time: 10 msec to 600 msec, 10 msec steps.

On Time Accuracy: +/- 10 msec.

Off Time: 1 second to 255 seconds, 1 second steps.

Off Time Accuracy: ±1% of the value or ±50 msec, whichever is greater.

Weight: 1 lb 3.0 oz (538.6 g).

Agency Approvals: UL, cUL.

DCP Pressure Module:

Pressure Ranges: 10" w.c. or 20" w.c.

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

Pressure Limit: 10 psi (68.95 kPa).

Pressure Limit (differential): 10 psi (68.95 kPa).

Accuracy: +/- 1.5% F.S. @ 73°F (22.8°C).

Output Signal: 4-20 mA.

Alarm Contacts: 1.5A inductive load, 3A resistive load @ 30 VAC or 40 VDC.

Process Connections: Two barbed connections for use with 1/8" (3.18 mm) or 3/16" (4.76 mm) I.D. tubing.

Weight: 5.5 oz (155.9 g).

MODELS

Model Number	Description	No. of Channels	D.P. Range
DCT1022	Master Controller	22	
DCT1010	Master Controller	10	
DCT1006	Master Controller	6	
DCT1122	Channel Expander	22	
DCT1110	Channel Expander	10	
DCP200A	Pressure Module		20" w.c.
DCP100A	Pressure Module		10" w.c.