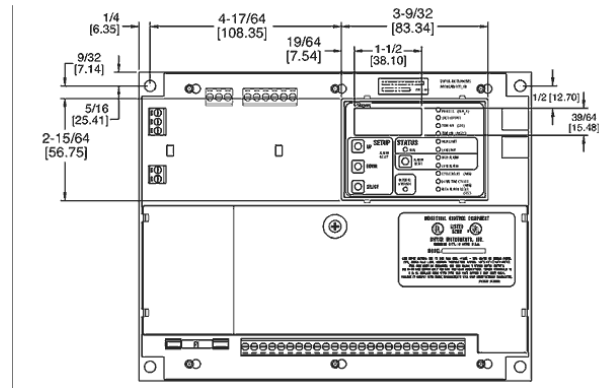
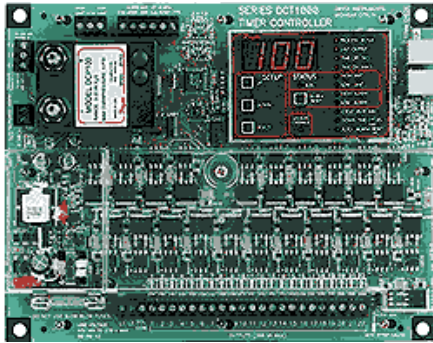


DUST COLLECTOR TIMER CONTROLLER DCT1000

Modular Design, User Friendly, Up to 22 Channels



Simplify your on-demand cleaning requirements with the Series DCT1000 Dust Collector Timer Controller. Relying on one timer board for on-demand and continuous cleaning applications, the DCT1000 eliminates external devices such as pressure switches, relays and timers.

Offering a universal power supply, the DCT1000 accepts 85-270 VAC/VDC at either 50 or 60 Hz for both domestic and overseas requirements. The units modular design allows for use as a continuous cleaning control or on-demand cleaning control using the optional plug-in pressure module. A 4-20 mA process output is integral to the plug-in pressure module, eliminating the need to purchase an expensive process transmitter. Mounting holes are standard to other dust collector controllers used in the industry, allowing you to use the DCT1000 for existing installations.

In addition, the DCT1000 is the same size for 6, 10 and 22 channels. One board size allows the standardization on one enclosure. Latching relays and jumper wires are eliminated for large installations requiring channel expanders. Each channel expander connected is automatically detected.

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, 50 or 60 Hz.

Solenoid Supply: 300 VA max.

Fuse: 3 A @ 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 140°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.

DCT Pressure Module:

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

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

Pressure Limits: 10 psi (68.95 kPa).

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

Accuracy: ±1.5% F.S. @ 73°F (22.8°C).

Output Signal: 4-20 mA.

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).