

SERIES DCT1000 | DUST COLLECTOR TIMER CONTROLLER

FEATURES/BENEFITS

- Universal power requirements
- Standard mounting holes to other dust collector controllers for use in existing installations
- Able to automatically detect any channel expander connected

APPLICATIONS

- Dust collection
- Pneumatic conveying

DESCRIPTION

The **Series DCT1000 Dust Controller Timer Controller** simplifies on-demand cleaning requirements by eliminating the need for external devices such as pressure switches, relays, and timers. The modular design allows for use as a continuous cleaning control or on-demand cleaning control using the optional plug-in pressure module. The DCT1000 is the same size for 6, 10, and 22 channels, allowing one board size to be the standard on one enclosure.

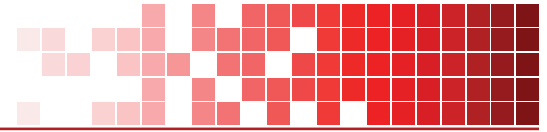


SPECIFICATIONS

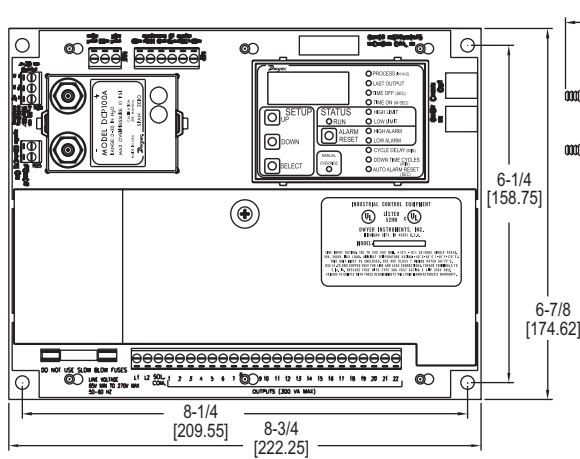
Output Channels	6, 10 & 22 channels available. Expandable to 255 channels using DCT1122 & DCT1110 channel expander boards.
Power Requirements	85 to 270 VAC, 50 or 60 Hz.
Power Consumption	5 W.
Solenoid Supply	3A maximum per channel.
Fuse	3 A @ 250 VAC. Low voltage control circuitry is isolated from the line voltage for system safety.
Temperature Limits	-40 to 140°F (-40 to 60°C).
Storage Temperature Limits	-40 to 176°F (-40 to 80°C).
On Time	10 msec to 600 msec, 10 msec steps.
On Time Accuracy	±10 msec.
Off-Time	1 s to 255 s, 1 s 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	cUL, UL.



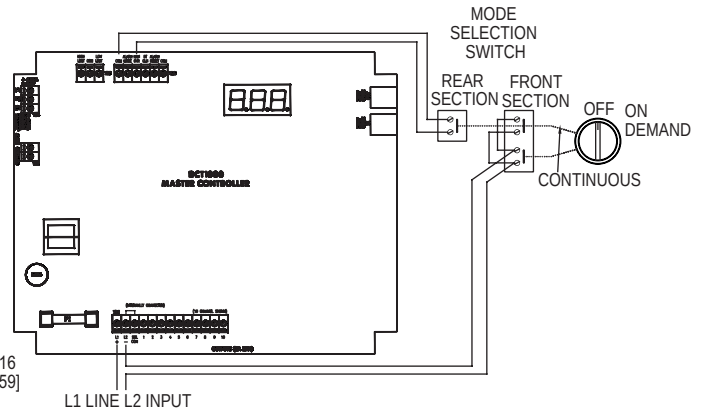
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DIMENSIONS



WIRING DIAGRAM



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

SERIES

DCT10: Dust Collector Timer Controller
DCT11: Channel Expander

NUMBER OF CHANNELS

06: 6 channels
10: 10 channels
22: 22 channels

DCT10 **06** **-WP**

OPTIONS

-AT: Aluminum tag
 -COC: Certificate of conformance
 -COO: Certificate of US origin
 -DCP100A: Pressure module 10 in w.c.
 -ST: Stainless steel tag
 -DCP200A: Pressure module 20 in w.c.
 -WP: Weatherproof housing only
 -WPP: Weatherproof housing w/ pressure ports
 -WPPS: Weatherproof housing w/ pressure ports, three position rotary switch
 -EXPL: Explosion-proof housing

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