

## 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.

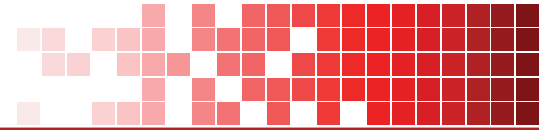


### SPECIFICATIONS

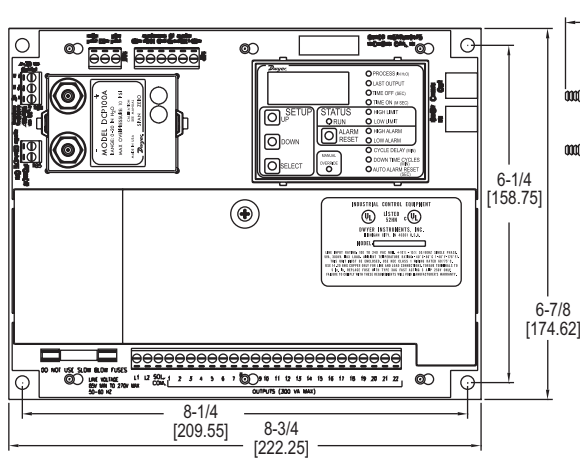
<b>Output Channels</b>	6, 10 & 22 channels available. Expandable to 255 channels using DCT1122 & DCT1110 channel expander boards.
<b>Power Requirements</b>	85 to 270 VAC, 50 or 60 Hz.
<b>Power Consumption</b>	5 W.
<b>Solenoid Supply</b>	3A maximum per channel.
<b>Fuse</b>	3 A @ 250 VAC. Low voltage control circuitry is isolated from the line voltage for system safety.
<b>Temperature Limits</b>	-40 to 140°F (-40 to 60°C).
<b>Storage Temperature Limits</b>	-40 to 176°F (-40 to 80°C).
<b>On Time</b>	10 msec to 600 msec, 10 msec steps.
<b>On Time Accuracy</b>	±10 msec.
<b>Off-Time</b>	1 s to 255 s, 1 s steps.
<b>Off-Time Accuracy</b>	±1% of the value or ±50 msec, whichever is greater.
<b>Weight</b>	1 lb, 3.0 oz (538.6 g).
<b>Agency Approvals</b>	cUL, UL.



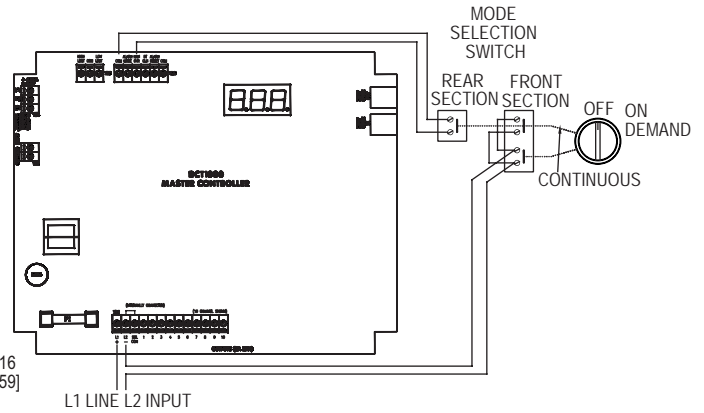
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## DIMENSIONS



## 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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DS-DCT1000 | 8/18