DUST COLLECTOR TIMER CONTROLLER
Modular Design, User Friendly, Up to 22 Channels

The Series DCT1000 Dust Collector 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.

FEATURES/BENEFITS
• Universal power requirements for both domestic and overseas use
• 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

SPECIFICATIONS
DCT1000 TIMER CONTROLLER
Output Channels: 6, 10, & 22 channels.
Expandable to 255 channels using DCT1122 & DCT1110 channel expander boards.
Power Requirements: 85-270 VAC, 50 or 60 Hz.
Power Consumption: 5 W.
Solenoid Supply: 3 A max 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 ms to 600 ms, 10 ms steps.
On Time Accuracy: ±10 ms.
Off Time: 1 s to 255 s, 1 s steps.
Off Time Accuracy: ±1% of the value or ±50 ms, whichever is greater.
Weight: 1 lb 3.0 oz (538.6 g).
Agency Approvals: cULus.

DCP PRESSURE MODULE
Pressure Ranges: 10 in w.c. or 20 in 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% FS @ 73°F (22.8°C).
Output Signal: 4-20 mA.
Alarm Contacts: 1.5 A inductive load, 3 A 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) ID tubing.
Weight: 5.5 oz (155.9 g).

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>No. of Channels</th>
<th>D.P. Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCT1022</td>
<td>Master controller</td>
<td>22</td>
<td>-</td>
<td>$340.00</td>
</tr>
<tr>
<td>DCT1010</td>
<td>Master controller</td>
<td>10</td>
<td>-</td>
<td>273.00</td>
</tr>
<tr>
<td>DCT1006</td>
<td>Master controller</td>
<td>6</td>
<td>-</td>
<td>231.00</td>
</tr>
<tr>
<td>DCT1122</td>
<td>Channel expander</td>
<td>22</td>
<td>-</td>
<td>240.00</td>
</tr>
<tr>
<td>DCT1110</td>
<td>Channel expander</td>
<td>10</td>
<td>-</td>
<td>176.00</td>
</tr>
<tr>
<td>DCP200A</td>
<td>Pressure module</td>
<td>-</td>
<td>20 in w.c.</td>
<td>213.00</td>
</tr>
<tr>
<td>DCP100A</td>
<td>Pressure module</td>
<td>-</td>
<td>10 in w.c.</td>
<td>213.00</td>
</tr>
</tbody>
</table>

OPTIONS
To order add suffix: Description Price
-WP Weatherproof housing only +$240.00
-WPP Weatherproof housing with pressure ports +$271.00
-WPPS Weatherproof housing with pressure ports, three position rotary switch installed +$380.00
-EXPL Explosion-proof housing +$259.00

Note: Multiple boards stacked in enclosure, consult factory for pricing

ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPMA-402</td>
<td>Process indicator</td>
<td>$108.00</td>
</tr>
<tr>
<td></td>
<td>Note: DCA channel expander cable available in 1 ft, 2 ft, and 4 ft lengths, consult factory for pricing</td>
<td></td>
</tr>
</tbody>
</table>

Note: Items are subject to Schedule B discounts.