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

Offering a universal power supply, the DCTS accepts 85 to 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 to 20 mA process output is integral to the plug-in pressure module, eliminating the need to purchase an expensive process transmitter.

**SPECIFICATIONS**

**Output Channels:** Expandable up to 44 channels.

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

**Power Consumption:** 5 W.

**Solenoid Supply:** 3 A 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 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).

**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 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 to 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) I.D. tubing.

**Weight:** 5.5 oz (155.9 g).

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**Example**

<table>
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<tr>
<th>Series</th>
<th>DCTS</th>
<th>1</th>
<th>2</th>
<th>AT</th>
<th>DCTS3212-AT</th>
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<tr>
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<td>Timer Controller with Expander Board</td>
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<td>Master Board 10 Channel</td>
<td>Master Board 22 Channel</td>
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<tr>
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<td>Channel Expander 10 Channel</td>
<td>Channel Expander 22 Channel</td>
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<td>3</td>
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