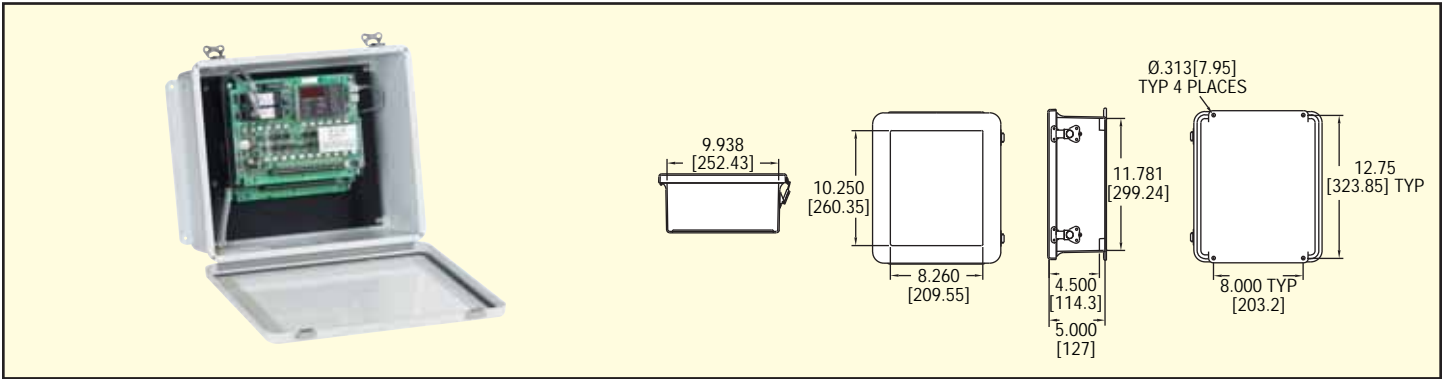




Series
DCTS

Timer Controller with Expander Board

Expandable Up To 44 Channels



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).

Process Control

Example	DCTS	3	2	1	2	AT	DCTS3212-AT
Series	DCTS						Timer Controller with Expander Board
Timer Controller		1 2 3					Master Board 6 Channel Master Board 10 Channel Master Board 22 Channel
Expander Board			1 2				Channel Expander 10 Channel Channel Expander 22 Channel
Pressure Module				0 1 2			None 10 in w.c. Pressure Module 20 in w.c. Pressure Module
Enclosure					0 1 2 3		No Enclosure Weatherproof Enclosure Weatherproof Enclosure / Pressure Ports Weatherproof Enclosure / Pressure Ports / Three Position Rotary Switch
Options						AT COC COO NCO ST	Aluminum Tag Certificate of Conformance Certificate of U.S. Origin NAFTA Certificate of Origin Stainless Steel Tag