

# PA0P00010FC0 Assembly Power Distribution Panel and Enclosure

## Description

The PA0P00010FC0 Power Distribution Panel is a pre-wired, preassembled Standard Control Panel and enclosure that contains four 96 VA 120/24 VAC Class 2 transformers with manual reset secondary protection for powering VAV box controllers. This predesigned solution saves both time and money by not requiring individual transformers in every VAV box.

The PA0P00010FC0 panel is shipped complete, mounted in a 16 in. W x 20 in. H steel enclosure. In addition to the four 96 VA transformers, the assembly also contains low-voltage terminal blocks and a circuit breaker.

The PA0P00010FC0 panel contains terminals that are pre-wired and relabeled to match each transformer, making installation, commissioning, and servicing quicker and easier.



**PA0P00010FC0 Power Distribution Panel and Enclosure**

## Features

- clearly labeled terminations facilitate installation and reduce wiring errors
- panel pre-built, pre-wired, and tested in an ISO-9002 manufacturing facility provides products of consistently high quality
- resettable panel circuit breaker and individual transformer breakers provide high- and low-voltage protection
- California Office of Statewide Health Planning and Development (OSHDP) Special Seismic Certification Preapproved control panel assembly meets standards for rigid and flexible mounting conditions to account for unit-mounted and remote-mounted application
- UL 508A Rated Control Panel and UL 50 Rated, Canadian Standards Association (CSA) Approved Enclosure meets local and national code requirements for US and Canada (cULus listed)

## Selection Charts

### Basic Control Panel Bill of Material

Quantity	Description
1	Enclosure: 16 x 20 x 6-5/8 in. (406 x 508 x 168 mm) width x height x depth, Type 1, with keyed lock
4	Transformer: 96 VA, 120/24 VAC, with manual reset secondary protection
1	Circuit breaker: 10 A

### Product Code Numbers

Product Code Number	Description/Options
PA0P00010FC0	16 in. W x 20 in. H x 6-5/8 in. D custom enclosure with four 96 VA 120/24 VAC power supplies and 10 A circuit breaker

## Technical Specifications

PA0P00010FC0 Assembly Power Distribution Panel and Enclosure	
Wiring and Terminals	All Components are pre-wired to terminal blocks; Terminals are 1/4 in. (6 mm) wire slots
Wire Size	Ground wire: 14 AWG; transformer wires: 18 AWG
Enclosure Rating	Type 1
Finish	ANSI 61 gray polyester powder coating (inside and outside over phosphatized surfaces)
Ambient Operating Condition	32–122°F (0–50°C) 10–90% RH
Dimensions (Width x Height x Depth)	16 in. x 20 in. x 6-5/8 in. (406 mm x 508 mm x 168 mm)
Weight	40 lb (18.1 kg)
Ambient Storage Condition	-40–158°F (-40–70°C) 5–95% RH
Agency Compliance	Control panel: UL 508A (cULus); Enclosure: UL 50, CSA approved OSHDP Special Seismic Certification Preapproval: OSP-0140-10 California Building Code (CBC) - 2010, International Building Code (IBC) - 2009 Seismic Performance Characteristics: $S_{DS}(g) = 2.26$ , $z/h = 1.0$ , $I_p = 1.5$