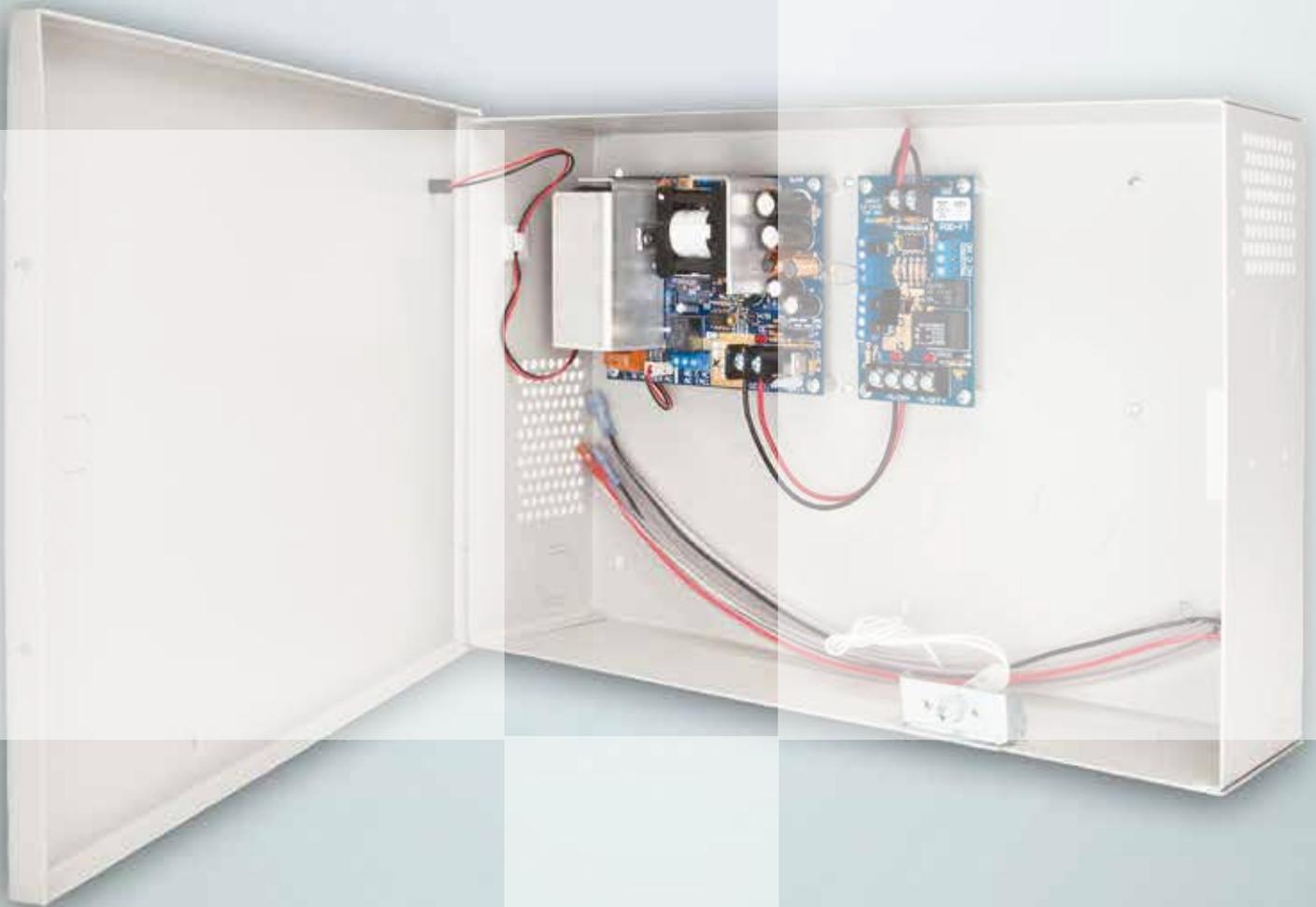


# SECURITRON® AQD3 Switching Power Supply

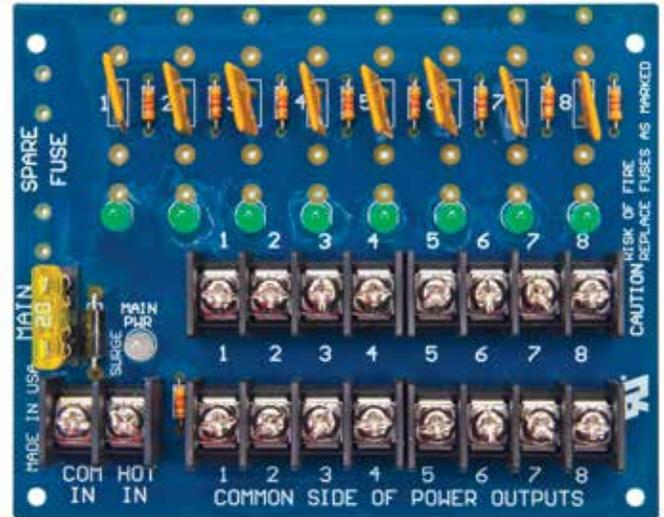
The global leader in  
door opening solutions

**ASSA ABLOY**



## Features

- Up to 3 Amp/12VDC or 1.5 Amp/24VDC total output
- Rated up to 2.8 Amp/1.4 Amp continuous output
- Dual voltage 12VDC/24VDC field selectable
- Internal transformer
- Tolerates brownout or overvoltage input from 60-260VAC
- Thermal shutdown protection with auto restart
- Circuit breaker protects against overcurrent and reverse battery faults
- Battery charger and power supervision
- Low battery disconnect prevents deep discharge
- Dedicated voltage enables faster battery charging even under full load
- MagnaCare® lifetime replacement, no fault warranty



PDB-8C

## Technical Specifications

### Base Material:

- Enclosure: Steel

### System:

- Power Supply: PS-AQD3-4C
- Dimensions:
  - Enclosure: 14"L x 9"W x 3.5"H
  - Power Board: 3.73"L x 4.84"W x 2"H  
Mounting: 3.41"L x 4.5"W
  - Distribution Board: 3.75"L x 2.22"W x 1"H  
Mounting: 3.41"L x 1.87"W
- Electrical:
  - Input Voltage Operating Range: 90VAC - 240VAC; 47Hz - 63Hz
  - Maximum Output Voltage: 36 VA; 3A @ 12VDC; 1.5A @ 24VDC
  - Continuous Output Voltage: 33.5VA; 2.8A @ 12VDC, 1.4A @ 24VDC
  - Voltage Range: 9.8VDC - 13.7VDC/13.65 typical  
20.0VDC - 27.5VDC/27.3 typical
  - Operating Frequency: 66Khz
  - Onboard Power Output: One class 2 power limited

- Fuse Protection:
  - AC fuse: GMA: 2 2Amp
  - Battery: PTC 3Amp
  - Current overload: PTC, self-resetting
  - Thermal runaway: PTC, Self-resetting
- Supervision/Monitoring:
  - AC ON LED indicator: 6mA
  - DC ON LED indicator: 6mA
  - AC fail notification: SPDT form C 2Amp
  - Low battery: SPDT form C 3Amp
- Output Terminal Block Rating: 10A
- Output Wire Gauge Range: 14-28AWG\*
- Maximum Output Per Channel: 4 channels @ 0.35channel
- Operating Temperature: -4 to +104F (-20 to +40C)

### Standards:

- ANSI/UL 603 Listed
- ULC-S318-96 Listed
- ANSI/UL 294 Listed
- RoHS Lead Free

### Finish:

- Powder Coat: Beige

ASSA ABLOY Glass Solutions  
300 Main Street  
Rockwood, PA 15557  
PH: (855) 594-6989  
www.assaabloyglass.us

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

