



POWER SUPPLY/BATTERY CHARGER (PS5)

12 or 24 VDC

2.5 to 4 Amperes

These Agency Listed PS5 units provide main, standby, or auxiliary DC power to access control or fire systems. Features offered on specific models include 2.5 to 4 Amp performance, charging capability to 36 Amphours, fault detection, lockable and vented cabinets, power limiting, thermal and current limiting, and reverse polarity protection for the battery set. The cabinet will provide space for a 20Ah battery set at 12 Volts or an 8Ah set at 24 Volts.

DIMENSIONS

Cabinet Size

- B03
 - 11"H x 15"W x 4"D
 - 28cm x 38cm x 11cm

Cabinet Weight

- 18 lbs. (8.2 kg.)

Cabinet Material

- 18 Gauge Painted Steel

Cabinet Battery Space

- B03
 - 4.5"H x 14.5"W x 4"D
 - 12cm x 37cm x 10cm

SPECIFICATIONS

Input Characteristics

- AC Input
 - 120VAC (+10%, -15%), 60Hz, Single Phase
 - 2.5A max

Output Characteristics

- Voltage: 12 or 24VDC
- Current: model specific, see chart
- Overcurrent Protection
 - Fuse
 - Electronic regulator
- Current Limiting Protection—Circuit Breaker/PTC*

Visual Indicators

- AC Presence ... Green LED
- Fault Yellow LED (PS5-BFS-UL)
- System OK Green LED (PS5-B03-UL)

Temperature Characteristics

- Operating Temperature Range
 - 0°C to 50°C
 - Humidity 85% @ 30°C

Fault Detection

- Conditions Reported
 - Low Battery
 - Loss of AC
 - Blown Battery Fuse
 - Blown AC Fuse
 - Tripped PTC/CB (Power Limited Models Only)
- Reporting Method
 - Current Limited Voltage Output (PS5-BFS-UL**)
 - Form 'C' Relay (PS5-B03-UL)
 - Contact Ratings: 1A @ 24VDC

Temperature Characteristics

- Operating Temperature Range
 - 0°C to 50°C
 - Humidity 85% @ 30°C

* Polyswitch Circuit Protector

**When using the PS5-BFS-XX-UL for fault reporting in fire applications, the accessory relay RBKS-124P or RBKS-124N must be used. See Instruction Manual, Document # 52-133 or call Tech Support for Application Bulletin.

FEATURES

- 12 or 24 VDC (See Order Information Chart)
- 4 Amp Current Capability or 2.5 Amps Power Limited
- Fault Status Reporting
- Key Lockable Cabinet
- In-Cabinet Battery Storage Capacity:
 - 20Ah @ 12 Volts
 - 8Ah @ 24 Volts
- Vented Cabinet
- Fault Relay (See Order Information Chart)
- **LIFETIME WARRANTY** on PC Board

LISTINGS

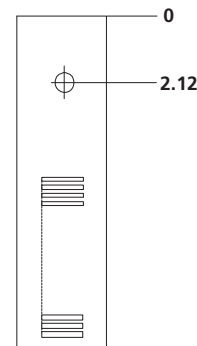
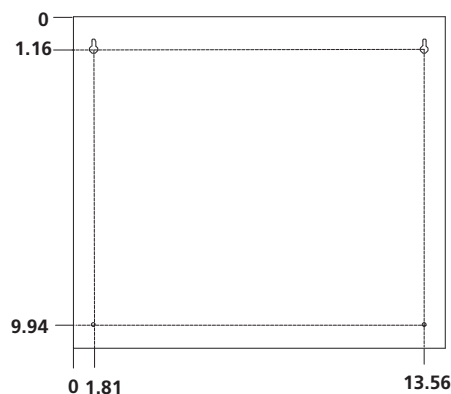
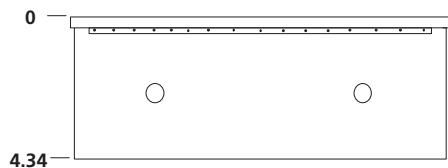
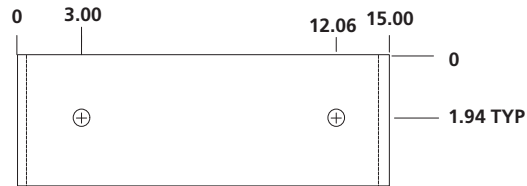
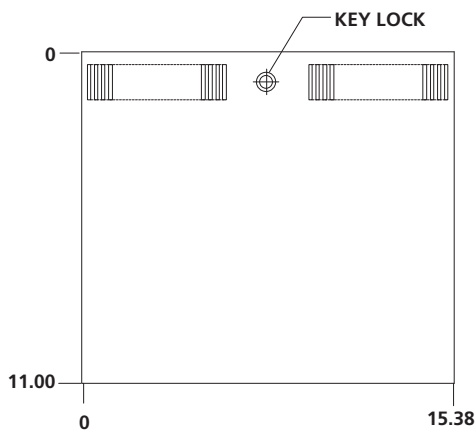


- UL Listings
 - UL 294, Access Control System Units
 - UL 1481, Power Supplies for Fire Protective Signaling Systems
- MEA, City of New York

ORDER INFORMATION

Order #	Model Number	Output Voltage	Output Current	Battery Charge Capacity	Cabinet Battery Space	Supplied Battery Set	Trouble Relay	Power Limited
12 VDC SYSTEMS								
01303	PS5-BFS-12-UL	12VDC	4 A	38 Ah	20Ah			
01308	PS5-BFS-12-UL-2B7	12VDC	4 A	38 Ah	20Ah	14Ah		
01317	PS5-12025-B03-UL	12VDC	2.5 A	34 Ah	20Ah		•	•
01320	PS5-12025-B03-UL-1B7	12VDC	2.5 A	34 Ah	20Ah	7Ah	•	•
01321	PS5-12025-B03-UL-2B7	12VDC	2.5 A	34 Ah	20Ah	14Ah	•	•
01313	PS5-12040-B03-UL	12VDC	4 A	34 Ah	20Ah		•	
01322	PS5-12040-B03-UL-1B7	12VDC	4 A	34 Ah	20Ah	7Ah	•	
01323	PS5-12040-B03-UL-2B7	12VDC	4 A	34 Ah	20Ah	14Ah	•	
24 VDC SYSTEMS								
01304	PS5-BFS-24-UL	24VDC	4 A	38 Ah	8Ah			
01307	PS5-BFS-24-UL-2B7	24VDC	4 A	34 Ah	8Ah	7Ah		
01318	PS5-24025-B03-UL	24VDC	2.5 A	34 Ah	8Ah		•	•
01324	PS5-24025-B03-UL-2B7	24VDC	2.5 A	34 Ah	8Ah	7Ah	•	•
01314	PS5-24040-B03-UL	24VDC	4 A	34 Ah	8Ah		•	
01325	PS5-24040-B03-UL-2B7	24VDC	4 A	34 Ah	8Ah	7Ah	•	

MECHANICAL



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