The PS12408-UL is a dual voltage power supply system designed to provide lock, system, and auxiliary power to 8 or 16 door access control systems. Isolated power supply outputs of 12 VDC, 8 A and 24 VDC, 8 A combine with power distribution outputs for system power, lock power and control and auxiliary equipment power.

The PS12408-UL is intended for use with Software House, Casi Rusco or other third party access control systems. The unique, intuitive design allows for clean, consistent field installations and reduced labor costs.

AGENCY LISTINGS
UL 294

CODE COMPLIANCE
NFPA 70 (NEC)
PS12408 Series
8 or 16 Door Access Control Power Supply System

SPECIFICATIONS
Input Specifications:
• Input voltage: 120 VAC
• Input Voltage Frequency: 60 Hz
• Input Current: 3 A
Output Specifications:
• Electronically regulated and filtered outputs
Output Voltage #1:
• Output Voltage: 12 VDC
• Output Current: 8 A
• Current draw in standby mode: 75 mA
Output Voltage #2:
• Output Voltage: 24 VDC
• Output Current: 8 A
• Current draw in standby mode: 75 mA
Fire Alarm Interface (FAI) Specifications:
• Failsafe operation: normally closed relay contact opens on alarm
Temperature Ratings:
• Operating Temperature: 0°C to 49°C
• Humidity: 93% @ 32°C maximum
• BTU Output: 116 BTU
Battery Charger Specifications:
• Battery Type: Sealed lead acid rechargeable
• Maximum Battery Charge Capacity: 34 Ah
• Maximum Battery Charge Current: .5 A
• Battery short circuit protection
• Automatic switch over to standby battery
Fault Detection:
• Loss of AC or Brownout
• Power Supply Output > ±10%
• Over Temperature condition
• Low Battery Voltage
• Blown or AC Fuse
Fault Reporting:
• Form ‘A’ relay contact ratings:
  • AC Fault: 24 VDC @ 2 A
  • DC Fault: 24 VDC @ 2 A
Visual Indicators:
• DC Presence: Individual Red LED’s for each voltage
• AC Presence: Green LED
• AC or DC Fault condition: Yellow LED

POWER DISTRIBUTION SPECIFICATIONS
Auxiliary Outputs:
• 10, 15 or 20 Class 2, power limited outputs
• Individually fuse protected:
  • Outputs 1 - 4 fused @ 1 A
  • Output 5 fused @ 2 A
• Configurable for 12 or 24 VDC
• Visual Status indicator for DC presence: Red LED
Relay Controlled Lock Outputs:
• 8, 12 or 16 Class 2, power limited outputs
• Individually fuse protected @ 2 A
• Individually configurable for fail safe or fail secure
• Individually programmable for fire alarm disconnect
• Master Fire Alarm Lock Disconnect Relay:
  • Contact Output Rating: 10 A @ 30 VDC
  • Activation current: 55mA
  • Activation: Normally closed contact (open to activate)
• Positive or negative trip from access control panel (depending on model)
• Visual Status Indicators:
  • Fire Relay Activated: Red LED
  • Lock control relay Activated: Red LED per output
MECHANICAL SPECIFICATIONS
Cabinet Features:
• Vented steel cabinet
• Key lockable
• Hinged Cover
• Tamper switch
• Concentric conduit knockouts
• Removable steel back plate
• Removable hinged cover
• 16 guage painted steel
Cabinet Dimensions:
• 28” H x 18” W x 5” D, Approx. Weight: 50 lbs
• Battery Space: 6.5” H x 18” W x 5” D

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