



ALARM SAF

CPS800C-UL/CSA-APD8F 8 OR 16 OUTPUT, ACCESS CONTROL POWER SUPPLY DISTRIBUTION SYSTEM



12/24 VDC, 8 amp power supply with access control power distribution system which provides 8 or 16 relay controlled, individually fuse protected lock outputs. System features include field selectable voltage, relay fault reporting, independently programmable outputs, 3 input option modes, visual fault and status indication and Fire Alarm Interface (FAI). System is available with 8 or 16 outputs. Systems integration applications include system power, door strikes, mag locks, card readers and fire alarm interface for emergency exit.

Agency listed (UL 294 and CSA Certified).

SYSTEM FEATURES

Features

- Latching or non-latching Fire Alarm Interface (FAI)
- Lock voltage can be isolated from control voltage
- Visual fault and status indication
- Relay fault output
- Switching technology
- Controlled current battery charging
- Short circuit protection

- Thermal protection
- Reverse polarity protection (PTC)
- Removable Terminal Strips
- Key lockable cabinet
- Limited lifetime warranty

Listings

- UL 294



- CSA Certified



SPECIFICATIONS

Power Distribution Specifications

- 8 or 16 outputs, individually programmable for:
 - Fail safe
 - Fail secure
 - Form "C" relay contact
 - Constant voltage for auxiliary devices
 - Fire Alarm Interface (FAI)
- 8 or 16 inputs, individually programmable for:
 - Negative or open collector trip
 - Positive trip
 - Isolated trip
- Lock output current: 3A/output, fuse protected
- Lock input trip current: .03A per input
- Lock relay contacts rated @ 28 VDC, 12A
- Visual status indicators :

- Input Activation:	Red LED per input
- Control Voltage Presence:	Green LED
- Fire Alarm Interface (FAI) status:	Green LED

Power Supply Specifications

- Input voltage: 120 VAC
- Input current: 3.3A
- Output voltage: 12/24 VDC, Field selectable
- Output current rating: 8A continuous
 - 1 Standard uncontrolled output
 - 1 Fire Alarm Interface (FAI) controlled output
- Ripple: < 0.240VAC
- Operating temperature : 0°C to 50°C
- Humidity : 85% @ 30°C
- Maximum Battery Capacity : 17 AH
- Electronically regulated and filtered output
- Visual fault indicators:

- AC presence:	Green LED
- DC presence:	Red LED
- Fault reporting:
 - AC Loss
 - Low Battery
 - High/Low DC

APPLICATIONS

- Mag lock control
- Door strike control
- Fire Alarm Interface for emergency exit
- Reader Power
- Request to Exit Power
- System power

MECHANICAL

Cabinet Dimensions

- CPS800C-UL/CSA-APD8F 11"W x 15" L x 4" D
- CPS800C-UL/CSA-APD8FX 15"W x 18" L x 4" D
- CPS800C-UL/CSA-APD16FX 15"W x 18" L x 4" D

ORDER INFORMATION

Order Number	Model Number	Description
02812	CPS800C-UL/CSA-APD8F	12/24 VDC, 8A power supply distribution system, 8 fuse protected outputs, agency listed.
02814	CPS800C-UL/CSA-APD8FX	12/24 VDC, 8A power supply distribution system, 8 fuse protected outputs, large cab., agency listed.
02816	CPS800C-UL/CSA-APD16FX	12/24 VDC, 8A power supply distribution system, 16 fuse protected outputs, agency listed.



ALARM SAF

AlarmSaf 6 Ledgerrock Way, Unit 7, Acton, MA 01720, USA, 978.658.6717, www.alarmsaf.com