



ALARM SAF

CPS1000C-UL/CSA-APD8 8 OR 16 OUTPUT, ACCESS CONTROL POWER SUPPLY DISTRIBUTION SYSTEM



12/24 VDC, 10 amp power supply with access control power distribution system which provides 8 or 16 relay controlled, individually PTC power limited lock outputs. System features include field selectable voltage, power limited output, 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)
- Class 2, power limited
- 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 power limited and 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: Power limited @ 1.6A/output, PTC 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: 4.1A
- Output voltage: 12/24 VDC, Field selectable
- Output current rating: 10A 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

- CPS1000C-UL/CSA-APD8 11"W x 15" L x 4" D
- CPS1000C-UL/CSA-APD8X 15"W x 18" L x 4" D
- CPS1000C-UL/CSA-APD16X 15"W x 18" L x 4" D

ORDER INFORMATION

Order Number	Model Number	Description
02817	CPS1000C-UL/CSA-APD8	12/24 VDC, 10A power supply distribution system, 8 PTC protected outputs, agency listed.
02819	CPS1000C-UL/CSA-APD8X	12/24 VDC, 10A power supply distribution system, 8 PTC protected outputs, large cab., agency listed.
02821	CPS1000C-UL/CSA-APD16X	12/24 VDC, 10A power supply distribution system, 16 PTC protected outputs, agency listed.



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