



**ALARM SAF**

## Rack Mount Access Control Power Distribution System



**RM-APD16F, RM-APD16:** 16 Output Rack Mount Power Distribution System for Access Control, Security and Fire systems integration

The **RM-APD16(F)** provides 16 relay controlled, individually programmable outputs for flexible power management in a single rack mount enclosure. Designed to fit into standard IT equipment racks, the RM-APD16(F) is intended for use with AlarmSaf's RMDC line of rack mount power supplies, and is available with either Class 2, power limited or individually fused outputs. Features include a variety of input and output options, latching or non-latching Fire Alarm Interface for egress control, internal visual status indication and removable terminal blocks. The RM-APD16(F) is the universal choice for access control systems integration. Applications include mag lock control, door strike control, request to exit device power, system power and fire alarm interface (FAI) for emergency exit.

### FEATURES

- 16 Outputs, individually programmable for:
  - Fail-safe
  - Fail-secure
  - Form-C relay contact
  - Constant voltage for auxiliary devices
  - Fire Alarm Interface (FAI)
- 16 Inputs, individually programmable for:
  - Negative trip
  - Open collector trip
  - Dry contact trip
  - Positive trip
  - Isolated trip
- Operates from 12 or 24 V AC or DC Input
- Latching or Non-Latching FAI
- Available with 16 individually fused or 16 Class 2, power limited outputs
- Lock voltage can be isolated from control voltage
- Visual Status Indication
- Short circuit protection
- Thermal protection
- Standard, 2U EIA 19" Rack Mount Chassis
- Removable face plate
- Removable terminal strips for field wiring
- Automotive blade fuses for improved reliability\*
- Easily connects to AlarmSaf RMDC Power Supplies
- Limited Lifetime warranty

\* applies to model; RM-APD16F

# Rack Mount Access Control Power Distribution System

## MODULE SPECIFICATIONS

*NOTE: RM-APD16(F) system includes either two APD8 or two APD8F modules each with the following specifications:*

### Input Specifications:

- Input voltage: 12 or 24 V AC or DC
- Input Current: 2 individual boards each at 8 A, maximum
- Lock Input Trip Current: 0.03 A per input
- Lock Relay contacts rated @ 28 VDC, 12 A

### Output Specifications:

- Output voltage: Dependent on input voltage
- Total Output Current: 2 individual boards each at 8 A maximum

### Temperature Specifications

- Ambient Temperature Range: 0° C to 49° C
- Ambient humidity: 93% @ 32° C

### Visual Indicators

- Input Activation: Red LED per output
- Control Voltage Present: Green LED
- FAI Status: Green LED

## SYSTEM SPECIFICATIONS

- Total Outputs:

### RM-APD16

- 16 Class 2, Power limited outputs, PTC protected

### RM-APD16F

- 16 fuse protected outputs

- Zone Output Current:

### RM-APD16

- 1.6 A per output, Class 2, power limited, PTC protected

### RM-APD16F

- 3.0 A per output, fuse protected with automotive blade fuses

## MECHANICAL

- 2U Rack Mount Chassis: 3.25" H x 19.125" W x 10" D
- 16 gauge painted steel

## APPLICATIONS:

- Fire Alarm Interface for Emergency exit
- Mag Lock control
- Door Strike Control
- Card & Proximity Readers
- Multi-technology Readers
- Smart Card Readers
- Request to Exit Devices

ORDER NUMBER	MODEL NUMBER	DESCRIPTION
03029	RM-APD16	Rack mount power distribution box with 16 relay controlled and individually programmable Class 2, power limited outputs
03030	RM-APD16F	Rack mount power distribution box with 16 relay controlled and individually programmable fuse protected outputs
02827	APD8	Replacement board: advanced power distribution module, 8 power limited outputs
02828	APD8F	Replacement board: advanced power distribution module, 8 fuse protected outputs

