



ALARM SAF

NAC POWER BOOSTER (ADA-24)



24VDC @ 1½, 3, or 6 Amperes

Fire Alarm NAC Extender, Expander

A practical solution for solving today's problems of notification device loading, AlarmSaf ADA Power Boosters provide a range of zone and power outputs based on need without compromising basic features.

From single zone, Style Y extenders, to multiple loop Style Y or Z zone expanders, our new ADA Power Booster series has the correct specifications for any application. This series provides an economical means of meeting the new audible code requirements, as well as a host of other new features. These include: Ground Fault Detection, AC Power Fail Delay, power supply listing, and multiple configuration input/output circuitry. Local and remote fault annunciation is provided either with a common fault relay or through the host fire panel.

DIMENSIONS

ADA-24015 Zone Extender

- Cabinet Size
 - 12" H x 12" W x 4" D
 - 30.5cm x 30.5cm x 10.2cm
- Cabinet Weight
 - 11 lbs.
 - 5 kg.
- Cabinet Material
 - 18 Gauge Steel
- Cabinet Battery Space
 - 4.5" H x 11.5" W x 4" D
 - 12cm x 37cm x 10cm

ADA-24030 Zone Expander

- Cabinet Size
 - 14" H 16.5" W x 4" D
 - 35.6cm 49.1cm x 10.2cm
- Cabinet Weight
 - 22 lbs.
 - 10 kg.
- Cabinet Material
 - 16 Gauge Steel
- Cabinet Space
 - 5" H x 15" W x 4" D
 - 13cm x 38cm x 10cm

ADA-24060 Zone Expander

- Cabinet Size
 - 14" H 16.5" W x 4" D
 - 35.6cm 49.1cm x 10.2cm
- Cabinet Weight
 - 25 lbs
 - 11.3 kg.
- Cabinet Material
 - 16 Gauge Steel
- Cabinet Battery Space
 - 5" H x 12" W x 4" D
 - 13cm x 30cm x 10cm

SPECIFICATIONS

ADA-24015 Zone Extender

Input Characteristics

- Input Power
 - 120 VAC, 60 Hz, 1A
- Input Activation Signal
 - 1Y, 9 - 40VDC @ 15mA max

Output Characteristics

- Zone Configuration
 - 1Y
 - 24VDC @ 1½A max
 - Power Limited

Fault Indication

- System OK
 - AC Presence
 - Battery Fault
 - Output Voltage Fault

ADA-24030 Zone Expander

Input Characteristics

- Input Power
 - 120 VAC, 60 Hz, 1.5A
- Input Activation Signal
 - 1Y,1Z,2Y
 - 9 - 40VDC @ 15mA max

Output Characteristics

- Zone Configuration
 - 1Y,1Z,2Y,1Y/1Z
 - 24VDC @ 3A max, 3A max per zone
 - Power Limited

Fault Indication

- AC Presence
- Ground Fault
- Battery Fault
- Output Voltage Fault
- Zone Fault

ADA-24060 Zone Expander

Input Characteristics

- Input Power
 - 120 VAC, 60 Hz, 2A
- Input Activation Signal
 - 1Y,1Z,2Y
 - 9 - 40VDC @ 15mA max

Output Characteristics

- Zone Configuration
 - 1Y,2Y,3Y,4Y,1Y/1Z,2Y/1Z,1Y/2Z, 2Y/2Z,3Y/1Z,2Z
 - 24VDC @ 6A max, 3A max per zone
 - Power Limited

Fault Indication

- AC Presence
- Ground Fault
- Battery Fault
- Output Voltage Fault
- Zone Fault

FEATURES

- Temporal Code Generation "S"
- Temporal Code Activation By Zone
- 1½ to 6 Amp Capability
- 1 to 4 Zone Output
- 1 to 2 Zone Input
- 9 to 40 VDC Activation

- Ground Fault
- Battery Presence
- AC Power Fail Delay
- General Fault Detection
- Common Fault Relay
- Fault Reporting via Loop

- Regulated Power Supply Listing
- Remote Activation
- UL864, UL1481, UL294, CSFM, ULC
- Power Limited
- Switching Technology
- Up to 3 Amp. On Any One Zone

LISTINGS

- UL Listing
 - UL 294 Access Control System Units
 - UL 864 Control Units For Fire Protective Signaling Systems
 - UL 1481 Power Supplies For Fire Protective Signaling Systems
- ULC-S527 Standard For Control Units For Fire Alarm Systems
- CSFM California State Fire Marshal

ORDER INFORMATION

Order Number	Model Number	Output Voltage	# of Input Zones	# Of Output Zones	Cabinet	Battery Charge Capacity
02601	ADA-24015-B02-UL/ULC	24VDC	1	1	B02	7 Ah
02602	ADA-24030-B07-UL/ULC	24VDC	2	2	B07	7 Ah
02603	ADA-24060-B07-UL/ULC	24VDC	2	4	B07	7 Ah

TYPICAL OPERATION

Extender

- ADA-24015-B02-UL/ULC



Expander

- ADA-24060-B07-UL/ULC
- ADA-24030-B07-UL/ULC

