Remote Booster Power Supplies

Expands Power to NACs

EBPS6A & EBPS10A

FEATURES

- Available in 10 amp and 6.5 amp models
- Includes four independent 3 amp NACs - each configurable as auxiliary outputs
- Configurable signal rates
- Field selectable input-to-output correlations
- Extends power available to Notification Appliance Circuits (NACs)
- Provides strobe synchronization
- Use as Auxiliary Power Supply
- NACs configure for either four Class B or two Class A circuits
- On-board status LEDs for easy recognition of wiring faults
- Supports up to 24 Amp hour batteries for fire applications

AGENCY APPROVALS

- UL 864
- ULC
- CSFM

The Remote Booster Power Supply is a self-contained 24V DC power supply designed to augment fire alarm audible and visual power requirements. The booster contains all of the necessary circuits to monitor and charge batteries, control and supervise four Class B or two Class A Notification Appliance Circuits (NACs) and monitor two controlling inputs from external sources.

Provides ample space for additional Genesis® interface modules and battery compartment.

Fault conditions detected by the EBPS will open the main panel's NAC.

EBPS notification appliance circuits easily configure for either 3-3-3 temporal or continuous rates.

In addition to the three generated signal rates, the EBPS can also be configured to follow the signal rate of the main panel's notification appliance circuit, and provide the ability to synchronize Edwards Genesis strobes and horns.

The EBPS includes seven on-board LED indicators: one for each resident NAC; one for battery supervision; one for ground fault; and one for AC power. The trouble contact has a sixteen second delay when an AC power failure or brownout condition is detected, reducing the reporting of troubles during short duration AC brownouts.

EBPS configuration options include: AC power fail delay; sensing input to NAC output correlations. NAC 1 through 4 are configurable as auxiliary outputs. Auxiliary outputs can be on or off after 30 seconds without AC power. Jumpers configure the EBPS for Class A or Class B wiring.

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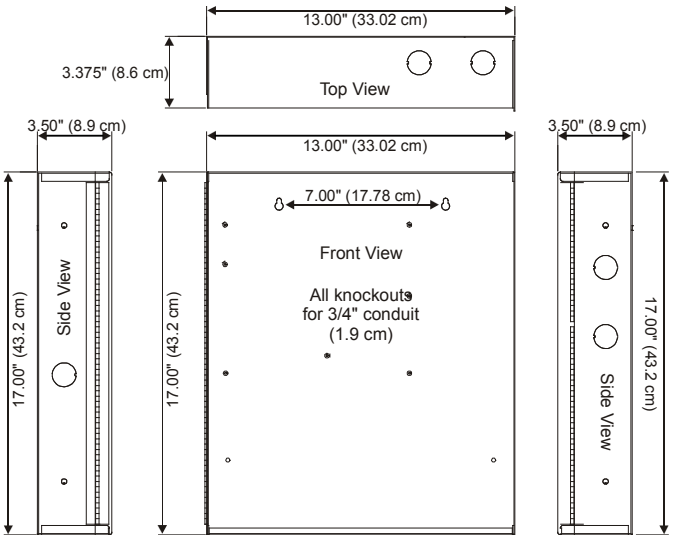
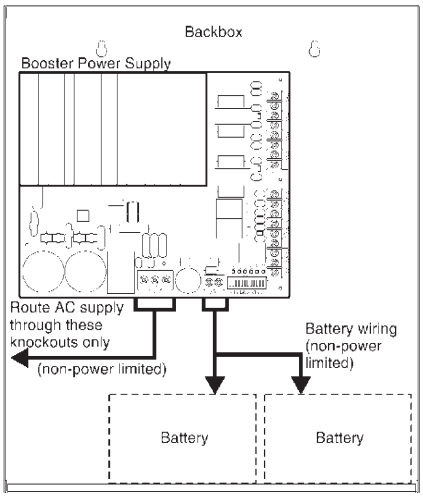
TECHNICAL INFORMATION





Catalog Number	EBPS6A (6.5A Booster)	EBPS10A (10A Booster)
AC Line Voltage	120V AC 50/60 Hz, 250 Watts	120V AC 50/60 Hz, 375 Watts
Notification Appliance Power	3.0A max. per circuit @ 24V DC nominal, 6.5A max total all NACs	3.0A max. per circuit @ 24V DC nominal, 10A max total all NACs
Trouble Relay	2 Amps @ 30V DC	
Auxiliary Outputs	Dedicated 200 mA aux output. NACs 1 through 4 can also be configured as auxiliary.	
Input Current (from an existing NAC)	3 mA @ 12V DC, 6 mA @ 24V DC	
Max. Battery Size in cabinet	10 Amp Hours (2 of 12V10A)	
Terminal Wire Gauge	18-12 AWG	
Relative Humidity	0 to 93% non-condensing	
Temperature Rating	32 to 120F (0 to 49C)	
NAC Wiring Styles	Class A or Class B	
Output Signal Rates	Continuous, 3-3-3 temporal, or follow installed panel's NAC	
Related Equipment		
12V6A5	7.0 Amp Hour Battery, two required	
12V10A	10 Amp Hour Battery, two required	
12V17A	17 Amp Hour Battery, two required	
12V24A	24 Amp Hour Battery, two required	

D-08A

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