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OVERVIEW

The Bus Booster is used on the GR 2400 System when the distance between wall stations and a relay panel cause voltage drop. The Bus Booster provides up to 0.8 amp at 12 volts DC to wall stations over the GR 2400 bus. While the data can travel 4,000 ft., the power to a wall station needs to be fed with a relay panel or a Bus Booster.

FEATURES

- Ability to provide up to 0.8 amp at 12 volts DC to the system bus
- Simplified start up

AcuityControls™

LC&D™

GR 2400 Bus Booster

SPECIFICATIONS

Enclosure dimensions:	8.375″ w x 8.375″ h x 3.125″ d
Enclosure type:	Surface mount NEMA 1
Optional enclosures:	Flush mount NEMA 1
Power supply input:	120/277VAC, 347VAC
Output:	12VDC up to 800mA
Max. humidity:	10% – 90% non-condensing
Ambient temperature:	32–104° F (0–40° C)
RJ45 connectors:	Sockets for Bus In and Out and Clock
Listings:	UL and cUL listed to UL 916

Warranty

Three-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

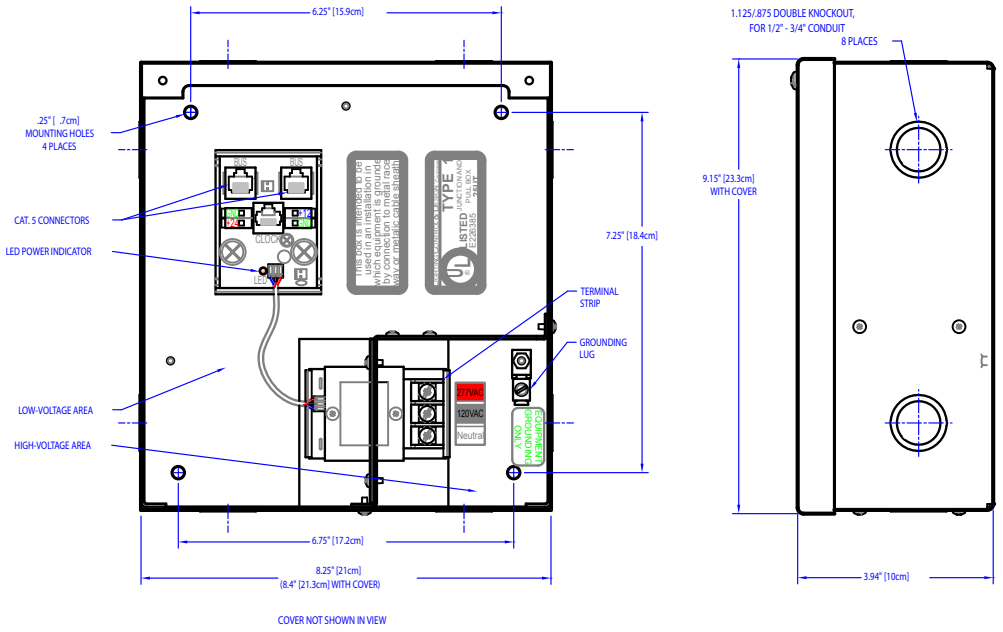
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

ORDERING INFORMATION

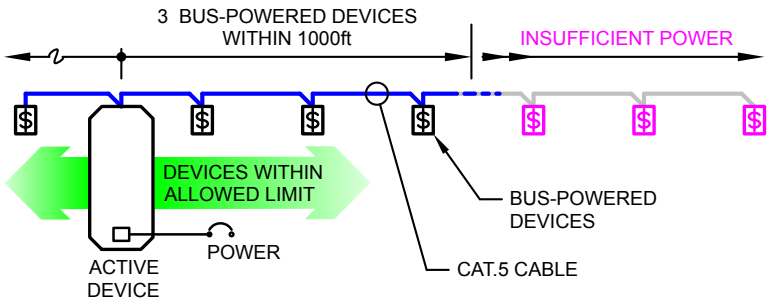
Bus Booster			Example: GR2400 BOOSTER DV SM NE1
System and Type	**Transformer**		**Mount and Enclosure Type**
GR2400 BOOSTER	DV	Dual voltage 120/277V	SM NE1 Surface mount, NEMA 1
	347	347V	FM NE1 Flush mount, NEMA 1

OVERVIEW

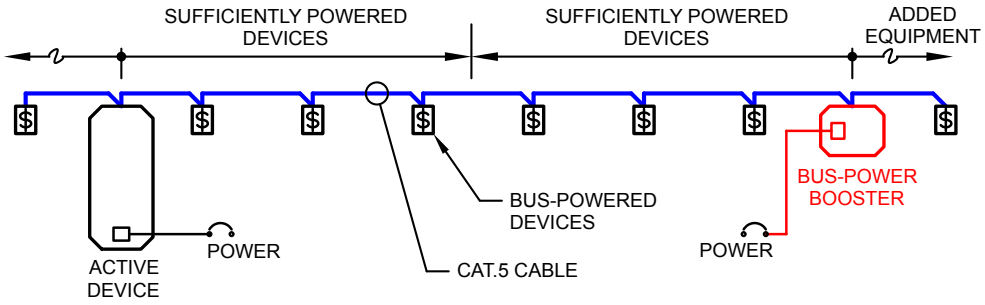


Insufficient Power

Normally, up to three bus-powered devices may be powered across 1000 feet of Cat. 5 cable. This ensures that the power supplied by the Master LCP is sufficient for each device.



Specifying a Bus Booster allows you to add more devices without dropping voltage, because it provides additional power to the bus.



Title 24 System Component

