# Battery Distribution Unit

#### Overview 2

The 3-BTSEN consists of a circuit breaker and copper bus bars mounted on a sheet metal bracket. The unit provides a backup battery bus for supplying backup power to multiple power supplies fed by a common battery. The 3-BTSEN features a 50 Amp circuit breaker to protect the backup battery. The 3-BTSEN mounts in the BC-1 Battery cabinet or any EST3 "RCC" series enclosure.

#### Standard Features 4

- 50 Amp circuit breaker
- 24 Vdc power distribution bus

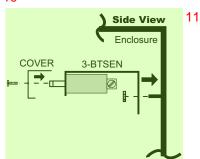
### Application 6

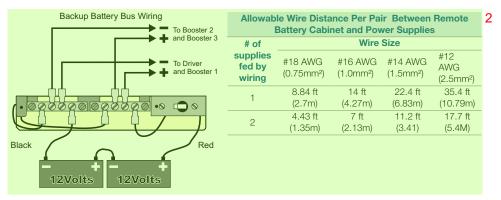
The 3-BTSEN is designed to protect and distribute standby 24 Vdc from a large common battery to multiple power supplies in an EST3 cabinet.

## Engineering Specification 8

Where a remote battery cabinet is required to house large standby 9 batteries for the fire alarm system cabinet, the remote battery cabinet shall be equipped with a circuit breaker and distribution bus.

Mounting 10





# Specifications 3

Agency Listings	UL, ULC, EN 54-2: 1997 + A1: 2006, EN 54-4: 1997 + A1: 2002 + A2: 2006, and EN 54-16: 2008	4
Mounting	BC-1 or "RCC Series" enclosures	
Power Rating	50 Amps @ 24 Vdc	
Power Bus Connections	#10-32 machine screws	
Operating Environment	32°F (0°C) to 120°F (49°C), 93% RH, non-condensing	

# Ordering Information 5

Catalog Number	Description	Shipping Wt., lb (kg)	6
3-BTSEN	Battery Distribution Bus	1 (.45)	
3-BTSEN-E*	Remote battery cabinet interlace, temperature sensing	1 (.45)	

<sup>\*</sup> EN 54-2: 1997 + A1: 2006, EN 54-4: 1997 + A1: 2002 + A2: 2006, and EN 54-16: 2008 **7**