



# **FUSIBLE BUS PLUGS** **Data sheet**

TYPE: Standard Plus, Standard & Legacy  
(30, 60 & 100Amp)

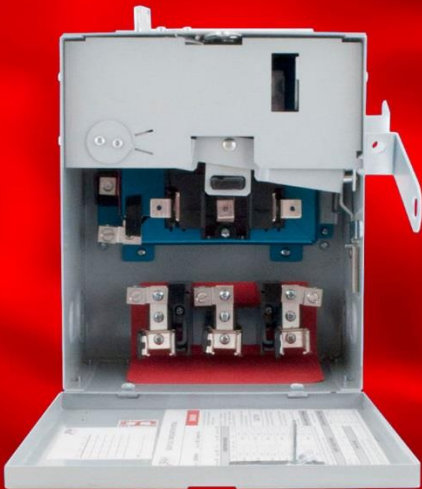
*Aftermarket direct replacement Bus Plug, See page 3 for details*

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## Key Features and Highlights

- Adaptable to various GE Busway systems
- New Floating Contact Design for improved performance and product life
- New Fuse Clip has an integrated Spring Assist Lever for easier installation and removal
- Improved safety features and interlocks for better user protection
- Configurable with ground, neutral, seal kit and different voltage & amperage ratings



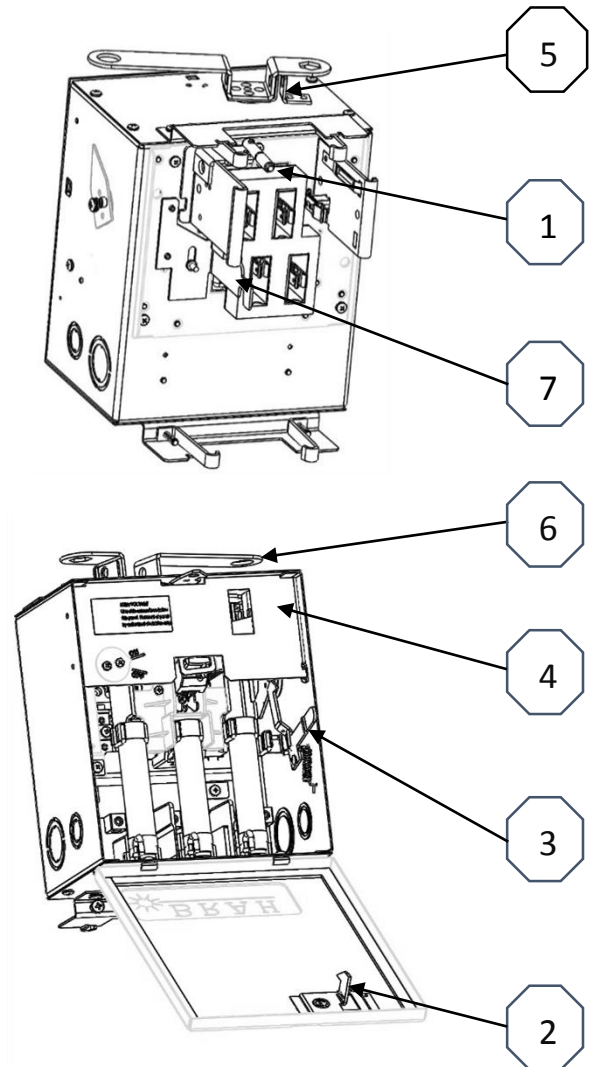


### Description

Mechanical switch operated fusible Bus Plugs are equipped with an over center fast acting switch. Available in ratings from 30Amps to 100Amps. Bus Plugs come standard with positive pressure fuse clips with spring assist lever for the larger fuses. The Bus Plugs include all necessary mounting hardware for attaching to the Busway and can be configured for mounting horizontally, vertically and on its side. Switches have knock-outs for adapting to all standard conduit sizes.

### Bus Plug Mechanical & Interlock features;

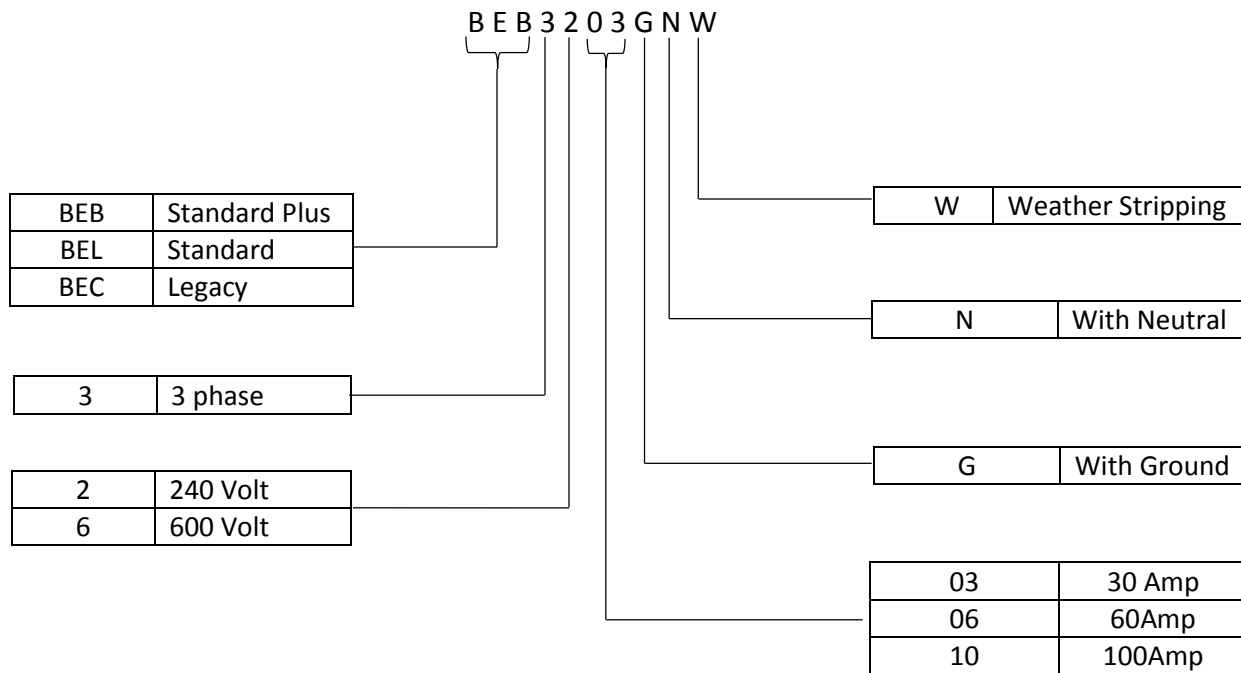
1. Bus Plug has a locating pin for guiding the plug while installing into the busway.
2. Cover interlock that prevents opening the cover when the switch device is in the on position. The Interlock can be defeated by operating the key release through the door.
3. A device interlock that prevents the switch device from being accidentally operated when the cover is open.
4. A cover over the line side of the switch that prevents the user from interacting with live parts in this area.
5. Locations for adding a padlock and locking the plug in the "OFF" position.
6. An operating handle that can be mounted on either the top or right side of the plug. In addition the handle may be mounted in one of the two positions at each location.
7. There is a safety interlock which integrates with the busway and prevents the plug from being removed or installed from the busway while in the on position



\*Aftermarket direct replacement Bus Plugs, have the following naming convention correlation with the OEM version;

BEB	Standard Plus	Aftermarket replacement for Spectra Series, type SB OEM
BEL	Standard	Aftermarket replacement for Spectra Low-Amp, type SL OEM
BEC	Legacy	Aftermarket replacement for Armor Clad, type AC OEM


### Part Number Legend



### Renewal Parts

Most all parts in the BRAH bus plug can be purchased and replaced. Some parts can only be purchased as an assembly please contact a BRAH Electric Sales Representative for more information on pricing and lead time.

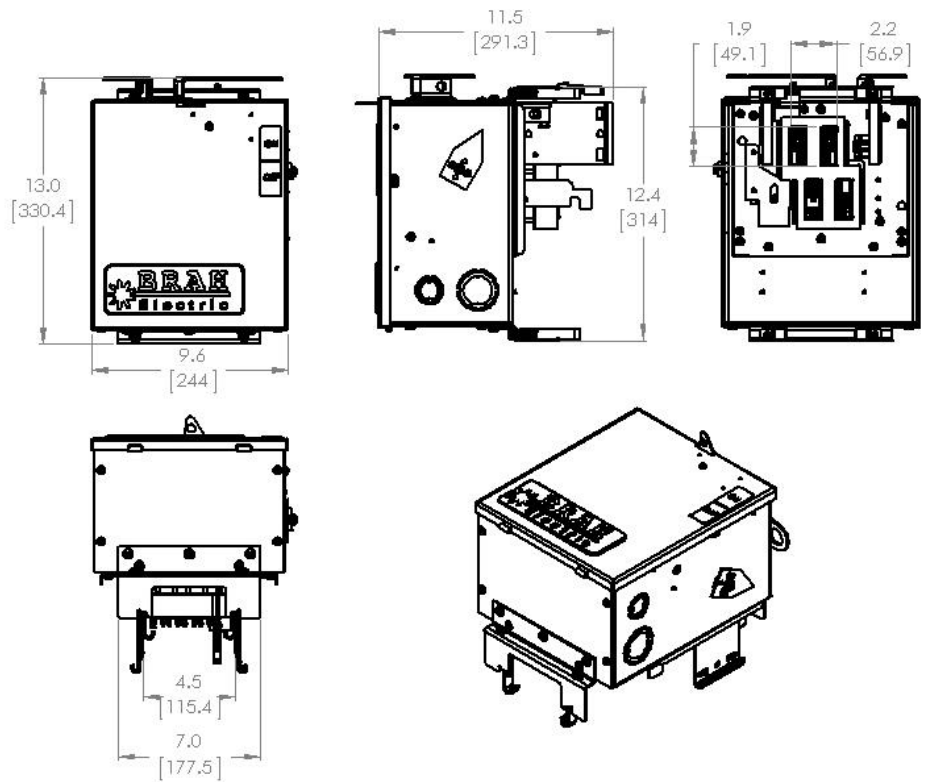
## Technical Data:

 <b>BUS PLUG SPECIFICATIONS</b>										<b>SAFETY PRECAUTIONS</b>					
Part No.					Family					<b>DANGER</b>					
Amperage		Voltage			Wire		Ground		Weather Proof		<ul style="list-style-type: none"> <li>• Turn the switch to the OFF position prior to opening the front panel and removing or installing new fuses.</li> <li>• Unless class J, T, or R fuses are used this switch may cause death or become a fire hazard if installed on circuits capable of 10,000 Amps or more.</li> <li>• Turn off power to the Busway prior to working on the line side of the switch</li> </ul>				
HORSE POWER RATINGS										<b>CAUTION</b>					
AMPS	VOLTS		STD	MAX	AMPS	VOLTS		STD	MAX	<ul style="list-style-type: none"> <li>• Do NOT use renewable link fuses, they can cause excessive heat and can be a fire hazard risk.</li> <li>• Do not exceed 80% of the continuous load current rating of the fuses being used.</li> <li>• Do not use switches rated over 100HP for motor controls</li> </ul>					
30	240VAC	@ 1PH	1.5	3	100	240VAC	@ 1PH	7.5	15				<b>CAUTION</b>		
		@ 3PH	3	7.5			@ 3PH	15	30						
	480VAC	@ 1PH	3	7.5		480VAC	@ 1PH	10	30						
		@ 3PH	5	15			@ 3PH	25	60						
	600VAC	@ 1PH	3	10		600VAC	@ 1PH	15	40						
		@ 3PH	7.5	20			@ 3PH	30	75						
60	240VAC	@ 1PH	3	10	200	240VAC	@ 1PH	15	25						<b>CAUTION</b>
		@ 3PH	7.5	15			@ 3PH	25	60						
	480VAC	@ 1PH	5	20		480VAC	@ 1PH	25	50						
		@ 3PH	15	30			@ 3PH	50	125						
	600VAC	@ 1PH	10	25		600VAC	@ 1PH	30	50						
		@ 3PH	15	50			@ 3PH	60	150						
Depending on horsepower required by motor ratings with high starting current it may be necessary to use appropriate time delay fuses.										<b>WIRE CONNECTOR TERMINALS</b>					
										Use Copper or Aluminum wire					
SHORT CIRCUIT CURRENT RATING										<b>SCREW TIGHTENING TORQUE</b>					
CLASS FUSES	<b>H</b>	<b>R</b>	<b>J</b>	<b>T</b>						Screw Size	Torque (N-M)				
RMS SYM. KA	10	200	200	200						M4	2.6				
WIRE RATING										M5	5.1				
Circuits rated for 100 Amp or less require 60deg. C rated conductors										M6	8.7				
Circuits rated for 110 Amp or more require 75deg. C rated conductors										M8	21.2				

**Disclaimer:** *Disclaimer: BRAH Electric, LLC is an aftermarket electrical manufacturer and does not represent manufacture or distribute any equipment for General Electric Corporation. All references made with respect to GE Bus Plugs and Busway systems are for cross reference purposes only.*

## Dimensional Data:

### 30 and 60 Amp Bus Plug



### 100 Amp Bus Plug

