



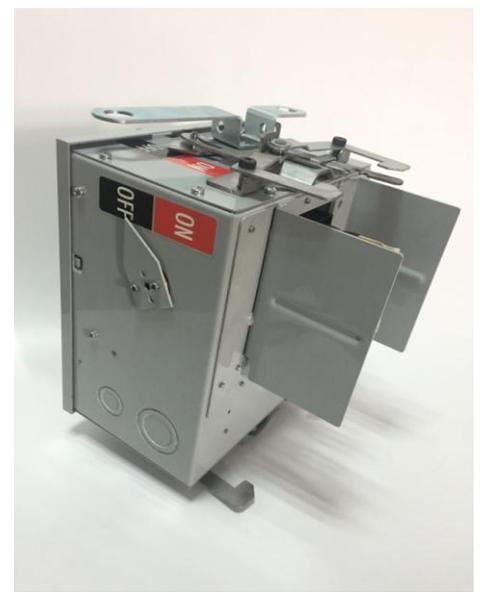
FUSIBLE BUS PLUGS

CATALOG DATA SHEET

Type BRV

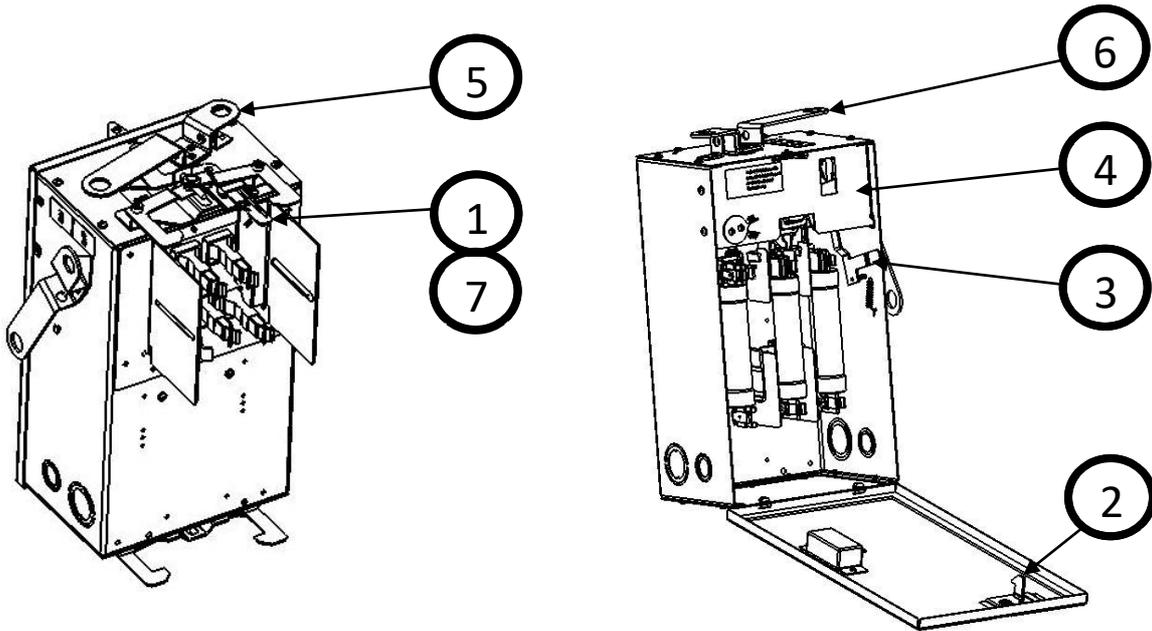
Direct replacement for XL-X Series

Available in 30A, 60A & 100A



Description

Mechanical switch operated fusible Bus Plugs are equipped with an over center fast acting switch. Available in ratings from 30Amps to 100Amps. 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.



1. Bus Plug has locating tabs 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.

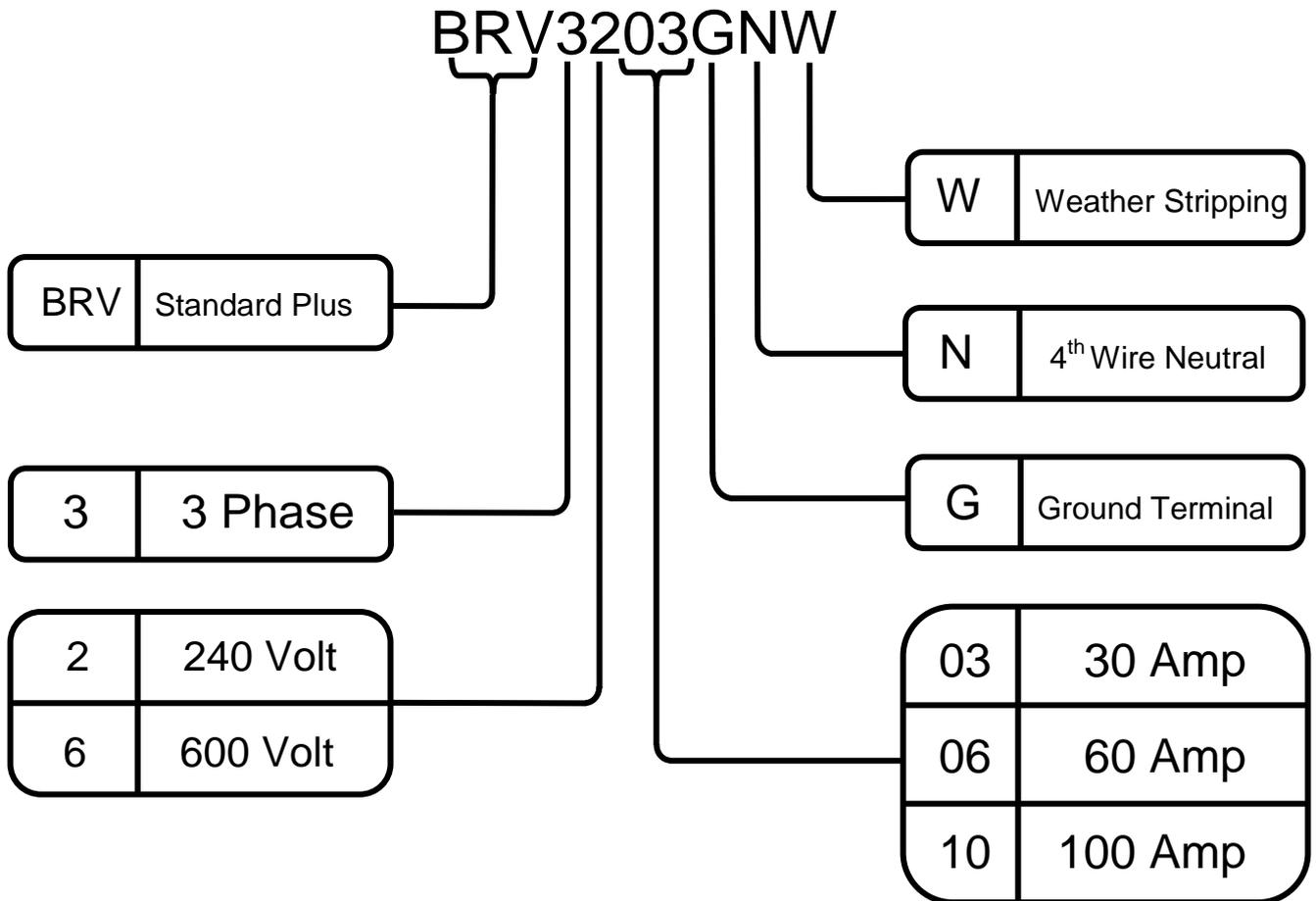
Key Features and Highlights

- Adaptable to any ITE/SIEMENS OEM XL-X Series Busway systems
- New patented inner switch with floating contact design
- Improved safety features and interlocks for better user protection
- Configurable with ground, neutral, seal kit and different voltage & amperage ratings
- Compatible with BRAH Logic wireless power monitoring

PART NUMBER LEGEND

Type BRV - Aftermarket replacement for Spectra Series

*Direct replacement Bus Plugs, have the following naming convention correlation with the OEM version



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 availability

* Retrofittable into circuit breaker style, with respective retrofit kit.

TECHNICAL DATA

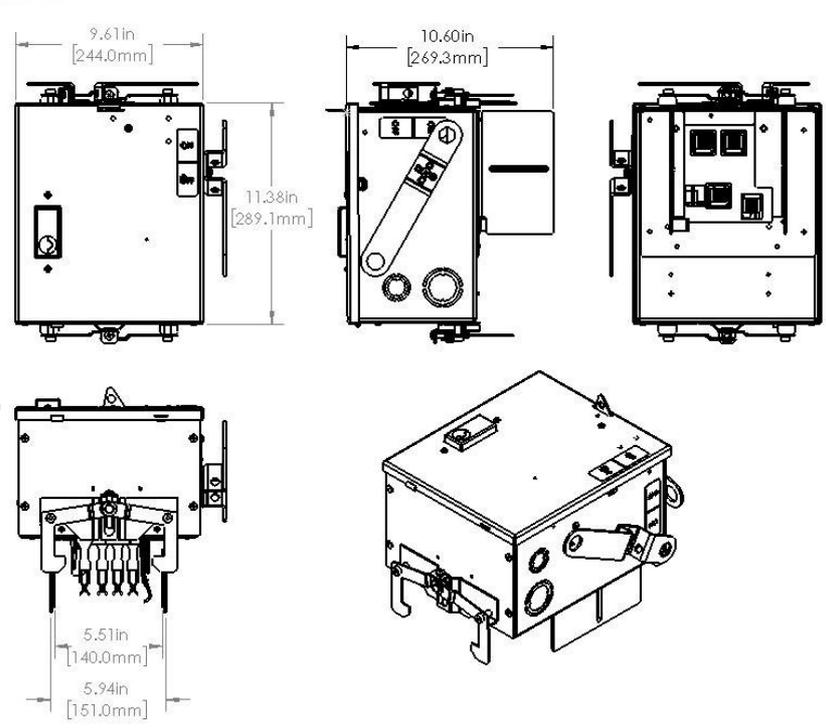
| BUS PLUG SPECIFICATIONS | | | | | | | | | | SAFETY PRECAUTIONS | | | | | |
|---|----------|----------|----------|----------|------------|--------|--------------|--------|---|---------------------------------|-----|-------|----|----|--|
| Part No. | | | | | Family | | | | | DANGER | | | | | |
| Amperage | | Voltage | | | Wire | | Ground | | <ul style="list-style-type: none"> Turn the switch to the OFF position prior to opening the front panel and removing or installing new fuses. 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. Turn off power to the Busway prior to working on the line side of the switch | | | | | | |
| HORSE POWER RATINGS | | | | | | | | | | | | | | | |
| AMPS | VOLTS | | STD | MAX | AMPS | VOLTS | | STD | | | | MAX | | | |
| 30 | 240VAC | @ 1PH | 1.5 | 3 | 100 | 240VAC | @ 1PH | 7.5 | | | | 15 | | | |
| | | @ 3PH | 3 | 7.5 | | | @ 3PH | 15 | | | | 30 | | | |
| | 480VAC | @ 1PH | 3 | 7.5 | | 200 | 480VAC | @ 1PH | | | | 10 | 30 | | |
| | | @ 3PH | 5 | 15 | | | | @ 3PH | | | | 25 | 60 | | |
| | 600VAC | @ 1PH | 3 | 10 | | | 600VAC | 600VAC | | | | @ 1PH | 15 | 40 | |
| | | @ 3PH | 7.5 | 20 | | | | | | | | @ 3PH | 30 | 75 | |
| 60 | 240VAC | @ 1PH | 3 | 10 | 100 | | | 240VAC | | | | @ 1PH | 15 | 25 | |
| | | @ 3PH | 7.5 | 15 | | | | | @ 3PH | 25 | 60 | | | | |
| | 480VAC | @ 1PH | 5 | 20 | | 200 | | 480VAC | @ 1PH | 25 | 50 | | | | |
| | | @ 3PH | 15 | 30 | | | | | @ 3PH | 50 | 125 | | | | |
| | 600VAC | @ 1PH | 10 | 25 | | | 600VAC | 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. | | | | | | | | | | CAUTION | | | | | |
| | | | | | | | | | | WIRE CONNECTOR TERMINALS | | | | | |
| | | | | | | | | | | Use Copper or Aluminum wire | | | | | |
| SHORT CIRCUIT CURRENT RATING | | | | | | | | | | SCREW TIGHTENING TORQUE | | | | | |
| CLASS FUSES | H | R | J | T | 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: BRAH Electric, LLC is an electrical products 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. BRAH replacement Bus Plugs are guaranteed to fit and function with each respective OEM Busway system.

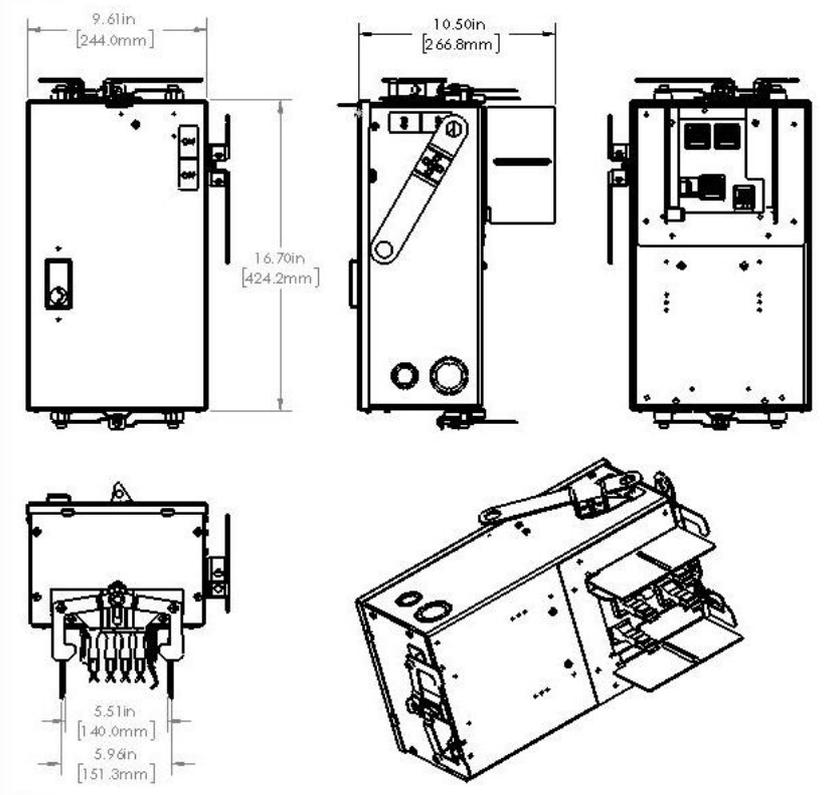
DIMENSIONAL DATA

30 and 60 Amp Bus Plug

Dimensions in () are in mm.



100 Amp Bus Plug



RENEWAL PARTS

Internal Switches
FCS-30, FCS-60, FCS-100



Fuse Clip
30A600VFCUL



Operating Handle
GEBHANDLE1



Fuse Clip
60A600VFCUL



Door Latch Kit
GECLIP



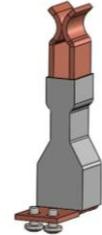
Fuse Clip
100A600VFCUL



Fuse Clip
30A240VFCUL



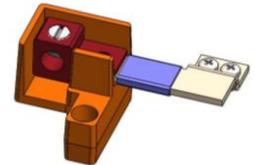
Replacement Stabs



Fuse Clip
60A240VFCUL



Neutral Kit



Fuse Clip
100A240VFCUL





PRODUCT LIST

| Part Number | Type | Family | Amperage | Voltage | Wire | Ground | Interchanges with Siemens |
|-------------|------|-------------|----------|---------|------|--------|---------------------------|
| BRV3203 | BRV | XL-X Series | 30 | 240 | 3 | FALSE | RV321 |
| BRV3203G | BRV | XL-X Series | 30 | 240 | 3 | TRUE | RV321G |
| BRV3203GN | BRV | XL-X Series | 30 | 240 | 4 | TRUE | RV421G |
| BRV3203GNW | BRV | XL-X Series | 30 | 240 | 4 | TRUE | N/A |
| BRV3203GW | BRV | XL-X Series | 30 | 240 | 4 | TRUE | N/A |
| BRV3203N | BRV | XL-X Series | 30 | 240 | 4 | FALSE | RV421 |
| BRV3203NW | BRV | XL-X Series | 30 | 240 | 4 | FALSE | N/A |
| BRV3203W | BRV | XL-X Series | 30 | 240 | 4 | FALSE | N/A |
| BRV3206 | BRV | XL-X Series | 60 | 240 | 3 | FALSE | RV322 |
| BRV3206G | BRV | XL-X Series | 60 | 240 | 3 | TRUE | RV322G |
| BRV3206GN | BRV | XL-X Series | 60 | 240 | 4 | TRUE | RV422G |
| BRV3206GNW | BRV | XL-X Series | 60 | 240 | 4 | TRUE | N/A |
| BRV3206GW | BRV | XL-X Series | 60 | 240 | 4 | TRUE | N/A |
| BRV3206N | BRV | XL-X Series | 60 | 240 | 4 | FALSE | RV422 |
| BRV3206NW | BRV | XL-X Series | 60 | 240 | 4 | FALSE | N/A |
| BRV3206W | BRV | XL-X Series | 60 | 240 | 4 | FALSE | N/A |
| BRV3210 | BRV | XL-X Series | 100 | 240 | 3 | FALSE | RV323 |
| BRV3210G | BRV | XL-X Series | 100 | 240 | 3 | TRUE | RV323G |
| BRV3210GN | BRV | XL-X Series | 100 | 240 | 4 | TRUE | RV423G |
| BRV3210GNW | BRV | XL-X Series | 100 | 240 | 4 | TRUE | N/A |
| BRV3210GW | BRV | XL-X Series | 100 | 240 | 4 | TRUE | N/A |
| BRV3210N | BRV | XL-X Series | 100 | 240 | 4 | FALSE | RV423 |
| BRV3210NW | BRV | XL-X Series | 100 | 240 | 4 | FALSE | N/A |
| BRV3210W | BRV | XL-X Series | 100 | 240 | 4 | FALSE | N/A |
| BRV3603 | BRV | XL-X Series | 30 | 600 | 3 | FALSE | RV361 |
| BRV3603G | BRV | XL-X Series | 30 | 600 | 3 | TRUE | RV361G |
| BRV3603GN | BRV | XL-X Series | 30 | 600 | 4 | TRUE | RV461G |



PRODUCT LIST

| Part Number | Type | Family | Amperage | Voltage | Wire | Ground | Interchanges with Siemens |
|-------------|------|-------------|----------|---------|------|--------|---------------------------|
| BRV3603GNW | BRV | XL-X Series | 30 | 600 | 4 | TRUE | N/A |
| BRV3603GW | BRV | XL-X Series | 30 | 600 | 4 | TRUE | N/A |
| BRV3603N | BRV | XL-X Series | 30 | 600 | 4 | FALSE | RV461 |
| BRV3603NW | BRV | XL-X Series | 30 | 600 | 4 | FALSE | N/A |
| BRV3603W | BRV | XL-X Series | 30 | 600 | 4 | FALSE | N/A |
| BRV3606 | BRV | XL-X Series | 60 | 600 | 3 | FALSE | RV362 |
| BRV3606G | BRV | XL-X Series | 60 | 600 | 3 | TRUE | RV362G |
| BRV3606GN | BRV | XL-X Series | 60 | 600 | 4 | TRUE | RV462G |
| BRV3606GNW | BRV | XL-X Series | 60 | 600 | 4 | TRUE | N/A |
| BRV3606GW | BRV | XL-X Series | 60 | 600 | 4 | TRUE | N/A |
| BRV3606N | BRV | XL-X Series | 60 | 600 | 4 | FALSE | RV462 |
| BRV3606NW | BRV | XL-X Series | 60 | 600 | 4 | FALSE | N/A |
| BRV3606W | BRV | XL-X Series | 60 | 600 | 4 | FALSE | N/A |
| BRV3610 | BRV | XL-X Series | 100 | 600 | 3 | FALSE | RV363 |
| BRV3610G | BRV | XL-X Series | 100 | 600 | 3 | TRUE | RV363G |
| BRV3610GN | BRV | XL-X Series | 100 | 600 | 4 | TRUE | RV463G |
| BRV3610GNW | BRV | XL-X Series | 100 | 600 | 4 | TRUE | N/A |
| BRV3610GW | BRV | XL-X Series | 100 | 600 | 4 | TRUE | N/A |
| BRV3610N | BRV | XL-X Series | 100 | 600 | 4 | FALSE | RV463 |
| BRV3610NW | BRV | XL-X Series | 100 | 600 | 4 | FALSE | N/A |
| BRV3610W | BRV | XL-X Series | 100 | 600 | 4 | FALSE | N/A |