



Generator Connection Box with Posi-Lok™ Panel

Features

- Galvanized Steel, powder coated, Type 3R enclosure
- Latching trap-door for portable cable entry
- UL Listed
- Ampacity ratings from 100A. to 3200A.
- Available Voltage ratings:
 - 1Ø 120V. 2W+G
 - 1Ø 120/240V. 3W+G
 - 3Ø 120/208V. 4W+G
 - 3Ø 208V. 3W+G
 - 3Ø 277/480V. 4W+G
 - 3Ø 480V. 3W+G
- Posi-Lok™ input panel color-coded per electrical standards
- Copper bus with dual-rated mechanical lugs for facility connection



Options

- Stainless Steel Type 4X enclosures
- Aluminum enclosure
- Pad / Freestanding enclosure
- Recess mounting
- Dual Neutral
- Series 16 Cam inlets
- Mechanical Lug connections
- Main circuit breaker
- Fused disconnect
- Non-fused disconnect
- Phase sequence indicator
- Custom Colors
- Kirk Key Locks





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Specifications

1. The enclosure shall be Type 3R, fabricated from galvanized steel, and powder coated ANSI 61gray.
2. The enclosure shall contain mounting tabs for surface mounting.
3. A drip shield shall be provided above the door opening.
4. The enclosure shall have a hinged front door provided with a latch able to accept a padlock.
5. The bottom of the enclosure shall contain a hinged door for the entry of portable cable. The door shall be secured by a latch accessible only from inside the enclosure.
6. Enclosure dimensions for units with a rating up to 400A. shall be 30" H. x 24" W. x 10" D. Dimensions for larger ampacity units shall be determined by the Engineering Dept. of Union Connector
7. The conduit entrance shall be through the top of the enclosure. The line building wire shall terminate directly to the inlets which have a ½-13 threaded stud. Each inlet shall have (1) stud associated with it. On units with multiple inlet panels the termination shall be to mechanical lugs on the phase and neutral bus. Lug size and quantity shall be as determined by the Engineering Dept. of Union Connector.
8. The Ground building wire shall terminate to a dual rated lug bonded to the enclosure. Lugs shall accommodate wire size of (1) #14AWG – (1) 2/0AWG
9. A dead front cover shall prevent access to the internal electrical components when the main access door is open.
10. An EO400 series Posi-Lok™ inlet panel shall be mounted on an internal dead front panel and shall accept Posi-Lok™ EO400 type connectors.
11. The Ground inlet shall be wired to the enclosure frame and a Ground connection lug shall be provided for contractor termination of the building ground wire.
12. The device connection shall be made inside the enclosure and the connectors shall remain inside the enclosure while connected to the inlets.
13. A warning label to specify the proper sequence for connection and removal of portable cable and shall be mechanically fastened to front cover of the enclosure.
14. The Generator Connection Box shall meet or exceed all applicable NEC standards and shall be UL Listed. A label denoting the UL Listing shall be permanently affixed to the unit.
15. The Generation Connection Box shall be a PBS model as manufactured by Union Connector.



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Part Number

Example: Generator Connection Box, no switches, 120/208V., 400A., Posi-Lok™ panel (single Neutral), in a Type 3R enclosure, with no options or customization

Cat # GCP-N-0-3-400-5-1-1-0-0

GCP - N - 0 - 3 - 400 - 5 - 1 - 1 - 0 - 0
 Product Type Switch Voltage Amps Connection Neutral Enclosure Options Custom

Product
Generator Connection Box

Switch
0 = No Switch

Amps
100
200
400
600
800
1200
1600
2000
2400
3200

Neutral
0 = No Neutral
1 = Single Neutral
2 = Dual Neutral

Options
0 = No Options
1 = Phase sequence meter
2 = Compression lug for building wire connection
3 = Snap-back Covers
4 = Kirk Keys
5 = Aluminum Enclosure
6 = Main Breaker

Type
N = Non Switching

Voltage
1 = 120V., Single Ø, 2W+G
2 = 120/240V., Single Ø, 3W+G
3 = 120/208V., Three Ø, 4W+G
4 = 208V., Three Ø, 3W+G
5 = 277/480V., Three Ø, 4W+G
6 = 480V., Three Ø, 3W+G

Generator Connection
0 = Mechanical lugs
1 = Cams (all Male)
2 = Bus bar w/bolt holes for compression lugs
5 = Posi-Lok™ (all Male)

Enclosure
0 = Type1 (Wall Mount)
1 = 3R (Wall Mount)
3 = 4X (Wall Mount)
4 = 3R (Pad Mount)
6 = 4X (Pad Mount)

Custom
(Suffix assigned by factory)
0 = No customization

Customization

Union Connector has the engineering and manufacturing experience to build custom Generator Connection Boxes to meet the needs of unique situations. Our staff is willing to work with you or your contractor to design and build a unit that will be suited to your specific needs. For more information, contact our Engineering Dept. to begin the design consultation process.