



**Generator  
Connection Panel  
(Manual Switching)**

**Features**

- Galvanized steel, powder coated, Type 3R enclosures
- Stainless Steel or Aluminum 4X enclosures (optional )
- Locking access door for portable cable entry
- UL Listed
- Ampacity ratings from 100A. to 1200A.
- Available Voltage ratings:
  - 1Ø 120V. 2W+G
  - 1Ø 120/240V. 3W+G
  - 3Ø 120/208V. 4W+G
  - 3Ø 277/480V. 4W+G
  - 3Ø 208V. 3W+G
  - 3Ø 480V. 3W+G
- Series 16 Cam devices color-coded per electrical standards
- Copper bus with dual-rated terminals for facility connection
- Double-Throw switches (fused or non-fused)
- Interlocked Molded Case Breakers
- Molded Case Automatic Switches
- Copper bus with dual-rated mechanical lugs for facility wire connection
- Dead front panel design



**Manual Switching of Power Sources**

Manual Transfer Generator Connection Panels are intended for use as a temporary service connection point between portable power units and the facility service entrance. When normal utility power is interrupted for long periods of time or needs to be disconnected for maintenance, it may become necessary to bring in portable generators to provide power. Connection of these portable power units to building wiring should be through a transfer switch that prevents cross-connection of the Utility with Generator power source. The safest and easiest way to make the tie-in is through a connection panel specifically designed for this application.

This Union Connector Manual Transfer Generator Connection Panel utilize industry standard inlets for portable cable connection that are familiar to generator operators. The inlets are on a dead front panel located inside a Type 1, 3R or 4X enclosure. Qualified personnel are able to make quick, safe termination of the portable cables to the inlets through a cable access door on the bottom of the enclosure. The portable cable access door is latched internally and can only be access by opening the main access door, which is secured with a padlock for further security.

Several switch types are available. Molded case circuit breakers and automatic molded case switches provide a more compact enclosure than DT switches. Double Throw switches can be either fused or non-fused depending on fault current considerations.

Options are available to custom design a unit to meet specific applications. These options include a variety of connector types, enclosures, OCPDs and instrumentation. For assistance in matching a GCP to your facility, contact Union Connector's Engineering department.



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**Catalog Number Ordering Information**

Example: Generator Connection Panel, Manual Switching, Molded Case Circuit Breakers, 120/208V, 400A, Series 16 Cam, Single Neutral, Type 3R enclosure, no options or customization - Cat # GCP-M-3-3-400-1-1-1-0-0

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

Product
Generator Connection Panel

Switch
0 = No Switch
1 = Non-Fused DT Switch
2 = Fused DT Switch
3 = Molded Case Breaker
4 = Automatic Molded Case Switch

Amps
100
200
400
600
800
1200
1600

Neutral
0 = No Neutral
1 = Single Neutral

Options
0 = No Options
1 = Switched Neutral
3 = Snap-back Covers
5 = Aluminum Enclosure

Type
N = Non Switching
M = Manual 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

Connection
0 = Mechanical lugs
1 = Cams (all Male)
2 = Cams (reverse Ground)
3 = Cams (reverse Neutral)
4 = Cams (reverse Neut. & Gnd.)
5 = Posi-Lok (all Male)

Enclosure
0 = Type 1
1 = 3R (Wall Mount)
2 = 3R (Pad Mount)
3 = 3R (Recess Mount)
4 = 4X (Wall Mount)
5 = 4X (Pad Mount)
6 = 4X (Recess Mount)

Custom
(Suffix assigned by factory)
0 = No custom application

**SPECIFICATIONS**

1. A UL Listed Generator Connection Panel with specified device type, electrical rating and enclosure shall be provided. The function of the Panel shall be to provide a safe means of connecting a temporary power source to critical loads in a facility.
2. The enclosure shall be a Type 1, 3R, or 4X rated cabinet. It shall be wall, pad or recess mounted, as required. Finish shall be grey powder coat.
3. A hinged main access door hinged with a padlock hasp shall be provided. No live components shall be accessible when the door is closed.
4. An internal locking cable entrance door shall be provided to allow the portable cable to enter the GCP for the purpose of terminating to the inlets.
5. The building wiring conduit shall enter the top of the enclosure and the building wire shall terminate to mechanical lugs.
6. The inlet devices shall be mounted on an internal dead front inlet panel and the plugs of the portable generator cables shall not extend outside the enclosure when connected.
7. All bussing shall be copper and sized at 1000A./ sq. in.
8. Series 16 cam inlets shall be color-coded to indicate line phase, neutral and ground. The inlet panel shall contain slots between devices to eliminate heating by hysteresis, as required by the NEC.
9. When Posi-Lok™ devices are provided, they shall be Crouse-Hinds Series E0200 (200A.), or E0400 (400A), or equivalent.
10. Double-throw switches shall be provided with a 3-position manual operating handle. Switches may be fused or non-fused.
11. Molded case circuit breakers shall have an AIC rating of 65K @ 240V and 35k AIC @ 480V
12. Neutral shall be solid and not switched unless Neutral switching is ordered as an option.
13. Switches shall be designed and interlocked to prevent cross-connection of Utility and Generator/Alternate power sources.
14. A nameplate indicating electrical ratings, UL Listing and connection instructions shall be permanently installed on the enclosure.
15. Unit shall be UL Listed.