



Product Bulletin No.: PBF-201CL
Company Switch with
Connection Chamber
and Series 16 Cams

Features

- 60A – 400A
- UL Listed
- Type 1 enclosure
- Black powder coated scratch resistant finish
- 65k AIC @ 240V. molded case circuit breaker
- Connection chamber for bare-end cable connection
- Shunt trip protection of connection chamber
- Integral cable strain relief in connection chamber
- Standard rating – 3Ø 120/208V.
- Industry standard Series 16 Cam receptacles
- Phase voltage and Ground indicator lights
- Wire bending space as required by the NEC

Options

- 600A main breaker (connection chamber only)
- Dual Neutral receptacles (200%)
- Reverse Neutral
- Reverse Ground
- Parallel sets of receptacles
- Series 16 SafeCam[®] receptacles
- Posi-Lok[™] receptacle panels
- Pin & Sleeve (IEC 309) receptacles
- Isolated Ground
- Service entrance rating
- 1Ø 120V, 1Ø 120/240V.
- 3Ø 277/480V., 3Ø 208V., 3Ø 480V.
- Utility and Motor Branch circuits
- Digital Meter
- Custom laser engraved labeling
- Custom color
- Recessed, in-wall, mounting enclosure
- Pad / Freestanding enclosure
- Aluminum enclosure construction
- Type 3R construction (see Outdoor Switches)
- Type 4 construction (see Outdoor Switches)
- Type 4X construction (see Outdoor Switches)



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Specifications

- The enclosure shall be Type 1, fabricated from 14 Ga. cold rolled steel, and finished with a scratch resistant black wrinkle powder coat.
- The dimensions shall be as listed (in inches):

| Amps | Height | Width | Depth |
|----------|--------|-------|-------|
| 60 – 200 | 28 | 21 | 8 3/4 |
| 400 | 42 | 21 | 8 3/4 |
- The enclosure shall be provided with (4) surface mounting tabs on 16" centers.
- The dead front cover of the enclosure shall contain a window with a recessed panel that exposes the main circuit breaker handle. The top of the main circuit breaker handle shall be below the plane of the cover.
- Conduit entry shall be through the top of the enclosure and the building wire shall terminate to mechanical lugs on the main circuit breaker, neutral bus and ground bus
- The mechanical lugs shall be dual rated (Al/Cu) and accommodate the building conductors as listed:

| Amps | Phase | Neutral | Ground |
|------|------------------|-------------------|------------------|
| 60 | #14AWG - 3/0AWG | #14AWG - 3/0AWG | #14AWG - 2/0AWG |
| 100 | #14AWG - 3/0AWG | #14AWG - 3/0AWG | #14AWG - 2/0AWG |
| 200 | #3AWG – 350kcmil | # 6AWG - 300kcmil | #14AWG - 2/0 AWG |
| 400 | #2AWG – 500kcmil | # 4AWG – 600kcmil | #14AWG - 2/0 AWG |
- Cable pass through holes with rubber grommets shall be provided in the receptacle panel on the bottom of the enclosure for bare-ended portable cable entrance to the bus connection chamber.
- The main circuit breaker shall be a 3-pole, UL Listed 489 molded case type, with a current interrupt rating of 65k AIC @ 240V.
- All connections from the main circuit breaker to the receptacles and from the receptacles to the bus bar shall be copper conductors.
- The bus connection chamber shall utilize an electrical interlock incorporated into the main circuit breaker shunt trip mechanism.. Opening the bus connection chamber door shall activate the shunt trip in the main breaker and open the breaker to the OFF position. The circuit breaker shall be prevented from closing to the ON position until the bus connection chamber door is closed.
- The bus connection chamber shall contain copper bus bar with dual-rated mechanical lugs for connection of bare-ended portable cables. Lugs shall be sized to accept up to (2) 4/0 cables.
- A strain relief bar shall be provided inside the bus connection chamber for securing the bare-ended portable cables.
- The receptacles shall be series 16 cam type, color coded, and mounted on the receptacle panel at bottom of the enclosure
- The series 16 cam receptacles shall be protected by color coded snap back cover when they are not in use.
- The receptacle panel shall contain slots between the receptacles to eliminate hysteresis, as required by the NEC
- Three (3) red LED indicator lights shall be provided to show voltage present at each phase receptacle and one (1) green LED shall be provided to show Ground integrity of the enclosure.
- A warning label to specify the proper sequence for connection and removal of portable cable as shall be mechanically fastened to the dead front cover, above the series 16 receptacles, as required by NEC
- The Company Switch shall have the option to be rated as service entrance equipment.
- The Company Switch 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.
- The Company Switch shall be a PBS model as manufactured by Union Connector.



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| Standard Models | | | |
|-----------------|--------------|------------------|-----------------|
| CATALOG NUMBER | PART NUMBER | BREAKER AMPACITY | RECEPTACLE TYPE |
| PBS-M0610W-C/SP | CSC-0610-CSP | 60A. | Series 16 Cam |
| PBS-M1010W-C/SP | CSC-1010-CSP | 100A. | Series 16 Cam |
| PBS-M2010W-C/SP | CSC-2010-CSP | 200A. | Series 16 Cam |
| PBS-M4020W-CSP | CSC-4020-CSP | 400A. | Series 16 Cam |

