



## Outdoor Rated Basic Company Switch with Series 16 SafeCam®

### Features

- 60A – 400A
- UL Listed
- Type 3R enclosure
- Powder coated scratch resistant finish
- Protection from weather and vandalism
- SafeCam® monitoring system
- Series 16 SafeCam® receptacles with dummy plugs
- Lockable cable entry door on enclosure bottom
- 65k AIC @ 240V. molded case circuit breaker
- Standard rating – 3Ø 120/208V.
- Phase voltage indicator lights
- Wire bending space as required by the NEC

### Options

- Dual Neutral receptacles (200%)
- Reverse Neutral
- Reverse Ground
- Parallel sets of receptacles
- Series 16 Cam 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 4 construction
- Type 4X construction





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### Specifications

- The enclosure shall be Type 3R, fabricated from galvanized steel, and finished with a scratch resistant ANSI 61 Gray powder coating.
- The dimensions shall be as listed (in inches):

Amps	Height	Width	Depth
60 – 100	36	24	8
200	36	24	8
400	44	24	8
- The enclosure shall be provided with mounting tabs for surface mounting.
- The enclosure shall have a main access door with a continuous hinge, a hasp to accept a padlock and a drip shield above the door.
- A hinged door for entry of portable cable shall be located on the bottom of the enclosure. The cable entry door shall be secured by latch accessible only from inside the enclosure. Pad mounted enclosures may have the cable entry door located below the main access door on the front of the enclosure to allow for cable bending.
- Conduit entry shall be through the top of the internal 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	1# 6AWG - 300kcmil	#14AWG - 2/0 AWG
400	#2AWG – 500kcmil	1# 4AWG – 600kcmil	#14AWG - 2/0 AWG
- The main circuit breaker shall be a 3-pole, UL Listed 489 molded case type, with a current interrupt rating of 65kAIC @ 240V.
- The circuit breaker shall be equipped with a shunt trip mechanism controlled by the SafeCam® system. The SafeCam® system shall monitor the receptacles and open the main circuit breaker if a plug is removed from a receptacle or, if the main circuit breaker is closed while a receptacle is exposed (i.e. no plug or dummy plug inserted),
- All connections from the main circuit breaker to the receptacles and from the receptacles to bus bar shall be copper conductors
- The receptacles shall be Series 16 SafeCam® type, color coded, and mounted on an internal dead front receptacle panel
- A set of color-coded Series 16 “dummy” plugs shall be mechanically fastened to the receptacle panel.
- The device connection shall be made inside the Type 3R enclosure and the plugs shall remain inside the Type 3R enclosure while connected to the receptacles.
- The internal dead front receptacle panel shall contain slots between receptacles to eliminate hysteresis, as required by NEC Art. 300.20(b).
- (3) red LED indicator lights shall be provided, (1) per phase, to show voltage present at each phase receptacle.
- 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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<b>Standard Models</b>			
<b>CATALOG NUMBER</b>	<b>PART NUMBER</b>	<b>BREAKER AMPACITY</b>	<b>RECEPTACLE TYPE</b>
PBS-M0610W-SC-3R	CSC-0610-SC-3R	60A.	Series 16 SafeCam®
PBS-M1010W-SC-3R	CSC-1010-SC-3R	100A.	Series 16 SafeCam®
PBS-M2010W-SC-3R	CSC-2010-SC-3R	200A.	Series 16 SafeCam®
PBS-M4020W-SC-3R	CSC-4020-SC-3R	400A.	Series 16 SafeCam®

