



Basic Company Switch with Series 16 SafeCam®

Features

- 60A – 400A
- UL Listed
- Type 1 enclosure
- Black powder coated scratch resistant finish
- SafeCam® monitoring system
- Series 16 SafeCam® receptacles with dummy plugs
- 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%)
- Parallel sets of receptacles
- Series 16 Cam receptacles
- Posi-Lok™ receptacle panels
- Pin & Sleeve (IEC 309) receptacles
- Reverse Neutral / Ground
- 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)



Dummy Plugs Not Shown



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Specifications

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

Amps	Height	Width	Depth
60 – 100	15 1/2	18	6 1/2
200– 400	32	18	6 1/2
3. The enclosure shall be provided with (4) surface mounting tabs on 16" centers.
4. 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 dead front cover.
5. 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.
6. 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
- 7.. The main circuit breaker shall be a 3-pole, UL Listed 489 molded case type, with a current interrupt rating of 65kAIC @ 240V.
8. 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),
9. All connections from the main circuit breaker to the receptacles and from the receptacles to bus bar shall be copper conductors.
10. The receptacles shall be Series 16 SafeCam® type, color coded, and mounted on the receptacle panel at bottom of the enclosure.
11. A set of color-coded Series 16 “dummy” plugs shall be mechanically fastened to the receptacle panel.
12. The receptacle panel shall contain slots between the receptacles to eliminate hysteresis, as required by the NEC
13. Red indicator lights shall be provided to show voltage present at each phase receptacle when the main circuit breaker is closed.
14. 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 SafeCam® receptacles, as required by NEC.
15. The Company Switch shall have the option to be rated as service entrance equipment.
16. 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.
17. 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-SC	CSC-0610-SC	60A.	Series 16 SafeCam®
PBS-M1010W-SC	CSC-1010-SC	100A.	Series 16 SafeCam®
PBS-M2010W-SC	CSC-2010-SC	200A.	Series 16 SafeCam®
PBS-M4020W-SC	CSC-4020-SC	400A.	Series 16 SafeCam®

