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 www.unionconnector.com  
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**Product Bulletin No.: PBF-201**

## **Company Switch w/Connection Chamber**

### **Features**

- UL Listed
- NEMA 1 Steel enclosure
- Powder coat finish
- 65K AIC @ 240V. circuit breakers
- Industry standard Cam type outlets
- Connection chamber for direct-to-bus connection
- Shunt trip protection of connection chamber
- Integral strain relief in connection chamber
- Indicator lights
- Wire bending space as required by Code

### **Options**

- Dual Neutral outlets
- Meters - Analog or Digital ( Ammeter/Voltmeter )
- Special labeling
- Custom color / finish
- Reverse Ground/Neutral Cams
- Parallel sets of outlets
- SafeCam™ outlets
- Posi-Lok™ outlet panels
- Pin & Sleeve ( IEC 309) outlets
- Utility and Motor Branch circuits
- Recessed in-wall mounting
- NEMA 3R construction
- Isolated Ground



CSC-8000-SP  
 800A. Company Switch - Connection Chamber only

### **Standard Models**

CATALOG NO.	BREAKER AMPACITY	OUTLET TYPE
CSC-1010-C/SP	100A.	Cam
CSC-2010-C/SP	200A.	Cam
CSC-4020-C/SP	400A.	Cam
CSC-1010-SC/SP	100A.	SafeCam™
CSC-2010-SC/SP	200A.	SafeCam™
CSC-4020-SC/SP	400A.	SafeCam™
CSC-1010-P/SP	100A.	Posi-Lok™
CSC-2010-P/SP	200A.	Posi-Lok™
CSC-4020-P/SP	400A.	Posi-Lok™
CSC-6030-SP	600A.	Connection Chamber Only
CSC-8000-SP	800A.	Connection Chamber Only



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### Specifications

- Enclosure shall be powder coated blue, .minimum 14 Ga. steel, with dimensions as listed (in inches):

Amps	Height	Width	Depth
60 - 100	32	21	10
200 - 400	42	18	10
600 / 800	48	24	8

- The enclosure shall contain (4) mounting tabs for surface mounting.
- The front panel of the enclosure shall contain a recessed panel that exposes the circuit breaker handle. The top of the handle shall be below the plane of the front panel.
- The enclosure shall contain a hinged door to provide access to the output bus-bars. This door shall be secured with an adjustable panel latch. This area is called the connection chamber.
- A strain relief bar shall be provided inside the connection chamber for securing the load cables.
- The top panel shall be blank. Conduit entry through this panel shall be the responsibility of the installing contractor.
- The bottom of the enclosure shall contain a hinged flap or grommets holes for load cable access.
- Service connection shall be through conduit to lugs on bus/breaker, sized for copper conductors as listed:

Amps	Phase	Neutral	Ground
60-100	#14-4/0	#4-600MCM	#14-2/0
200	#6-300MCM	#4-600MCM	#14-2/0
400	(2) 250MCM (1) 500MCM	#4-600MCM	#14-2/0
600	(2) 400MCM (2) 500MCM	350-800MCM	#6-250MCM
800	(2) 500MCM (2) 750MCM	350-800MCM	#6-250MCM

- Main breaker shall be a Listed molded case, 3-pole, The breaker shall have a current interrupt rating of 65,000AIC at 240V.
- The Main breaker shall contain a shunt-trip mechanism that will trip the breaker when the micro-switch monitoring the access door to the connection chamber is opened.
- Indicator lights shall be provided to indicate phase voltage available on branch breaker

- Outlets shall be mounted on the bottom of the enclosure, and shall be UL Listed devices.
- Load connection bus-bars in the connection chamber shall contain a dual-rated solderless lug for cable connection. Lugs shall accept cable from 4 to 4/0.
- Company Switches with Posi-Lok™ type outlets shall be provided with the outlet panel only.
- Company switches with Cam type outlets shall be provided with color-coded outlets and spring-loaded covers.
- Company switches with Cam or SafeCam®™ type outlets shall contain slots between outlets to eliminate historesis, as required by the NEC.
- Company switches with Cam or SafeCam™ type outlets shall have a warning label permanently attached to enclosure, as required by NEC Art. 520-53k3. This label shall specify the proper sequence for connection and removal of cable
- All connections from the Main breaker to single pin outlets shall be by copper bus. Connections to Pin & Sleeve devices shall be copper wire.
- Company switches shall be rated suitable for use 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 manufacturer shall provide a completely factory assembled, wired and tested Company Switch.
- The Company Switch shall be a CSC/SP type, as manufactured by Union Connector Co., Inc.

