

# ENTERTAINMENT POWER SOLUTIONS



[www.eslpwr.com](http://www.eslpwr.com)










**ESL**  
POWER SYSTEMS  
AN EMPLOYEE OWNED COMPANY

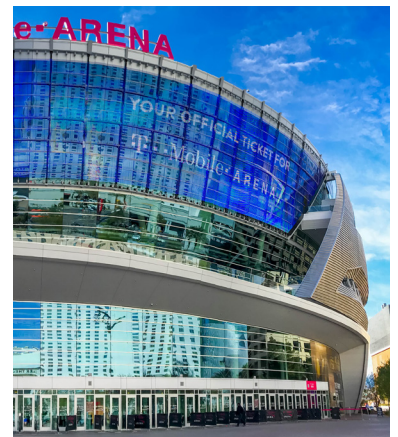


# SET STAGE *Power Distribution Solutions*

The safety and reliability of event power distribution are the cornerstones of a comprehensive electrical design for set stage applications. Successful execution of the plan is critical in creating the desired ambiance to consistently ensure high-quality performance.

With a continuous commitment to safety, ESL manufactures a complete line of ShowSwitch™ - Company Switches that are UL 891 Listed as Theatrical Switchboards. ESL also provides concert power distribution boards and power equipment for stadium and arena services such as concession power, broadcast truck power, and power pedestals. Customization capabilities and innovative designs provide ESL customers with unique event power distribution solutions specifically engineered to service entertainment venues such as:

- |                                     |   |                        |  |                               |   |
|-------------------------------------|---|------------------------|--|-------------------------------|---|
| ■ <b>Music Halls &amp; Theatres</b> |  | ■ <b>Sports Arenas</b> |  | ■ <b>Convention Centers</b>   |  |
| ■ <b>Houses of Worship</b>          |  | ■ <b>Opera Houses</b>  |  | ■ <b>Universities</b>         |  |
| ■ <b>Night Clubs</b>                |  | ■ <b>Theme Parks</b>   |  | ■ <b>Hotels &amp; Casinos</b> |  |



## About ESL

Established in 1995, ESL Power Systems, Inc. takes pride in developing safe solutions for the unique requirements of entertainment power distribution. ESL is a 100% Employee Owned Company and is comprised of a talented staff of professionals who place high value on teamwork and personal connection. By focusing on safety, quality, innovation, value and uncompromising customer service, ESL is able to accomplish its core objectives: developing customized solutions, providing unmatched support, and delivering superior products on time to each client.

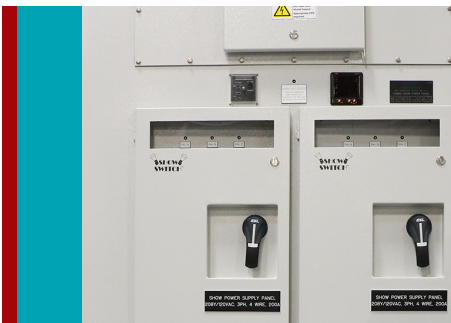


# INDEX



## ShowSwitch™ - Company Switches 1

Company Switches include cam-style receptacles to allow quick and easy connections. Company Switches incorporate safe and easy to use features that are not found in simpler electrical disconnects. Key features include safety-interlocked door, circuit breaker, and lights to indicate power is ON and cam-style plugs are mated.



## ShowSwitch™ - Combo Company Switches 3

Combo Company Switches eliminate the need to run multiple conduits to individual company switches. Combo Company Switches are available with and without a main circuit breaker.



## Custom Company Switches & Power Distribution Units 5

Entertainment facilities may have power requirements that cannot be met with an off-the-shelf solution. This is often true with large scale venues that have tailored designs to suit particular needs at lower ampacities.



## Pin & Sleeve Company Switches 7

Venues such as amusement parks and stadiums often require a compact footprint for set stage applications. Pin & Sleeve Company Switches can be manufactured in Type 1, 3R, or 4X enclosures and offer discreet power for various needs.



## Stadiums & Arenas 8

Food service, concession, broadcast, and end user convenience outlets are widely used in convention centers, sport event venues and theme parks to support a wide range of operations. ESL offers custom products for all stadium and arena power distribution needs.



# ShowSwitch™ *Standard Company Switches*

ESL's UL Listed standard company switch product line ranges from 100A - 400A. ShowSwitch company switches are equipped with a safety-interlocked door for safe connection, operation and maintenance. In addition, color-coded cam-style receptacles provide users with a simple plug & play connection while maintaining a compact footprint.

## Door

Prevents making or breaking under load. Fail-safe power disconnect when door is open

## Indicator Lights

Illuminate when individual cam-style connectors are mated and circuit breaker is on

## Type 1 Powder-coated Texture Black Enclosure

Type 3R or 3RX enclosures are powder-coated texture gray

Item No: 3322-01

## Color-coded Cam-style Receptacles

Safe, secure, and simple plug & play connection

## UL and cUL Listed Assembly

Ensures safety of unit and building code compliance for intended application

## Recessed Operator Handle

Eliminates obstruction in narrow passages and protects the handle from being damaged

## Padlockable Door

Prevents unauthorized access



Downloadable  
ShowSwitch Specifications:  
[www.ShowSwitch.com](http://www.ShowSwitch.com)



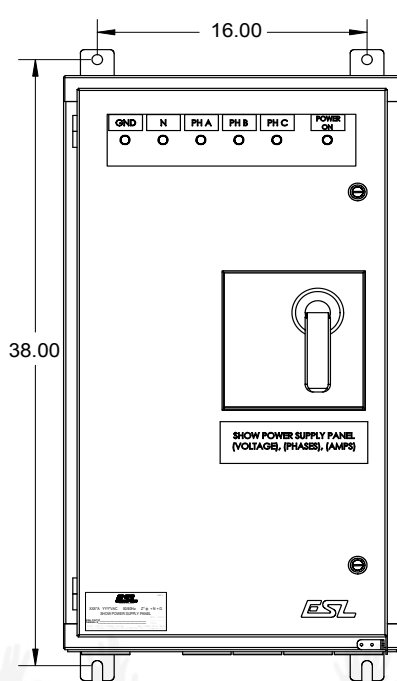
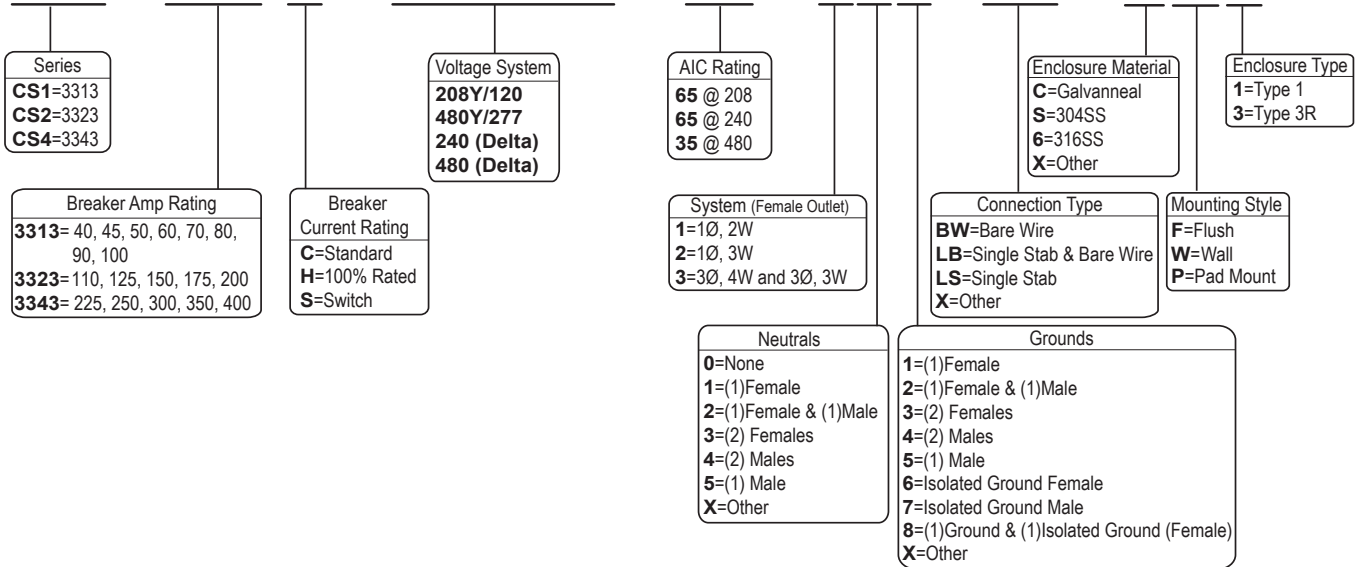
## Options:

- 100% rated circuit breaker
- Type 3R or 3RX (stainless steel) enclosure (gray)
- Reverse gender neutral & ground
- Dual neutral
- Isolated ground
- Direct lug (dual chamber)
- Shunt trip & aux contact for NFPA 72 (18.4.3) compliance
- Digital ammeter or multimeter
- Custom colors & textures
- \*POSI-LOK™ Panel for cam connections
- Side wireway for bottom conduit entry
- Flush mount style enclosure
- Connection chamber work lights

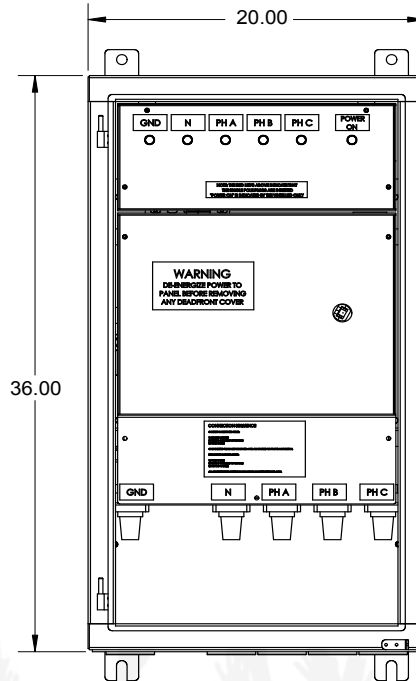


## Product Selection Information

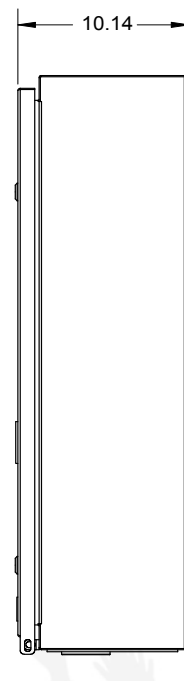
**Example: CS2 - 200C - 208Y/120 - 65 - 311 - LS - CW1**



**FRONT VIEW**



**FRONT VIEW - DOOR REMOVED**

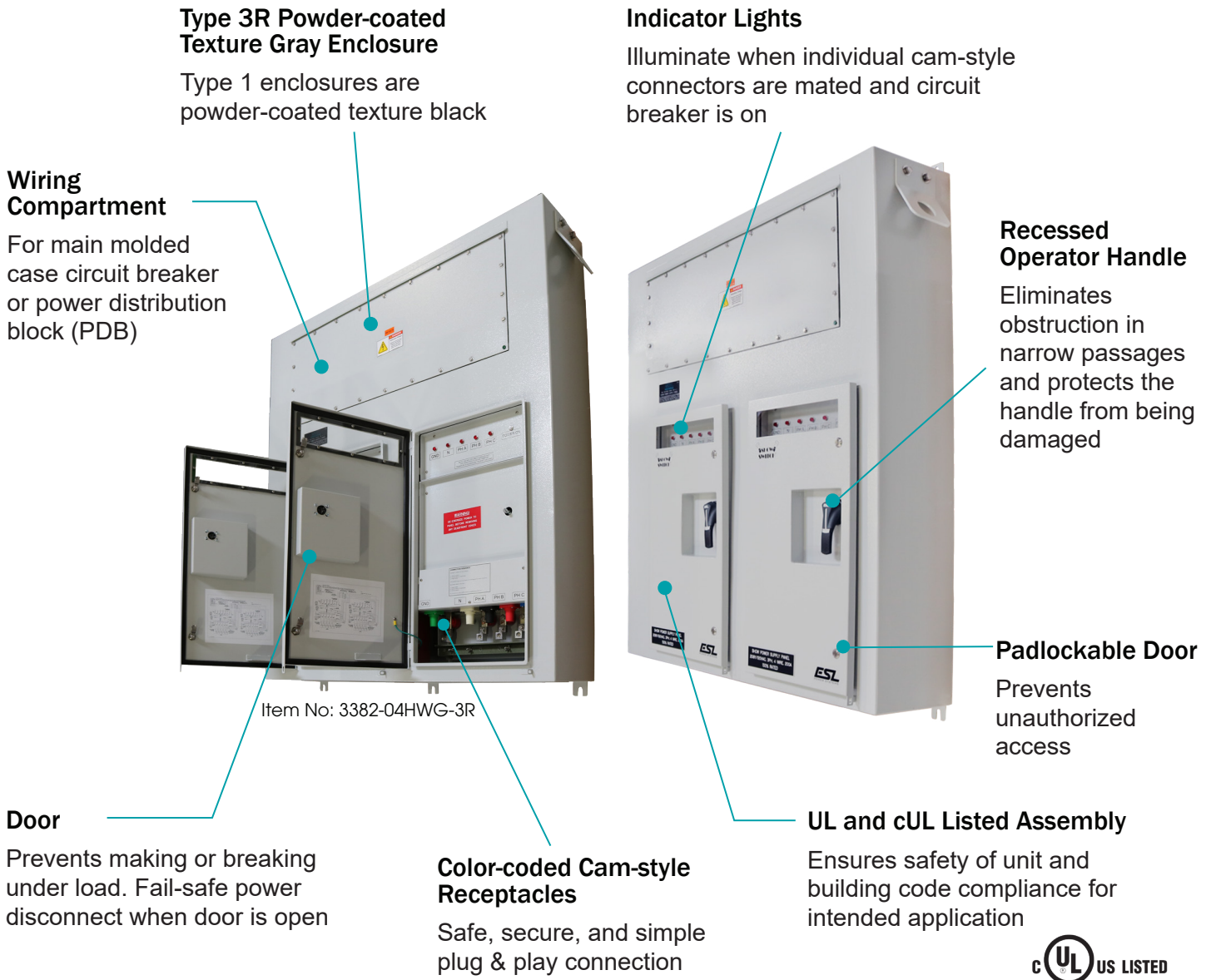


**SIDE VIEW**

Model	Current Rating	Voltage Rating (VAC)	Line Terminals	Neutral Terminal	Ground Terminal	Circuit Breaker Rating
3313-01	100AMP	208Y/120	#14 - 3/0	#6 - 250kcmil	#6 - 250kcmil	65kAIC @ 240VAC
3323-01	200AMP	208Y/120	3/0 - 350kcmil	#6 - 250kcmil	#6 - 250kcmil	65kAIC @ 240VAC
3343-01	400AMP	208Y/120	(2) 2/0 - 500kcmil	#2 - 600kcmil (2)	#6 - 250kcmil	65kAIC @ 240VAC

# ShowSwitch™ *Standard Combo Company Switches*

Combination company switches provide the flexibility for two units to be housed in one enclosure with a main circuit breaker or power distribution block feeding the individual company switches. In addition to ease of installation, this design eliminates the need to run multiple conduits to individual company switches.



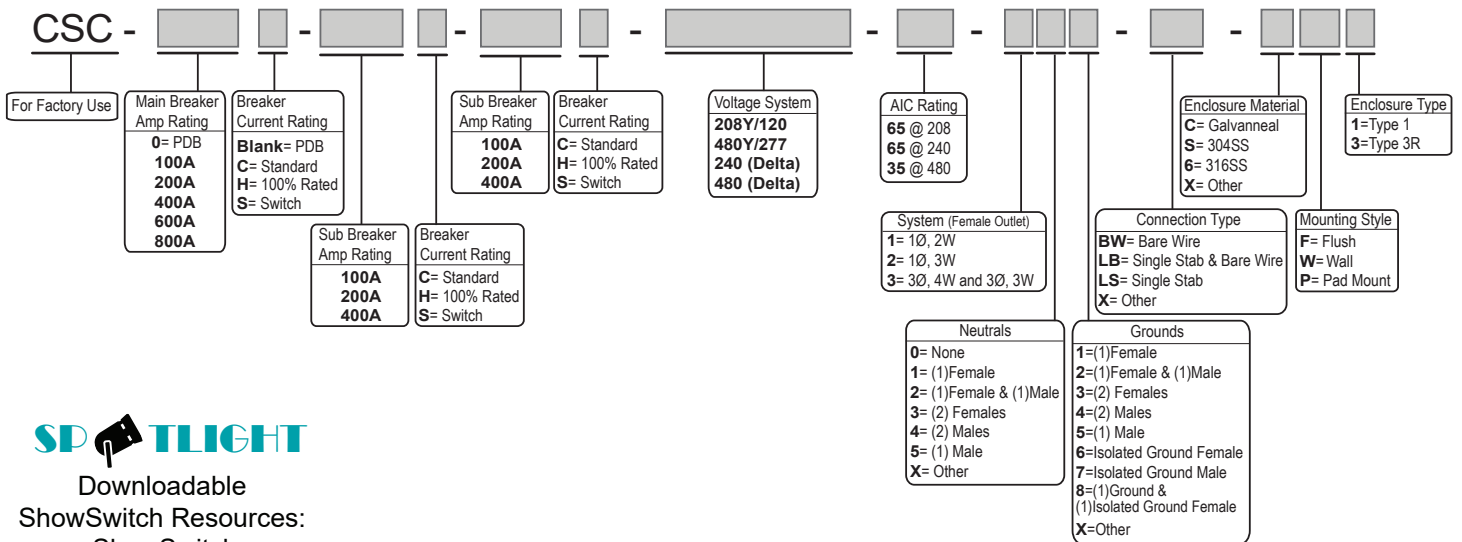
## Options:

- With or without main circuit breaker
- Type 1 steel enclosure (black)
- Type 3RX stainless steel enclosure (gray)
- Reverse gender neutral & ground
- Dual neutral
- Isolated ground
- Shunt trip & aux contact for NFPA 72 (18.4.3) compliance
- 100% rated circuit breaker
- Digital ammeter or multimeter
- Custom colors & textures
- \*POSI-LOK™ Panel for cam connections
- Side wireway for bottom conduit entry
- Direct lug (dual chamber)

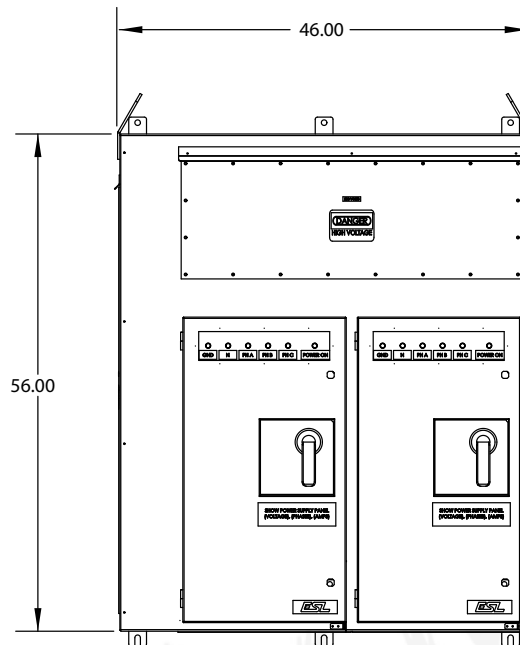


## Product Selection Information

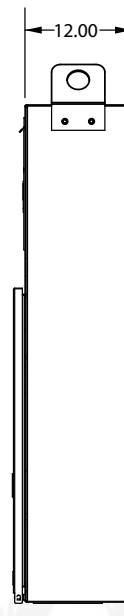
**Example: CSC - 400C - 200C - 200C - 208Y/120 - 65 - 311 - LS - CW1**



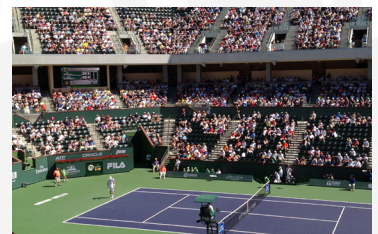
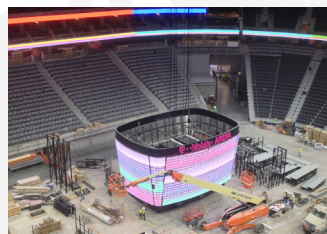
Downloadable  
ShowSwitch Resources:  
[www.ShowSwitch.com](http://www.ShowSwitch.com)



**FRONT VIEW**



### SIDE VIEW



# Custom Company Switches & Power Distribution Units



## Pad Mounted Company Switch

Pad mounted company switches allow for bottom conduit feed and include a separate hinged trapped door for portable cable hook up. Offered in Type 3R and Type 3RX for outdoor use, pad mounted company switches are an alternative to ESL's leg kit option for standard company switches.

Item No: 3322-09HWG-3R



## Outdoor Company Switch

Outdoor company switch assemblies are weatherproof and built to Type 4X standards, but are rated Type 3R due to cable openings in the bottom. Enclosures can also be manufactured in stainless steel (Type 3RX) for increased outdoor durability and corrosion resistance.

Item No: 3322-01WG-3R w/Optional Leg Kit

## Concert Power Distribution Boards

Multi-gang, free standing company switches allow for flexibility of positioning in open areas or locations lacking structural wall support. A main circuit breaker can also be included to provide a convenient power disconnect for added safety measure.



Item No: 5100-79-2A



Item No: 5100-79-2A - Concert Power Distribution Board

## Power Distribution Cabinet



Item No: 5101-60AL

## Company Switch with \*Cyberlock™



Item No: 3322-63-SGB-4X

\*Cyberlock™ is a trademark of Videx, Inc.



Item No: 3450-004WG



# Custom Company Switches & Power Distribution Units

In addition to standard company switches, ESL manufactures a variety of custom stage power distribution units for theaters, concert halls, and other entertainment venues.

When it comes to outfitting new or renovated facilities, ESL's engineering team excels in designing unique electrical stage power equipment to meet specific customer needs.



Item No: 3342-30HWG-3R



Item No: 3320-19B - Dual Chamber Flush Mount Company Switch



## Flush Mount

Flush mount (recessed mount) company switches protrude less than 1/4" from a finished wall surface and are well suited for narrow passageways and other tight spaces.

Item No: 3322-61WG-3R

## Dual Chamber

Dual chamber company switches (Cam Style / Bare wire) include separate internal chambers to provide the flexibility to connect via cam-style receptacles or make a direct connection with bare wire.



Item No: 3320-19B

## Custom Combo Units

Like standard combination company switches, custom combo units have the flexibility for multiple units to be housed in one enclosure with a main circuit breaker feeding the individual company switches. In addition, custom units can include a variety of options such as GFI receptacles, pin and sleeve receptacles and meters.



Item No: 3340-22A



Item No: 3450-11WG-3R

# Pin & Sleeve Company Switches

## Product Selection Information

### Pin & Sleeve

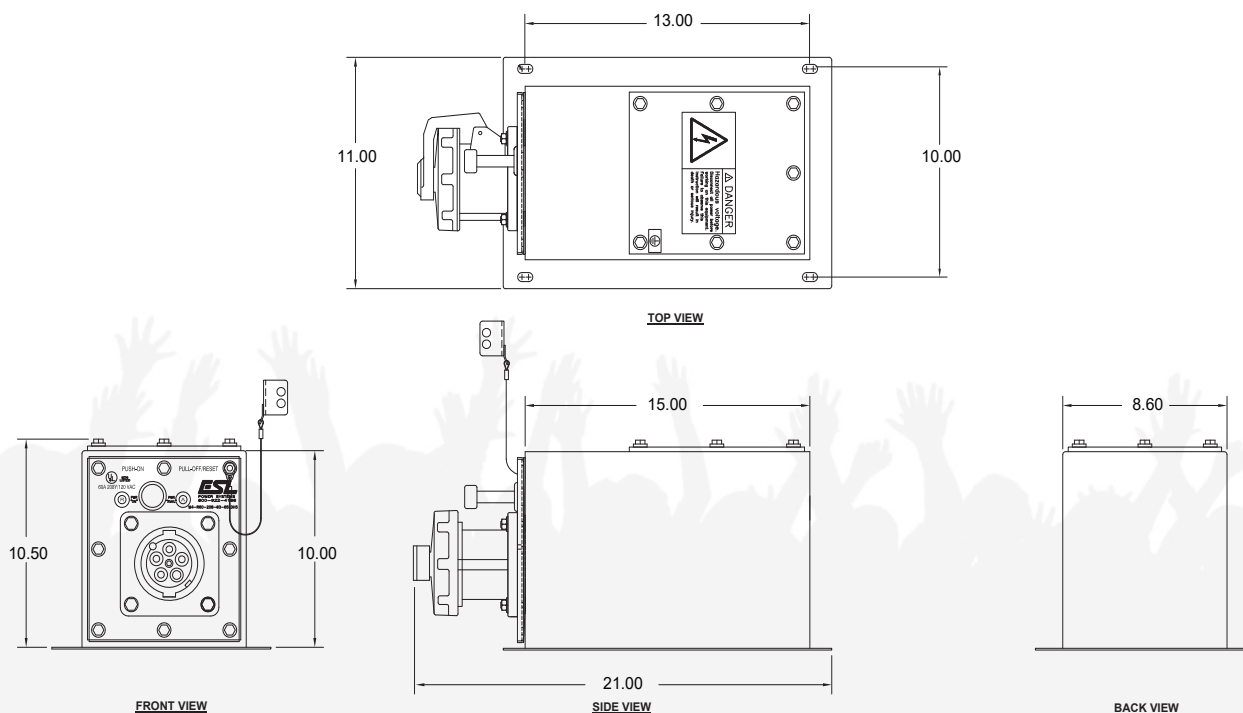
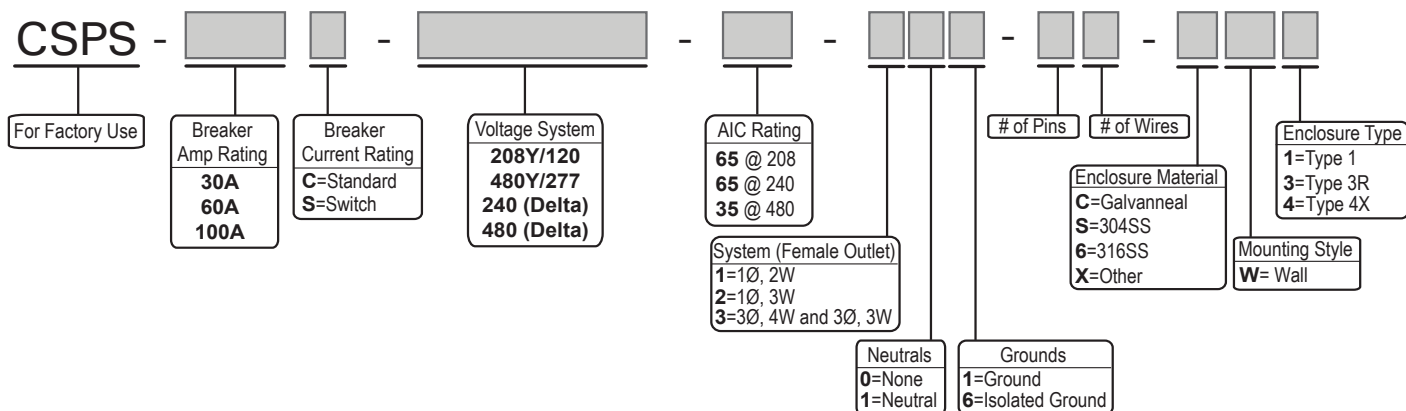
Pin & Sleeve company switches are safety-interlocked and equipped with an IEC style pin and sleeve receptacle, a circuit breaker, faceplate indicator lights, and a lockout device. In addition to a compact footprint, pin & sleeve company switches can be manufactured in a Type 1 enclosure or a Type 3R or Type 4X enclosure for outdoor installations. Once a plug is properly mated, the connection is watertight.



Item No: 2221-94

Item No: 3361-00A

**Example: CSPS - 100C - 208Y/120 - 65 - 311 - 55 - CW1**





# Stadiums & Arenas

## Food Service/Concession

ESL's food service/concession power pedestals or in-wall units can be supplied in various configurations and customized to meet outdoor concession needs. Common options include 60A - 100A pin and sleeve receptacles, 125V GFI receptacles, and 50A twist lock receptacles. Concession power is widely utilized in sporting venues, theme parks, and convention centers.



Item No: 3450-039SWG-3R



Item No: 3450-034ASWG-3R



Item No: 1320-04 - Concession Planter Box

## Broadcast Truck

Manufactured as Type 3R or 3RX enclosures, network uplink truck pedestals provide power and communications to ENG/SNG satellite news trucks for broadcast. Commonly used at stadiums, a broadcast truck power assembly contains two compartments. The power compartment consists of circuit breakers, cam-style receptacles, pin & sleeves, and twist lock receptacles. The signal compartment includes 19" equipment racks for broadcast equipment and satellite uplinks.



Item No: 3450-053WG-3R



Item No: 3450-051WG-3R

## Power Pedestals

Power pedestals provide a convenient footprint for end user power. Built with common power requirements for spectators such as 50A, 60A, and 100A receptacles, ESL's power pedestals provide convenient outlets for charging capabilities. Electric vehicle charging stations are also available in 20A and 40A configurations. Pedestals meet American Disabilities Act (ADA) requirements for public accommodations.



Item No: 3710-01SWG



Item No: 3710-02SW



Item No: 3450-001



Scan to learn more

**ESL**  
POWER SYSTEMS

AN EMPLOYEE OWNED COMPANY

ESL Power Systems, Inc. • 2800 Palisades Dr. Corona, CA 92880-9427  
Phone: 951.739.7000 • 800.922.4188 • [eslpwr.com](http://eslpwr.com) • [info@eslpwr.com](mailto:info@eslpwr.com)

[www.eslpwr.com](http://www.eslpwr.com)