

# CPS Factory Sealed 20 Amp Pin and Sleeve Receptacles

## Explosionproof

120-240 Vac, 20 Amp at 1 HP; 20 Amp at 24 Vdc. Dead-Front Safety Construction.

### NEC/CEC:

Class I, Division 1 and 2 Groups B $\diamond$ , C, D  
Class II, Division 1 and 2 Groups F, G  
NEMA 3RX $\bullet$ , 7BCD

**Does not intermate with  
Contender™ CPS 20 Amp  
Pin and Sleeve Receptacles**

### Applications

- Locations where receptacles are used with stationary or portable electrically operated devices such as:
  - Lighting systems
  - Conveyors
  - Heaters
  - Motor-generator sets
  - Air conditioners
  - Compressors
  - Pumps
- Locations where damp or corrosive conditions exist.

### Features

- Captive stainless steel hex head slotted screws.
- Plug mechanical cable clamps prevent strain on cables; they meet or exceed UL strain relief pull-out requirements.
- Insulators provide superior dielectric and mechanical strength and lowest arc tracking.
- Delayed action construction. Insert plug partially rotate slide on front of receptacle and insert plug fully.
- Factory sealed: external seals not required.
- CPS Series plug and receptacles are supplied with pressure terminal connectors.
- Energizes receptacle terminals deeply recessed to prevent accidental touching.

### Standard Materials

- Cover: copperfree (less than 4/10ths of 1%) aluminum
- Mounting bodies: malleable iron
- Insulating blocks: fiberglass reinforced thermoset polyester
- Cover gasket and plug grommet: neoprene

### Standard Finishes

- Malleable iron mounting bodies: triple-coat (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum covers: epoxy powder coat

### NEC/CEC Certifications and Compliances

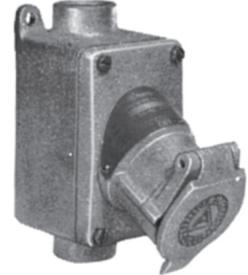
- UL Standard: UL 1010 (UL 1203)
- UL Listed: E10784, E81751
- CSA Standard: C22.2 No. 25, C22.2 No. 30, C22.2 No. 159
- CSA Certified: 038644

### Related Products

- For a EFSR-GFI Ground Fault Circuit Interrupter refer to the U-Line™ 20 Amp Receptacles within the *Plugs and Receptacles: Hazardous Location Section*.



CPS Receptacle  
15° Angle Type



CPS Receptacles  
with EFD Mounting Boxes

APPLETON™

PLUGS AND RECEPTACLES: NEC/CEC HAZARDOUS LOCATION

# CPS Factory Sealed 20 Amp Pin and Sleeve Receptacles

## Explosionproof

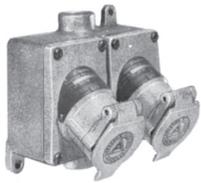
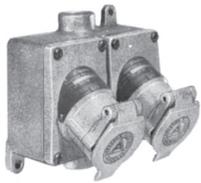
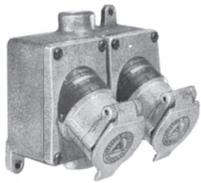
120-240 Vac, 20 Amp at 1 HP; 20 Amp at 24 Vdc. Dead-Front Safety Construction.

NEC/CEC ②:  
Class I, Division 1 and 2 Groups B<sup>+</sup>, C, D  
Class II, Division 1 and 2 Groups F, G  
NEMA 3RX<sup>+</sup>, 7BCD

*Does not intermate with  
Contender™ CPS 20 Amp  
Pin and Sleeve Receptacles*

APPLETON™

PLUGS AND RECEPTACLES: NEC/CEC HAZARDOUS LOCATION

	Type	Number of Gangs	Wire/Pole	Hub Size (Inches)	Catalog Number
<b>CPS Receptacle 15° Angle Type</b>					
	Dead-End	—	2W, 3P	1/2	CPSA-2350
				3/4	CPSA-2375
<b>CPS Receptacles with EFD Mounting Boxes</b>					
 CPC1	Dead-End	Single	2W, 3P	1/2	CPE1-2350
				3/4	CPE1-2375
				1	CPE1-23100
 CPC2 ①	Feed-Thru	Single	2W, 3P	1/2	CPC1-2350
				3/4	CPC1-2375
				1	CPC1-23100
 CPC2 ①	Dead-End	Two	2W, 3P	1/2	CPE2-2350
				3/4	CPE2-2375
				1	CPE2-23100
 CPC2 ①	Feed-Thru	Two	2W, 3P	1/2	CPC2-2350
				1	CPC2-23100
				3/4	CPC2-2375
<b>CPS Replacement Receptacle and Cover Assembly</b>					
	CPSR		2W, 3P		CPSR-23
	Replacement Spring Cover				CPSCA
<b>CPR Replacement Receptacle Cover Assembly Only</b>					
	CPR		2W, 3P		CPR23
	Spring Cover Kit				CPRCA
	NEMA 3X Corrosion Resistance Kit •				CPS233RXKIT
Description			Wire/Pole	Cable Dia. (Inches)	Catalog Number
<b>CPP Plugs for use with CPS Receptacles</b>					
	Pressure Terminals				
	Plug amperes match receptacle ratings		2W, 3P	.536 to .639	CPP2023

• NEMA 3X with Screw Cover Kit installed and cover full engaged.

① Suitable for Class I, Group C, D; Class I, Division 2, Group B, C, D; Class II, Groups F, G.

② For CEC version with CSA nameplate, add suffix **-CN** to plug and receptacle catalog number.

◆ Shaded area indicates items suitable for Class I, Group B in addition to Class I, Groups C and D. Applies to UL only.

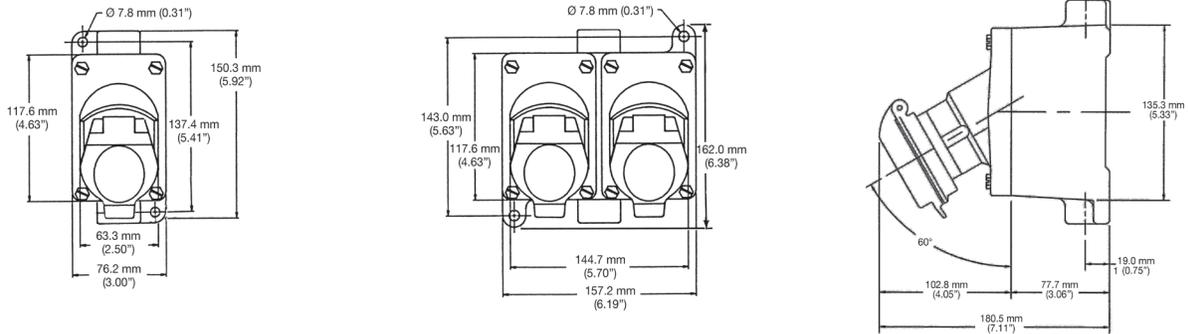
# CPS 20 Amp Factory Sealed Receptacles and CPP Plugs

NEC/CEC:  
 Class I, Division 1 and 2 Groups B♦, C, D  
 Class II, Division 1 and 2 Groups F, G  
 NEMA 3RX♦, 7BCD

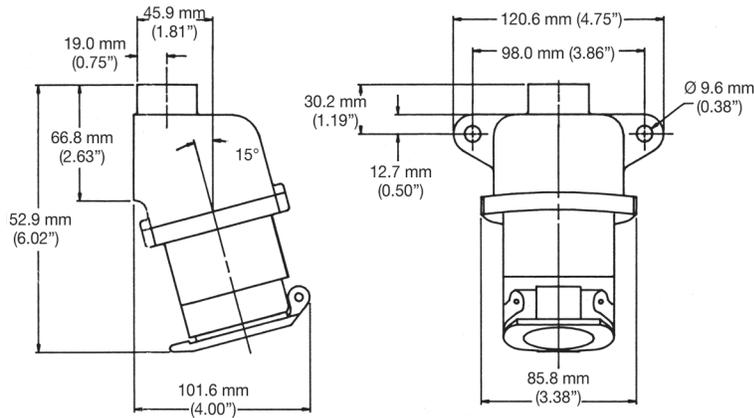
**Does not intermate with  
 Contender™ CPS 20 Amp  
 Pin and Sleeve Receptacles**

## Dimensions in Millimeters (Inches)

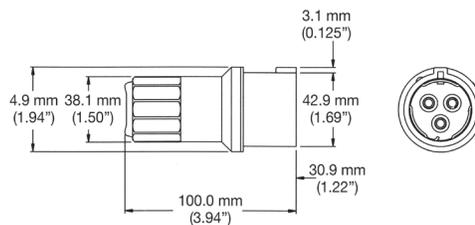
### CPSA 45° Angle Type Receptacle



### CPSA 15° Angle Type Receptacle



### CPP Plug



- ♦ Select items suitable for Class I, Group B in addition to Class I, Groups C and D. See product selection pages for suitable items.
- ♦ NEMA 3X with Screw Cover Kit installed and cover full engaged.