

# U-Line Plugs and Receptacles

## Interchangeability

Appleton U-Line EFS and Contender ENR receptacles are interchangeable with Crouse-Hinds™ ENP plugs of like NEMA blade configurations. Appleton U-Line Contender ENR receptacle covers are UL Classified to mount on Crouse-Hinds™ Ark • Gard® Series EDS mounting boxes. Appleton U-Line ECP and NCP plugs are UL Classified for use with Crouse-Hinds™ Ark • Gard® ENR receptacles and PowerGard® CFS Series receptacles.

## Full-Line Choice

Appleton U-Line receptacles are available in 20 Amps, 125 Vac or 250 Vac. They come standard with an aluminum cover and malleable iron mounting box. Aluminum mounting boxes are also available. Standard mounting box selections include either one or two-gang, dead-end or feed-thru hub configurations, and 1/2", 3/4", or 1" hub sizes. For installed mounting boxes, replacement receptacle cover assemblies are available.

Appleton U-Line Interchanger ECP and NCP plugs come standard in 15 or 20 Amps with the choice of aluminum (ECP) or polyester (NCP) body material, and 125 Vac or 250 Vac (20 Amp only).

## Safety:

- 1 Notch rejects plugs with unclassified NEMA blade configurations which could cause arcing in classified locations
- 2 Twist-lock secures plug in place so it cannot be withdrawn under load

## Durability:

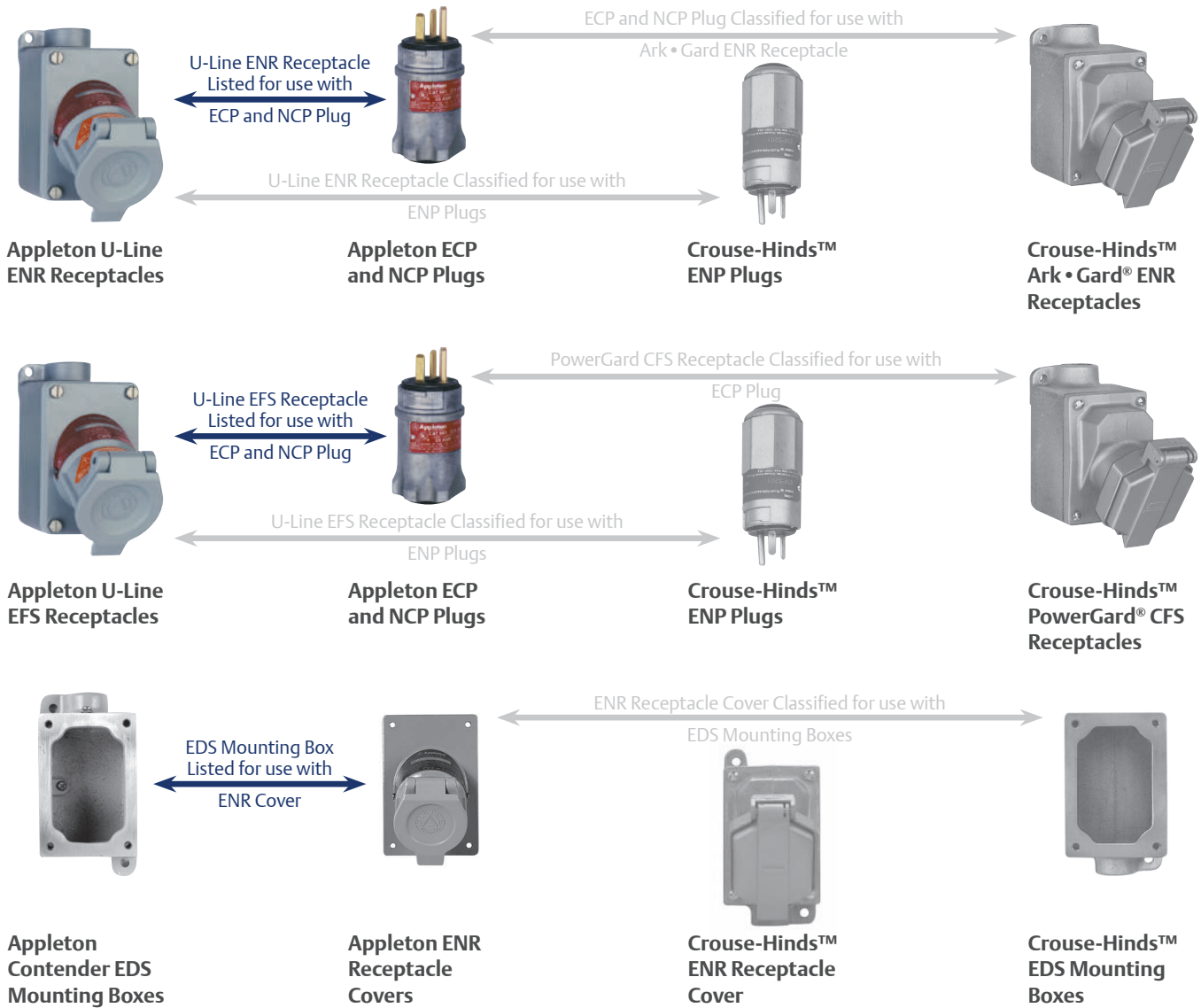
- 3 Spring-loaded cover keeps dust and water out when plug is not in use
- 4 Gasket seals around plug during use and cover when not in use for maximum ingress protection
- 5 Stainless steel hardware for increased longevity and ease of maintenance
- 6 Internal gasket in U-Line plug provides NEMA Type 4 protection

## Easy to Wire:

- 7 Larger terminals provide easier access for faster wiring
- 8 Standard size screws eliminate need for special tools



# U-Line Plugs and Receptacles *(continued)*



## Advantages:

- Exclusive NCP polyester version plug
- EFSB models have separate factory sealed chamber eliminating the need for external seals in Group B applications
- ECP and NCP plugs are NEMA Type 4 rated when unmated
- Lubricant provided with cover assemblies for NEMA 3 protection
- Triple coat finish on all iron products and epoxy powder coat on all aluminum products as standard

### Appleton Plugs/ Appleton Receptacles

- UL Listed
- UL File: E10784

### Appleton Receptacles/ Crouse-Hinds™ Plugs

- UL Classified for use with Listed Crouse-Hinds™ Plugs
- UL File: E10784

### Appleton ECP Plugs/ Crouse-Hinds™ Receptacles

- UL Classified for use with Listed Crouse-Hinds™ Receptacles
- UL File: E10589, E10289<sup>Ⓢ</sup>

### Appleton ENR Receptacle Covers/Crouse-Hinds™ Mounting Boxes

- UL Listed
- UL File: E157407

<sup>Ⓢ</sup> Crouse-Hinds UL file E10289: Crouse-Hinds PowerGard CFS receptacles Classified for use with Appleton ECP Series Plugs.

# EBR and JBR Interlocked Receptacles

## Interchangeability

Appleton EBR and JBR Series receptacles use standard Appleton Powertite plugs for wide acceptability. UL Classified for use with Crouse-Hinds™ Arktite® plugs.

## Full-Line Choice

Unlike other manufacturers, Emerson offers both an interlocked circuit breaker and non-fused disconnect switch mechanism on the Appleton EBR Series. The EBRH disconnect switch version is available in 30, 60 or 100 Amps, and the EBR circuit breaker version up to 150 Amps. The EBR Series is available with Cutler-Hammer™ EHD (480 Vac), FDB (600 Vac), and FD (600 Vac) breakers or equivalent GE breakers. The Appleton JBR Series is available with a non-fused disconnect switch in 30 or 60 Amps. Both the EBR and JBR Series utilize Style 2 (2-wire, 3-pole or 3-wire, 4-pole) grounding styles.

## Safety:

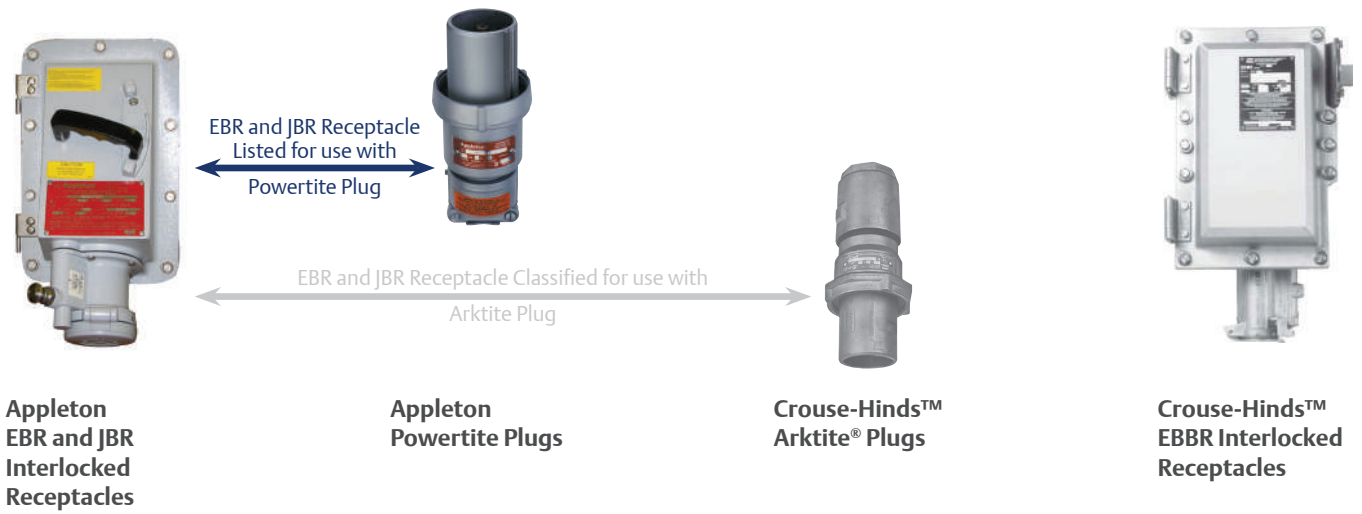
- 1 Knob mechanism prevents plug removal unless handle position is OFF and the knob is actuated
- 2 Style 2 (shell and extra pole) grounding
- 3 Plug must be inserted into receptacle before the switch can be energized
- 4 EBR breakers are trip-free and will open under short circuit and overload scenarios

## Ease of Use:

- 5 Solderless lugs are provided for line connections
- 6 Receptacle is prewired to the load side of breaker or switch
- 7 Cover-mounted components make pulling of line conductors and wiring easier
- 8 1-1/2" NPT feed-thru conduit openings; JBR has one top and bottom and the EBR one top and two bottom
- 9 Stainless steel hinges and mounting feet are robust and make mounting easy
- 10 Additional 3/4" threaded openings at top and bottom for optional drain and breather; reducers furnished



# EBR and JBR Interlocked Receptacles *(continued)*



## Advantages:

- Choice of interlocked circuit breaker or disconnect switch
- Screw cover supplied at no additional charge for NEMA 4 protection
- Epoxy powder coat finish as standard

### Appleton Plugs/Appleton Receptacles

- UL Listed
- UL File: E10784

### Appleton Receptacles/Crouse-Hinds™ Plugs

- UL Classified for use with Listed Crouse-Hinds™ Arkтите® Plugs
- UL File: E10784

# WSR and WSRD Interlocked Receptacles

## Interchangeability

Appleton WSR and WSRD Series receptacles use standard Appleton Powertite plugs for wide acceptability. UL Classified for use with Crouse-Hinds™ Arktite® plugs.

## Full-Line Choice

The Appleton WSR and WSRD Series is available in 30, 60 or 100 Amps in both fused and non-fused versions. For quick visible fuse indication the WSRD Series has window versions available. The WSR Series enclosure material is cast aluminum (NEMA 4X), and the WSRD Series in both sheet metal (NEMA 3 and 12) or stainless steel (NEMA 4X and 12). Receptacle assemblies on all models come standard with a NEMA 3 spring-loaded cover and NEMA 4X screw cover (provided at no additional cost) to permit flexibility to meet NEMA 3 or 4 applications.

## Safety:

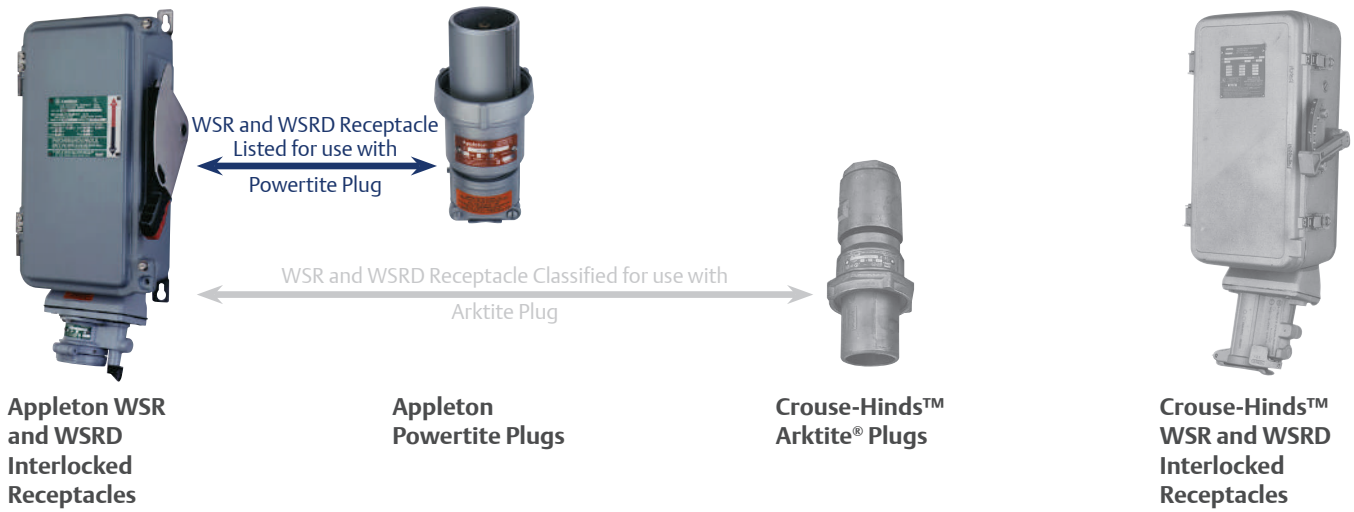
- 1 Interlock mechanism prevents plug removal unless handle position is OFF and the lever is actuated
- 2 Style 2 (shell and extra pole) grounding
- 3 Plug must be inserted into receptacle before the switch can be energized
- 4 Lockable "OFF" position safeguards maintenance performed down line
- 5 Dual-color handle indicates when the switch is energized as reflected by cover markings
- 6 Lockable cover prevents unauthorized access
- 7 Cover cannot be opened in the ON position and prevents energizing when open

## Ease of Use:

- 8 Stainless steel hinges and mounting feet are robust and make mounting easy
- 9 Removable hinged cover allows for ease of installation and maintenance



# WSR and WSRD Interlocked Receptacles *(continued)*



## Advantages:

- WSR cast aluminum enclosure NEMA 4X
- Screw cover supplied at no additional charge for NEMA 4 protection
- WSR and receptacle assembly come with epoxy powder coat finish as standard

### Appleton ACP Plugs/Appleton Receptacles

- UL Listed
- UL File: E145916 and E145917

### Appleton Receptacles/Crouse-Hinds™ Plugs

- UL Classified for use with Listed Crouse-Hinds™ Plugs
- UL File: E145962

# FSQC Interlocked Receptacles

## Interchangeability

Appleton FSQC Series receptacles use standard Appleton Powertite plugs for wide acceptability. UL Classified for use with Crouse-Hinds™ Arktite® plugs.

## Full-Line Choice

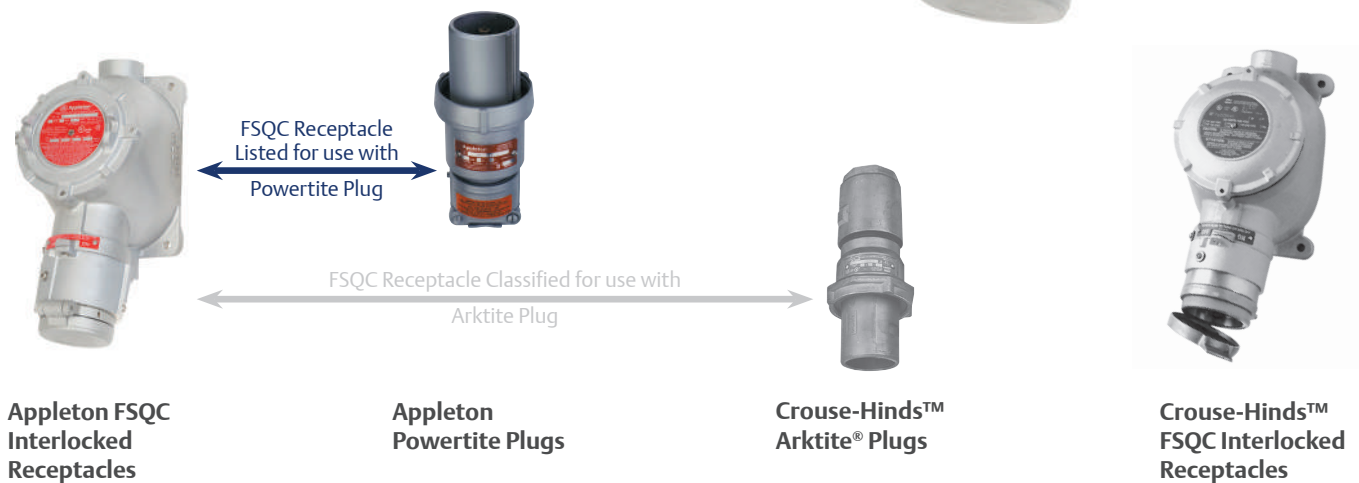
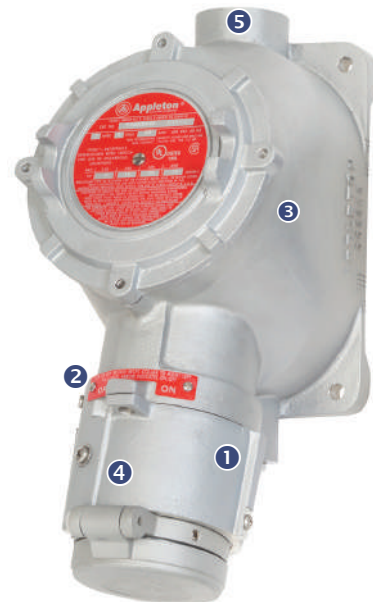
The Appleton FSQC Series is available in 30, 60, and 100 Amps. When certain applications require additional safety for receptacle differentiation, contact rotation (-P4) is available. Get more capabilities, such as auxiliary contacts (-AUX) for signaling your process control system when a plug is energized or de-energized.

### Safety:

- Interlocked disconnect switch ensures that the plug cannot be removed, or the access cover opened, while under load
- ① Style 2 (shell and extra pole) grounding
- ② Receptacle collar plate indicates whether the device is energized or de-energized

### Ease of Use:

- ③ Large housing provides ample wiring room
- ④ To operate, insert plug and turn receptacle collar to "ON" position. To remove plug, turn collar to OFF position and pull plug out
- ⑤ Tapped NPT conduit openings at top and bottom



**Appleton FSQC Interlocked Receptacles**

**Appleton Powertite Plugs**

**Crouse-Hinds™ Arktite® Plugs**

**Crouse-Hinds™ FSQC Interlocked Receptacles**

### Advantages:

- Auxiliary contacts (1NO + 1NC) option available
- Screw cover supplied at no additional charge for NEMA 4 protection
- Epoxy powder coat finish as standard

#### Appleton Plugs/Appleton Receptacles

- UL Listed
- UL File: E10784

#### Appleton Receptacles/Crouse-Hinds™ Plugs

- UL Classified for use with Listed Crouse-Hinds™ Arktite® Plugs
- UL File: E10784

# Contender CPS Receptacles and CPP Plug

## Interchangeable

Appleton Contender CPS Series receptacles are UL Classified for use with Crouse-Hinds™ CPP516 plug.

## Full-Line Choice

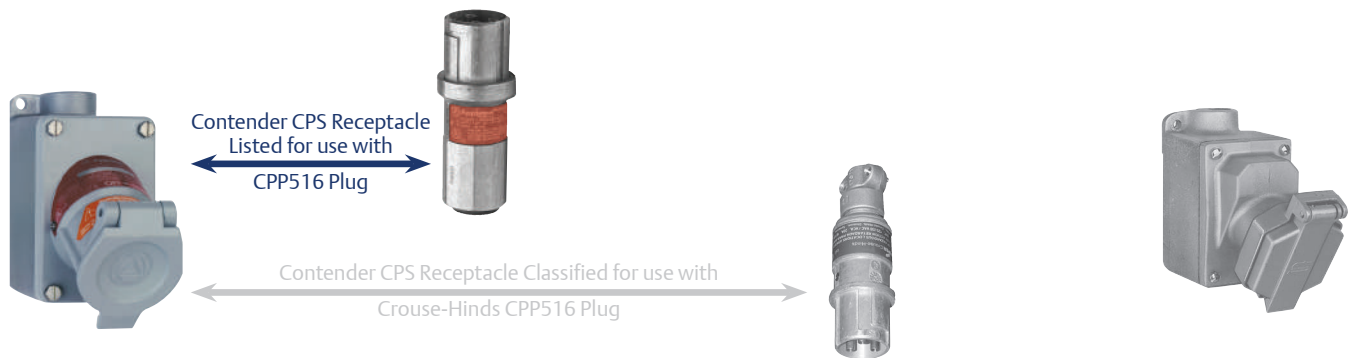
U-Line Contender CPS Series 125-250 Vac receptacles come standard with an aluminum cover and malleable iron mounting box. Aluminum mounting boxes are also available. Standard mounting box selections include either one or two-gang, dead-end or feed-thru hub configurations, and 1/2", 3/4", or 1" hub sizes. Receptacle and GFI combinations are available when portable electrical equipment requires ground fault protection.

## Safety:

- ① Dead-front delayed action design provides users added safety when connecting and disconnecting
- ② Deeply recessed contacts minimize possibility of accidental touching and exposed arcs

## Ease of Use:

- ③ Receptacles are factory sealed so no external seals are required, making wiring and installation faster
- ④ Slotted hex-head stainless steel hardware for increased longevity and ease of maintenance



**Appleton Contender CPS Receptacles**

**Appleton CPP516 Plug**

**Crouse-Hinds™ CPP516 Plug**

**Crouse-Hinds™ CPS Receptacles**

## Advantages:

- Triple coat finish on all iron products and epoxy powder coat on all aluminum products as standard

### Appleton Plugs/Appleton Receptacles

- UL Listed
- UL File: E10784

### Appleton Receptacles/Crouse-Hinds™ Plugs

- UL Classified for use with Listed Crouse-Hinds™ Plug
- UL File: E10784