Applications:
SRD dead front interlocked receptacles, switches, and SP plugs are used:
• To supply power to portable electrical equipment such as motor-generator sets, compressors, heating and cooling units, lighting systems, conveyors and similar equipment
• In areas which are hazardous due to the presence of flammable vapors or gases and combustible dusts
• In damp, wet or corrosive locations
• Indoors or outdoors at petroleum refineries, chemical and petrochemical plants, as well as facilities for processing and handling grain, flour and starch

Features:
• SRD receptacles feature a built-in rotary switch that operates automatically when the plug is inserted and withdrawn. The switch, capable of making and breaking the circuit at full rated load, is operated by a helical blade in the center of the plug.
• The plug and receptacle contacts cannot be made or broken under load. When the plug is inserted, the plug and receptacle contacts engage before the switch closes. When the plug is withdrawn, the switch opens before the plug and receptacle contacts disengage. This sequence of operation provides the maximum safety of a dead front receptacle. Arcing is isolated in a flame and dust-tight chamber.
• Operation is simple, safe and positive. To disconnect the portable device, the plug is simply pulled straight out. No separate interlock device or operating handle need be actuated.
• Positive engagement without mismating is assured by a distinct physical polarization of plug and receptacle in every rating.
• Plugs are furnished with pressure terminations. Receptacles are furnished with flexible leads for splicing to the supply conductors. A threaded cover at the top provides access to the wiring compartment.
• Back box is provided with 1 1/2" vertical through feed hubs.

Certifications and Compliances:
• NEC:
  Class I, Division 1 and 2, Group D
  Class II, Division 1 and 2, Groups F, G
  Class III
  NEMA 3, 7D, 9FG, 12
• ANSI/UL Standard: 1010

Standard Materials:
• Back box – Feraloy® iron alloy
• Threaded cover – copper-free aluminum
• Receptacle housings and plug exteriors – copper-free aluminum
• Insulation – high impact glass filled phenolic
• Contacts – brass

Standard Finishes:
• Feraloy iron alloy – electrogalvanized and aluminum acrylic paint
• Copper-free aluminum – natural
• Phenolic – natural (black)
• Brass – silver plated

Options:
• Special polarity – where two or more receptacles of the same ampere rating and number of poles are to be installed in the same area for use on different voltages, alternate polarizations can be furnished. Details on request.

Electrical Rating Ranges:
• 30 and 60 amperes, 480VAC

Grounding:
• SRD receptacles and SP plugs are provided with an extra grounding pole. In plugs, provision is made for attachment of a grounding wire to the grounding pole. In addition, direct connection is provided between plug and receptacle housings and the grounding pole. In the receptacle, grounding is accomplished through the conduit system.

CAUTION: To reduce the risk of ignition of hazardous atmospheres, do not use plugs or receptacles in Class II, Group F locations that contain electrically conductive dusts.

Dimensions
In Inches:

4P SRD Dead Front Interlocked Receptacles with Factory Sealed Switch

SP Plugs, 480 VAC, 60–400 hertz

Cl. I, Div. 1 and 2, Group D
Cl. II, Div. 1 and 2, Groups F, G
Cl. III
NEMA 3, 7D, 9FG, 12
Explosionproof
Dust-Ignitionproof
Raintight
Wet Locations

Crouse-Hinds by E•T•N

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SRD Dead Front Interlocked
Receptacles with Factory
Sealed Switch

SP Plugs, 480 VAC, 60–400 hertz

Cl. I, Div. 1 and 2, Group D
Cl. II, Div. 1 and 2, Groups F, G
Cl. III
NEMA 3, 7D, 9FG, 12
Explosionproof
Dust-Ignitionproof
Raintight
Wet Locations

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**Back Box – 1½" Vertical Through Feed Hubs**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Description</th>
<th>With Spring Door</th>
<th>With Cable Grip and Neoprene Bushing</th>
<th>With Threaded Cap</th>
<th>With Cable Grip and Neoprene Bushing</th>
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<tr>
<td></td>
<td></td>
<td>Cat. #</td>
<td>Cable Dia.</td>
<td>Cat. #</td>
<td>Cable Dia.</td>
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<td>30 amp.</td>
<td>2-wire, 3-pole</td>
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<td>.500 to .875</td>
<td>SP3363N</td>
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<tr>
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<td>3-wire, 4-pole</td>
<td>SRD3424D</td>
<td>.500 to .875</td>
<td>SP3463D</td>
<td>.500 to .875</td>
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<tr>
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<td>4-wire, 5-pole</td>
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<td>SP3563 NW</td>
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<td>60 amp.</td>
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<td>SP6363N</td>
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<tr>
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<td>SP6463D</td>
<td>.500 to .875</td>
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<tr>
<td></td>
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<td>SP6565 NW</td>
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