IDSR Interlocked Switched Receptacles

For use in CEC governed locations. With Breaker or Disconnect Switch, Fusible or Non-fusible. Weatherproof. Watertight. For use with Powertite® ACP plugs.

CEC:
NEMA 3, 3R, 4, 4X, 5, 12
(30 Amp receptacle is not available as TYPE 4X)

Applications
- Used to supply power to portable and mobile electrical equipment in all indoor and outdoor non-hazardous locations.
- Used to provide short circuit protection to portable equipment when supplied with a circuit breaker or fused disconnect.
- Provides a convenient ON-OFF mechanism.
- Ideal for use in areas where dust, dirt or moisture is a problem.
- Suitable for use in:
  - Chemical plants
  - Process facilities
  - Meat packing plants
  - Other manufacturing industries
- Provides high amperage power to heavy equipment such as:
  - Motor-generator sets
  - Compressors
  - Heating and cooling units
  - Welders
  - Conveyors

Features
- Receptacles are provided with a safety-interlock system. Plugs cannot be inserted or removed unless the power switch is in the OFF position.
- The Safety-Interlock is designed to free both hands for insertion and removal of the plug.
- A cover interlock is provided to prevent entry to the enclosure while the operator is in the “ON” position.
- Uses standard Powertite ACP or CPH plugs for wide acceptability.
- Furnished with rugged cast aluminum housings.
- Flip cap standard and screw cap provided at no additional cost to meet TYPE 4X applications (screw cap not available on 30 amp).
- Receptacles with 3 phase 4 wire grounded receptacles are pre-wired to the breaker or disconnect switch.
- Patented brass receptacle contacts exert constant pressure for good electrical continuity.
- Appleton’s insulating blocks provide the greatest dielectric and mechanical strength.
- Ergonomically designed yet rugged cast aluminum handle for exceptional durability and corrosion resistance.
- 600 Vac FB Circuit Breakers.
- Provision is made for locking the operating mechanism in the OFF position.
- Cast Aluminum, Spring Door: Enclosure 3 and 5.
- Cast Aluminum, Screw Cap: Enclosure 3, 4X and 5.
- Stainless Steel: Enclosure type 3, 3R, 4, 4X, 12.

Standard Materials
- Enclosure and Receptacle: cast copperfree (4/10 of 1% max.) aluminum

Standard Finish
- Corrosion resistant grey epoxy paint

Options
- One normally opened, one normally closed auxiliary switch, add suffix –AUX.
- Lockable cover latch add suffix –DL.
- LED Indicator Lights: one light indicates power unit and other indicates switch is in ON position add suffix –IL.
- Supplied with viewing window add suffix –W.

CEC Certifications and Compliances
- CSA Standard: C22.2 No. 4, C22.2 No. 5, C22.2 No. 182.1
- CSA Certified: 048391

Related Products
- Uses standard Powertite® ACP or CPH plugs for wide acceptability.

UL Classified for use with Crouse-Hinds Arktite® plugs. Arktite is a registered trademark of Cooper Crouse-Hinds.
Certified to meet the Canadian Electrical Code (CEC) only.
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NEMA 3, 3R, 4, 4X, 5, 12

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<table>
<thead>
<tr>
<th>Amp.</th>
<th>Fusing</th>
<th>HP at 600 Vac 3-Phase †</th>
<th>Without Viewing Window</th>
<th>With Viewing Window</th>
<th>Aux. Contacts ‡</th>
<th>Mating Plug</th>
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<tbody>
<tr>
<td>30</td>
<td>Fused</td>
<td>7.5/20</td>
<td>IDSR3034</td>
<td>IDSR3034-W</td>
<td>WS30AUX1</td>
<td>WS30AUX2</td>
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<tr>
<td>60</td>
<td>Fused</td>
<td>15/50</td>
<td>IDSR6034</td>
<td>IDSR6034-W</td>
<td>WS60AUX1</td>
<td>WS60AUX2</td>
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<tr>
<td>100</td>
<td>Fused</td>
<td>30/70</td>
<td>IDSR1034</td>
<td>IDSR1034-W</td>
<td>WS100AUX1</td>
<td>WS100AUX2</td>
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<tr>
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<td>Non-Fused</td>
<td>25</td>
<td>IDSR3034-NF</td>
<td>IDSR3034-NF-W</td>
<td>WS30AUX1</td>
<td>WS30AUX2</td>
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<tr>
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<td>Non-Fused</td>
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<td>IDSR1034-NF-W</td>
<td>WS100AUX1</td>
<td>WS100AUX2</td>
</tr>
</tbody>
</table>

### Dimensions in Millimeters (Inches)

![Diagram](image)

* Fuses not included.
† Auxiliary contacts ordered separately for field installation.
‡ STD/MAX ratings based on type of fuse used eg. For IDSR 3034 – rated at 7.5 HP with standard fuse or rated at 20 HP with time delay fuse.

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Visit our website at [www.appletonolec.com](http://www.appletonolec.com) or contact us at (800) 621-1506.

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