MATING PLUG:
The WBR accepts standard Crouse-Hinds® Arktite Heavy Duty plugs:

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<th>AMPS</th>
<th>DESCRIPTION</th>
<th>CATALOG #</th>
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<td>30</td>
<td>3W4P, Aluminum, 600VAC</td>
<td>APJ3485</td>
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APPLICATION
WBR Series interlock receptacles are designed to mount to an enclosure and interface with a safety switch or breaker that is installed inside the enclosure. The WBR Interlock Receptacle interfaces with the switch or breaker mechanism to prevent plug insertion or withdrawal under load. The WBR Receptacle provides connection and distribution of secondary electrical power (600V or less) between a power source and portable or stationary electrical equipment.

DESCRIPTION
The WBR is shipped ready to install, including mounting hardware. The WBR6442 is shown below (Figure 1) with spring door. The WBR6442 S752 series is epoxy coated with screw cap and bead chain for NEMA 4X hose down requirements.

Figure 1

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CAUTION
The WBR Series Receptacle should be installed, inspected, operated and maintained by qualified and competent personnel.

WARNING
Electrical power must be turned OFF before and during installation and maintenance.

INSTALLATION
The WBR is designed to mount to the bottom of a sheet metal, stainless steel or cast enclosure.

1. Attach WBR to enclosure using four (4) mounting screws provided.
2. Check alignment of interlock rod and receptacle interlock arm. Interlock rod end should be flush to flat surface of receptacle interlock arm, preventing movement of enclosure main switch handle.
3. Attach green ground wire to ground lug inside enclosure (Figure 2).

WARNING
Before assembling a WBR Series Receptacle, a wiring pattern must be established for your system. Locations having different voltages, frequencies or types of current (AC or DC) MUST NOT have interchangeable attachment plugs per section 210-7F of National Electrical Code and/or per Rule 26-700 (4) of Canadian Electrical Code.* For each system the same colored wire must be put into the same numbered contact on all plugs and receptacles in that system. This will assure correct system polarity and eliminate the possibility of equipment damage and/or personal injury due to misphasing or shorts.

4. Attach black conductors to switch, fuse block or breaker inside enclosure (Figure 3). Tighten terminal lugs to manufacturers recommended torque value.
5. Test for proper operation by inserting plug. Receptacle handle should release and cause plug to be locked in place. Main power handle can now be turned “ON”. Plug should not be able to be withdrawn.

WARNING
Receptacle handle must not be able to travel towards “release” position with main switch “on”. Risk of defeating interlock feature if receptacle handle travels too far towards “release” position.

MAINTENANCE

WARNING
Always disconnect primary power source before opening the enclosure for inspection or service.

1. Frequent inspection should be made. A schedule for maintenance checks should be determined by the environment and frequency of use. It is recommended that it should be at least once a year.
2. Perform visual, electrical and mechanical checks on all components, on a regular basis.

WARNING
If any part of these plugs and/or receptacles appears to be broken or shows signs of damage DISCONTINUE USE IMMEDIATELY. Replace, or properly repair, the item(s) BEFORE continuing service.

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All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds “Terms and Conditions of Sale”, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.

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