504 / 518 / 527 / 545 SERIES
WATERTIGHT ROUND JUNCTION BOXES
Installation & Wiring Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Caution: Read carefully before installing and wiring. Any warning or special instructions should be closely followed. Check the ratings to insure suitability for the environment & supply. Must be installed in accordance with the NEC or CEC and all other applicable codes. These junction boxes are not suitable for hazardous locations. All junction boxes must be properly grounded.

INSTALLATION & ELECTRICAL WIRING

Warning: Risk of electrical shock hazard, only qualified personnel should conduct this procedure.
Do not make electrical connections with the power ON. Apply lubricant to all screws and threads during installation, failure to use can result in voiding warranty.

1. Locate and drill cable gland hole through the thickened area of the junction box (0A) per instructions furnished with cable gland (not provided). Clean all foreign material out of junction box.
2. Mount the junction box (0A) with mounting hardware (not provided). See illustration below for mounting dimensions.

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Size NPT</th>
<th>Mfg. Hardware</th>
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</thead>
<tbody>
<tr>
<td>504</td>
<td>3/4&quot;</td>
<td>1/4&quot; bolts</td>
</tr>
<tr>
<td>518</td>
<td>1/2&quot;</td>
<td>#10 screws</td>
</tr>
<tr>
<td>527</td>
<td>1&quot;</td>
<td>1/4&quot; bolts</td>
</tr>
<tr>
<td>545</td>
<td>1 1/2&quot;</td>
<td>1/4&quot; bolts</td>
</tr>
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</table>

3. Cables should be stripped back approx. 3" - 5" to allow individual wires to flex.
4. Install cable gland (not provided) to junction box (0A) per instructions furnished with cable gland.
5. Route cable in through cable gland and secure seal on cable jacket.
7. Connect Green or earth wire to green ground screw (4B).

Note: Clean inside junction box and gasket surface free of debris prior to reassembly of cover. Verify that gasket cover (7A) was not damage and is in correct position.
8. Mount cover (1A) with screws (9A) provided. Torque screws only enough to insure a good gasket seal.

518 Model - Torque #6 screws (9A) to approx. 5-8 in*lbs.
504/527/545 Models - Torque #10 screws (9A) to approx. 10-20 in*lbs.

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.