**Duplex Receptacles – Product Features**

**Extra Heavy Duty Industrial Grade Duplex Receptacles**

- **Heavy-duty, copper alloy self-grounding system**
- **Back wire ground clamp**
- **Circuit ID marking area**
- **One-piece grounding system with integral solid brass grounding contacts**
- **Heavy-duty, copper alloy self-grounding system**
- **Thread-cleaning, captive mounting screws**
- **Heavy-duty nickel and brass plated steel wrap-around yoke**
- **Thick-walled, high-impact nylon wrap-around face and base**
- **One-piece, triple-wipe line contacts**
- **Back wiring: eight wiring pockets for convenient feed-thru wiring; clamp-type terminals**
- **Easy access break-off tab for two-circuit wiring**
- **Brass terminal screws; accepts up to #10 wire**

**Corrosion-Resistant Duplex Receptacles**

- **Stainless steel mounting screws resist corrosion**
- **Circuit ID marking area**
- **Nickel and tin plated copper-alloy contacts and terminals resist corrosion**
- **Molded of impact/chemical resistant high visibility yellow nylon**
- **Heavy-duty nickel-plated brass mounting straps resist corrosion**
- **One-piece rivetless copper-alloy power contacts reduce heat buildup and provide secure plug blade retention**

For the latest prices, please check AutomationDirect.com.
Industrial Grade Duplex Straight Blade Receptacles

**Features**

- One-piece grounding system, including integral self-grounding strap
- Full-face, wraparound design is molded of high-impact, chemical-resistant nylon
- Extended barrier (shroud) on sides of cover surround wire terminals for added insulation and isolation of conductors
- Heavy-duty wraparound steel yoke locked in for maximum strength and security
- Double-plated yoke (nickel & brass) to resist corrosion
- Back wiring: eight wiring pockets for convenient feed thru wiring, clamp-type terminals accept up to #10 wire
- Terminal screws: brass combination Phillips/slotted/Robertson binding head accepts up to #10 wire
- Approved for CU wire only
- Large green, combination Phillips/slot/Robertson hex head grounding screw
- Back wire ground clamp for quick and convenient wiring
- Center splined bushing interlocks with receptacle body to prevent rotation when fastening wall plates
- Easily accessible break-off tab for two-circuit wiring

**Agency Approvals/Standards**

- UL File E2258 Guide #RTRT
- CSA Certified File LR16215 Guide #365E1
- Complies with NEMA standards WD-1, WD-6, AND UL498
- Verified under Fed. Spec. #WC596 (where applicable)
- CE

---

**Duplex Straight Blade Receptacles**

<table>
<thead>
<tr>
<th>Poles</th>
<th>Amperage</th>
<th>NEMA #</th>
<th>Voltage</th>
<th>Configuration</th>
<th>Part Number</th>
<th>Color</th>
<th>Style</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Pole 3 Wire</td>
<td>15A</td>
<td>5-15</td>
<td>125V AC/DC</td>
<td>5-15R</td>
<td>BRY5262</td>
<td>Gray</td>
<td>$10.00</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td>BRY5262GRY</td>
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<td></td>
<td></td>
<td>BRY5262CR</td>
<td>Yellow</td>
<td>$11.00</td>
<td></td>
</tr>
<tr>
<td>5-15R</td>
<td>BRY5262</td>
<td></td>
<td></td>
<td></td>
<td>BRY5262</td>
<td>Gray</td>
<td>$11.00</td>
<td></td>
</tr>
<tr>
<td>2 Pole 3 Wire</td>
<td>6-15</td>
<td>250V AC/DC</td>
<td>6-15R</td>
<td>BRY5662</td>
<td>Brown</td>
<td>$14.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-20</td>
<td>125V AC/DC</td>
<td>5-20R</td>
<td>BRY5362</td>
<td>Gray</td>
<td>$12.00</td>
<td></td>
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<td></td>
</tr>
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<td></td>
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<td>BRY5362GRY</td>
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<td>BRY5362CR</td>
<td>Yellow</td>
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<td>BRY5362</td>
<td></td>
<td></td>
<td>$14.00</td>
<td></td>
</tr>
<tr>
<td>5-20R</td>
<td>BRY5362</td>
<td></td>
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<td>BRY5462</td>
<td>Brown</td>
<td>$16.50</td>
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<td></td>
</tr>
<tr>
<td>6-20</td>
<td>250V AC/DC</td>
<td>6-20R</td>
<td>BRY5462</td>
<td>Brown</td>
<td>$16.50</td>
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* Corrosion-resistant, nylon construction, self-grounding, back- and side-wired

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For the latest prices, please check AutomationDirect.com.
# Industrial Grade Duplex Straight Blade Receptacles Specifications and Drawings

<table>
<thead>
<tr>
<th>Duplex Receptacle Part Numbers</th>
<th>BRY5262GRY</th>
<th>BRY5662</th>
<th>BRY5363GRY</th>
<th>BRY5462</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amperage</td>
<td>15A</td>
<td>20A</td>
<td></td>
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</tr>
<tr>
<td>Maximum working voltage</td>
<td>125V AC/DC</td>
<td>250V AC/DC</td>
<td>125V AC/DC</td>
<td>250V AC/DC</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>Maximum continuous 60°C, minimum -40°C (without impact)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature rise</td>
<td>Less than 30°C temperature rise at full rated current after 50 cycles overload at 150% rated current for either AC or DC applications per UL498</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terminal accommodation</td>
<td>#14–#10 AWG Copper conductor only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terminal screw</td>
<td>Fork slot = 0.400 x 0.060 terminal screw #10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Torque specifications</td>
<td>Terminal screw 14 lb-in (1.6 N·m)</td>
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</tr>
<tr>
<td>Dielectric voltage</td>
<td>Withstands 2000V per UL498</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

## Dimensions in inches [mm]

![Dimensions Diagram]

For the latest prices, please check AutomationDirect.com.
Watertight Wiring Devices - Weather Protective Accessories

Portable Outlet Boxes Features

- Non-conductive, impact resistant thermoplastic elastomer boxes reduce the exposure to potential hazards
- Automatic centering strain relief cord clamps
- NEMA Type 1, IP44
- Cord range 0.38” to 0.50” [9.7 mm to 12.7 mm]
- For use with 15A or 20A duplex receptacles (not included)
- Flip seals protect against wet environments and moisture when closed

Materials

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRY3099</td>
<td>Portable outlet box, 2 sides open to allow for up to 2 duplex receptacles, accepts cord size 0.38 to 0.5 in, NEMA 1, PBT thermoplastic elastomer housing, yellow.</td>
<td>$43.00</td>
</tr>
<tr>
<td>BRY3056</td>
<td>Outlet box cover with lift cover, UL Type 3R, for use with portable outlet box BRY3099 and 15A or 20A duplex receptacles (not included)</td>
<td>$18.50</td>
</tr>
<tr>
<td>BRY3054</td>
<td>Blank cover plate, UL Type 3R. For use with portable outlet box BRY3099.</td>
<td>$3.50</td>
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UL Cross Reference

<table>
<thead>
<tr>
<th>Part Number</th>
<th>UL Part Number</th>
<th>UL File Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRY3099</td>
<td>HBL3099</td>
<td>E92074</td>
</tr>
<tr>
<td>BRY3056</td>
<td>HBL3056</td>
<td>E92074</td>
</tr>
<tr>
<td>BRY3054</td>
<td>HBL3054</td>
<td>E92074</td>
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</table>

For the latest prices, please check AutomationDirect.com.
# Locking Style NEMA Configurations

<table>
<thead>
<tr>
<th>Voltage</th>
<th>NEMA</th>
<th>15 Ampere</th>
<th>20 Ampere</th>
<th>30 Ampere</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Receptacle/Plug</td>
<td>Receptacle/Plug</td>
<td>Receptacle/Plug</td>
</tr>
<tr>
<td>125V</td>
<td>L5</td>
<td><img src="L5-15R" alt="Image" /> <img src="L5-15P" alt="Image" /></td>
<td><img src="L5-20R" alt="Image" /> <img src="L5-20P" alt="Image" /></td>
<td><img src="L5-30R" alt="Image" /> <img src="L5-30P" alt="Image" /></td>
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<tr>
<td>250V</td>
<td>L6</td>
<td><img src="L6-15R" alt="Image" /> <img src="L6-15P" alt="Image" /></td>
<td><img src="L6-20R" alt="Image" /> <img src="L6-20P" alt="Image" /></td>
<td><img src="L6-30R" alt="Image" /> <img src="L6-30P" alt="Image" /></td>
</tr>
<tr>
<td>277V</td>
<td>L7</td>
<td><img src="L7-15R" alt="Image" /> <img src="L7-15P" alt="Image" /></td>
<td><img src="L7-20R" alt="Image" /> <img src="L7-20P" alt="Image" /></td>
<td><img src="L7-30R" alt="Image" /> <img src="L7-30P" alt="Image" /></td>
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<tr>
<td>480V</td>
<td>L8</td>
<td><img src="L8-20R" alt="Image" /> <img src="L8-20P" alt="Image" /></td>
<td><img src="L8-30R" alt="Image" /> <img src="L8-30P" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>600V</td>
<td>L9</td>
<td><img src="L9-20R" alt="Image" /> <img src="L9-20P" alt="Image" /></td>
<td><img src="L9-30R" alt="Image" /> <img src="L9-30P" alt="Image" /></td>
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</tr>
<tr>
<td>125/250V</td>
<td>L14</td>
<td><img src="L14-20R" alt="Image" /> <img src="L14-20P" alt="Image" /></td>
<td><img src="L14-30R" alt="Image" /> <img src="L14-30P" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3ø 250V</td>
<td>L15</td>
<td><img src="L15-20R" alt="Image" /> <img src="L15-20P" alt="Image" /></td>
<td><img src="L15-30R" alt="Image" /> <img src="L15-30P" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3ø 480V</td>
<td>L16</td>
<td><img src="L16-20R" alt="Image" /> <img src="L16-20P" alt="Image" /></td>
<td><img src="L16-30R" alt="Image" /> <img src="L16-30P" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3ø 600V</td>
<td>L17</td>
<td><img src="L17-20R" alt="Image" /> <img src="L17-20P" alt="Image" /></td>
<td><img src="L17-30R" alt="Image" /> <img src="L17-30P" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3øY 120/208V</td>
<td>L21</td>
<td><img src="L21-20R" alt="Image" /> <img src="L21-20P" alt="Image" /></td>
<td><img src="L21-30R" alt="Image" /> <img src="L21-30P" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3øY 277/480V</td>
<td>L22</td>
<td><img src="L22-20R" alt="Image" /> <img src="L22-20P" alt="Image" /></td>
<td><img src="L22-30R" alt="Image" /> <img src="L22-30P" alt="Image" /></td>
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</tr>
</tbody>
</table>

# Straight-Blade Style NEMA Configurations

<table>
<thead>
<tr>
<th>Voltage</th>
<th>NEMA</th>
<th>15 Ampere</th>
<th>20 Ampere</th>
<th>30 Ampere</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Receptacle/Plug</td>
<td>Receptacle/Plug</td>
<td>Receptacle/Plug</td>
</tr>
<tr>
<td>125V</td>
<td>5</td>
<td><img src="5-15R" alt="Image" /> <img src="5-15P" alt="Image" /></td>
<td><img src="5-20R" alt="Image" /> <img src="5-20P" alt="Image" /></td>
<td><img src="5-30R" alt="Image" /> <img src="5-30P" alt="Image" /></td>
</tr>
<tr>
<td>250V</td>
<td>6</td>
<td><img src="6-15R" alt="Image" /> <img src="6-15P" alt="Image" /></td>
<td><img src="6-20R" alt="Image" /> <img src="6-20P" alt="Image" /></td>
<td><img src="6-30R" alt="Image" /> <img src="6-30P" alt="Image" /></td>
</tr>
</tbody>
</table>

Note: Please see Appendix for
1.) Mechanical and electrical properties of material data
2.) Chemical resistance of material
3.) Table III Hp rating chart
Wiring Devices – NEMA Wiring Diagrams

Reference material only. Please see Wiring Section in the catalog for product part number.

2-Pole 2-Wire

125V

208V or 250V

2-Pole 3-Wire Grounding

125V

208V or 250V

277V AC

For the latest prices, please check AutomationDirect.com.
Wiring Devices – NEMA Wiring Diagrams

2-Pole 3-Wire Grounding

480V AC

600V AC

3-Pole 3-Wire

125V/250V AC

3φ 250V AC

3φ 480V AC
Wiring Devices – NEMA Wiring Diagrams

3-Pole 3-Wire Continued

3φ 600V AC

600V AC  600V AC

600V AC

L13-30R

3-Pole 4-Wire Grounding

125/250V AC

W

SYS. GR.

250V AC

125V AC

250V AC

125V AC

14-15R 14-20R 14-30R 14-50R 14-60R L14-20R L14-30R


3φ 250V AC

250V AC

250V AC

250V AC


3φ 480V AC

480V AC

480V AC

480V AC

L16-20R L16-30R

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Wiring Devices – NEMA Wiring Diagrams

3-Pole 4-Wire Grounding Continued

3Ø 600V AC

4-Pole 4-Wire

3ØY 120/208V AC

3ØY 277/480V AC

3ØY 347/600V AC

For the latest prices, please check AutomationDirect.com.
4-Pole 5-Wire Grounding

3φY 120/208V AC

3φY 277/480V AC

3φY 347/600V AC

For the latest prices, please check AutomationDirect.com.