Rapid deployment of critical power that can be used in a variety of applications
RECEPTACLE TYPES:
• NEMA, Standard locking or straight blade
• IEC 309, Pin and Sleeve
• Russelstoll™, Inline or box type
• California-style

CABLE CONFIGURATION:
• Liquid Tight conduit cables
• SO Cord assemblies with male plugs
• SO Cord assemblies with female connectors
• Metal-clad cables

CUSTOM CABLE CONFIGURATIONS:
• Single or multiple circuit cables
• Cable and tails cut to any length
• Ten liquid-tight conduit colors to separate primary power from redundant power, identify individual cable runs and mark each panel board within the PDU
• Plug-in or Bolt-in style circuit breakers available for your convenience
• Variety of mounting options available (i.e. uni-strut, back box or pedestal mounts)

CUSTOM CABLE LABELING
Label at both ends of each cable with
• UL Certification
• PDU/RP Identification
• Circuit Number
• Optional Customer Logo

PERFORMANCE CHARACTERISTICS

Cable Testing
All cables are 100% factory-tested and checked to ensure performance and reliability.
Ground continuity and Hi-Pot quality assurance testing is performed on each cable. These tests meet UL requirements for prefabricated wiring systems.
• Ground integrity
• Continuity
• No insulation leakage
• Circuit voltage capacity (tested at twice-rated circuit voltage plus 1000 volts)
• Proper phase rotations
Following in the same tradition of quality and timely service used in our data network product lines, Phoenix Optix is proud to introduce PowerDrive, our newest product offering.

PowerDrive includes a family of UL and CUL Listed power distribution cables used in both overhead and under floor power applications. These products supply critical power that can be used in a variety of applications such as data centers, co-locations, cell towers, entertainment and industrial automation and many other places where critical power distribution is needed.

All components used to manufacture PowerDrive assemblies are UL Listed and 100% tested, which helps eliminate field failures or work disruption. Each assembly can be supplied with custom labeling configurations to assist in location identification and expedite installation time.

Whether you are a data center owner/manager or an electrical contractor, PowerDrive factory terminated assemblies are designed to help save time and labor and to help reduce overall project costs.

We offer quick turnaround on all PowerDrive Assemblies. Please contact the PowerDrive Team to get a rapid response for any of your power distribution needs. We thank you and we look forward to hearing from you.

**Quality**
- UL listed assemblies manufactured in an ISO registered facility

**Reliability**
- All assemblies are 100% factory tested

**Economical**
- Pre-packaged and ready to install
- Quick turn around
- UL listed cable assemblies DO NOT have to be securely fastened every 4.5 ft per NEC article 645.5(F)

**Application**
- Custom length, colors and labeling

**Our Commitment**
- A Quality product delivered on time- every time

**Watertight Solutions Available**
- UL type 4, 4X & 12
- IP 66 suitability
- Both NEMA & IEC pin & sleeve configurations available
- Consult sales to match your specific requirements
# PowerDrive NEMA Locking Devices

## Cable Specifications

<table>
<thead>
<tr>
<th>PART#</th>
<th>DESCRIPTION</th>
<th>LT CONDUIT SIZE</th>
<th>WIRE AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>L5-20R-XX-YY</td>
<td>20A, 125V AC, 1PHASE, 2P-3W</td>
<td>.5&quot;</td>
<td>12AWG</td>
</tr>
<tr>
<td>L5-30R-XX-YY</td>
<td>30A, 125V AC, 1PHASE, 2P-3W</td>
<td>.5&quot;</td>
<td>10AWG</td>
</tr>
<tr>
<td>L6-20R-XX-YY</td>
<td>20A, 250V AC, 1PHASE, 2P-3W</td>
<td>.5&quot;</td>
<td>12AWG</td>
</tr>
<tr>
<td>L6-30R-XX-YY</td>
<td>30A, 250V AC, 1PHASE, 2P-3W</td>
<td>.5&quot;</td>
<td>10AWG</td>
</tr>
<tr>
<td>L14-20R-XX-YY</td>
<td>20A, 125/250V AC, 1PHASE, 3P-4W</td>
<td>.5&quot;</td>
<td>12AWG</td>
</tr>
<tr>
<td>L14-30R-XX-YY</td>
<td>30A, 125/250V AC, 1PHASE, 3P-4W</td>
<td>.5&quot;</td>
<td>10AWG</td>
</tr>
<tr>
<td>L15-20R-XX-YY</td>
<td>20A, 250V AC, 3PHASE, 3P-4W</td>
<td>.5&quot;</td>
<td>12AWG</td>
</tr>
<tr>
<td>L15-30R-XX-YY</td>
<td>30A, 250V AC, 3PHASE, 3P-4W</td>
<td>.5&quot;</td>
<td>10AWG</td>
</tr>
<tr>
<td>L21-20R-XX-YY</td>
<td>20A, 120/208V AC, 3PHASE Y, 4P-5W</td>
<td>.75&quot;</td>
<td>8AWG</td>
</tr>
<tr>
<td>L21-30R-XX-YY</td>
<td>30A, 120/208V AC, 3PHASE Y, 4P-5W</td>
<td>.75&quot;</td>
<td>8AWG</td>
</tr>
</tbody>
</table>

Add Z in-front of the part# for isolated ground
Consult sales for NEMA Straight Blade Assemblies

## Length in Feet

<table>
<thead>
<tr>
<th>XX</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>1</td>
</tr>
<tr>
<td>02</td>
<td>2</td>
</tr>
<tr>
<td>03</td>
<td>3</td>
</tr>
</tbody>
</table>

### Conduit Color

<table>
<thead>
<tr>
<th>YY</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL</td>
<td>blue</td>
</tr>
<tr>
<td>GY</td>
<td>grey</td>
</tr>
<tr>
<td>RD</td>
<td>red</td>
</tr>
<tr>
<td>GR</td>
<td>green</td>
</tr>
<tr>
<td>BK</td>
<td>black</td>
</tr>
<tr>
<td>YL</td>
<td>yellow</td>
</tr>
<tr>
<td>OR</td>
<td>orange</td>
</tr>
<tr>
<td>PK</td>
<td>pink</td>
</tr>
<tr>
<td>WH</td>
<td>white</td>
</tr>
<tr>
<td>PR</td>
<td>purple</td>
</tr>
</tbody>
</table>

Variety of mounting options available: back boxes, pedestal, and uni-strut
### PART# | DESCRIPTION | LT CONDUIT SIZE | WIRE AWG
---|---|---|---
320C6W-XX-YY | 20A, 250V AC, 1PHASE, 2P-3W | .5" | 12AWG
330C6W-XX-YY | 30A, 250V AC, 1PHASE, 2P-3W | .5" | 10AWG
420C9W-XX-YY | 20A, 250V AC, 3PHASE, 3P-4W | .5" | 12AWG
430C9W-XX-YY | 30A, 250V AC, 3PHASE, 3P-4W | .5" | 10AWG
360C6W-XX-YY | 60A, 250V AC, 1PHASE, 2P-3W | .75" | 6AWG
460C9W-XX-YY | 60A, 250V AC, 3PHASE, 3P-4W | .75" | 6AWG

### PART# | DESCRIPTION | LT CONDUIT SIZE | WIRE AWG
---|---|---|---
320P6W-XX-YY | 20A, 250V AC, 1PHASE, 2P-3W, PLUG | .5" | 12AWG
320R6W-XX-YY | 20A, 250V AC, 1PHASE, 2P-3W, RECEPTACLE | .5" | 12AWG
330P6W-XX-YY | 30A, 250V AC, 1PHASE, 2P-3W, PLUG | .5" | 10AWG
330R6W-XX-YY | 30A, 250V AC, 1PHASE, 2P-3W, RECEPTACLE | .5" | 10AWG
360P6W-XX-YY | 60A, 250V AC, 1PHASE, 2P-3W, PLUG | .75" | 6AWG
360R6W-XX-YY | 60A, 250V AC, 1PHASE, 2P-3W, RECEPTACLE | .75" | 6AWG
420P9W-XX-YY | 20A, 250V AC, 3PHASE, 3P-4W, PLUG | .5" | 12AWG
420R9W-XX-YY | 20A, 250V AC, 3PHASE, 3P-4W, RECEPTACLE | .5" | 12AWG
430P9W-XX-YY | 30A, 250V AC, 3PHASE, 3P-4W, PLUG | .5" | 12AWG
430R9W-XX-YY | 30A, 250V AC, 3PHASE, 3P-4W, RECEPTACLE | .5" | 12AWG
460P6W-XX-YY | 60A, 250V AC, 3PHASE, 3P-4W, PLUG | 1.0" | 4AWG
460R6W-XX-YY | 60A, 250V AC, 3PHASE, 3P-4W, RECEPTACLE | .75" | 6AWG
4100C9W-XX-YY | 100A, 250V AC, 3PHASE, 3P-4W, CONNECTOR | 1.25" | 2AWG
4100P9W-XX-YY | 100A, 250V AC, 3PHASE, 3P-4W, PLUG | 1.25" | 1AWG
4100R9W-XX-YY | 100A, 250V AC, 3PHASE, 3P-4W, RECEPTACLE | 1.25" | 2AWG
5100C9W-XX-YY | 100A, 120/208V, 3PHASE Y, 4P-5W, CONNECTOR | 1.5" | 1AWG
5100R9W-XX-YY | 100A, 120/208V, 3PHASE Y, 4P-5W, RECEPTACLE | 1.5" | 1AWG
## POWERDRIVE

### Russellstoll™

### PART#   DESCRIPTION                  LT CONDUIT SIZE WIRE AWG
3913-XX-YY  20A, 250V, 1PHASE, 3WIRE  .5”  12AWG
3933-XX-YY  30A, 250V, 1PHASE, 3WIRE  .5”  10AWG
3934-XX-YY  30A, 250V, 3PHASE, 4WIRE  .5”  10AWG
7428-XX-YY  60A, 600V, 3PHASE, 4WIRE  1”  4AWG

### PART#   DESCRIPTION                  LT CONDUIT SIZE WIRE AWG
9C53U2-XX-YY  50A, 250V AC, 1PHASE, 2P-3W, CONNECTOR  .75”  6AWG
9C54U2-XX-YY  50A, 250V AC, 3PHASE, 2P-3W, CONNECTOR  .75”  6AWG
9P53U2-XX-YY  50A, 250V AC, 1PHASE, 2P-3W, PLUG  .75”  6AWG
9P54U2-XX-YY  50A, 250V AC, 3PHASE, 2P-3W, PLUG  .75”  6AWG

Non metallic male plug
Non metallic female connector
Metallic male plug
Metallic female connector
## PART# DESCRIPTION AMPS VOLTS
C-SO-L515-XX CONNECTOR 15A 125V
C-SO-L520-XX CONNECTOR 20A 125V
C-SO-L530-XX CONNECTOR 30A 125V
C-SO-L615-XX CONNECTOR 15A 250V
C-SO-L620-XX CONNECTOR 20A 250V
C-SO-L630-XX CONNECTOR 30A 250V

CP-SO-L515-XX CONNECTOR/PLUG 15A 125V
CP-SO-L520-XX CONNECTOR/PLUG 20A 125V
CP-SO-L530-XX CONNECTOR/PLUG 30A 125V
CP-SO-L615-XX CONNECTOR/PLUG 15A 250V
CP-SO-L620-XX CONNECTOR/PLUG 20A 250V
CP-SO-L630-XX CONNECTOR/PLUG 30A 250V

P-SO-L515-XX PLUG 15A 125V
P-SO-L520-XX PLUG 20A 125V
P-SO-L530-XX PLUG 30A 125V
P-SO-L615-XX PLUG 15A 250V
P-SO-L620-XX PLUG 20A 250V
P-SO-L630-XX PLUG 30A 250V

<table>
<thead>
<tr>
<th>PART#</th>
<th>DESCRIPTION</th>
<th>AMPS</th>
<th>VOLTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-SO-CS6360C-XX</td>
<td>CONNECTOR, 1PHASE, 2P-3W</td>
<td>50</td>
<td>125V AC</td>
</tr>
<tr>
<td>C-SO-CS8264C-XX</td>
<td>CONNECTOR, 1PHASE, 2P-3W</td>
<td>50</td>
<td>250V AC</td>
</tr>
<tr>
<td>C-SO-CS6364C-XX</td>
<td>CONNECTOR, 1PHASE, 3P-4W</td>
<td>50</td>
<td>125/250V AC</td>
</tr>
<tr>
<td>C-SO-CS8364C-XX</td>
<td>CONNECTOR, 3PHASE, 3P-4W</td>
<td>50</td>
<td>250V AC</td>
</tr>
<tr>
<td>P-SO-CS6361C-XX</td>
<td>PLUG, 1PHASE, 2P-3W</td>
<td>50</td>
<td>125V AC</td>
</tr>
<tr>
<td>P-SO-CS8265C-XX</td>
<td>PLUG, 1PHASE, 2P-3W</td>
<td>50</td>
<td>250V AC</td>
</tr>
<tr>
<td>P-SO-CS6365C-XX</td>
<td>PLUG, 1PHASE, 3P-4W</td>
<td>50</td>
<td>125/250V AC</td>
</tr>
<tr>
<td>P-SO-CS8365C-XX</td>
<td>PLUG, 3PHASE, 3P-4W</td>
<td>50</td>
<td>250V AC</td>
</tr>
<tr>
<td>R-SO-CS6370-XX*</td>
<td>RECEPTACLE, 1PHASE, 2P-3W</td>
<td>50</td>
<td>125V AC</td>
</tr>
<tr>
<td>R-SO-CS82869-XX*</td>
<td>RECEPTACLE, 1PHASE, 2P-3W</td>
<td>50</td>
<td>250V AC</td>
</tr>
<tr>
<td>R-SO-CS6369-XX*</td>
<td>RECEPTACLE, 1PHASE, 3P-4W</td>
<td>50</td>
<td>125/250V AC</td>
</tr>
<tr>
<td>R-SO-CS8369-XX*</td>
<td>RECEPTACLE, 3PHASE, 3P-4W</td>
<td>50</td>
<td>250V AC</td>
</tr>
</tbody>
</table>

LENGTH IN FEET SEE EXAMPLES BELOW

<table>
<thead>
<tr>
<th>XX=01</th>
<th>1FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX=02</td>
<td>2FT</td>
</tr>
<tr>
<td>XX=03</td>
<td>3FT</td>
</tr>
</tbody>
</table>
For More Information

Phoenix Optix Support Center

15 Gray Lane, Suite 109, Ashaway, RI 02804, USA

+1 401 637 4600  
SalesRI@phoenixoptix.com

+1 401 637 4606  
TechSupport@phoenixoptix.com

COPPER OR FIBER...DATA & POWER SOLUTIONS OPTIMIZED FOR LOW LOSS PERFORMANCE IN COMMERCIAL AND MILITARY ENVIRONMENTS

PhoenixOptix.com

Russelstoll is a registered trademark of Thomas & Betts.

Other products, logos, and company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information herein, nothing herein constitutes any guarantee that such information is error-free, or any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. The TE entity issuing this publication reserves the right to make any adjustments to the information contained herein at any time without notice. All implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. The dimensions herein are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice.

Consult TE for the latest dimensions and design specifications.