ArrowLink™ Modular Wiring Devices

Devices that make installation faster, easier, more consistent and more cost effective
ArrowLink™ Modular Wiring Devices

The Most Complete Device Installation Solution

ArrowLink™ Modular Wiring Devices change the game for electrical installers by providing an unequalled breadth of devices that offer greater speed and consistency to lower installation costs on the job site.

ArrowLink maximizes labor savings:

- Breadth of line provides efficiency in more applications
- Modular connections increase trim-out speed more than 2 to 1
- Consistent connections eliminate mis-wiring and reduce call-backs
- Connector leads are prepped, stripped and ready to wire
- External connections provide job site flexibility
- Reduces number of trim-out installers required
- Reduces number of trim-out installers required

ArrowLink Receptacle Modular Plug & Connector

Modular Decorator & Toggle Switches

Modular Surge Receptacles
Installation Flexibility

The ArrowLink™ line offers a variety of installation methods to address multiple user preferences from leaded connectors to exclusive SPD connectors for maximum labor and material savings.

Modular Straight Blade
Single & Duplex Receptacles

Modular GFCIs, Tamper Resistant GFCIs

Modular Isolated Ground Receptacles
The ArrowLink™ Advantage

ArrowLink™ is designed to help you complete a job quickly and cost effectively. The breadth of line combined with unique installation flexibility and safety features provide a complete job solution.

ArrowLink Modular Receptacle

- Plug leads #12 AWG stranded copper
- Leaded ArrowLink plug preserves the structural integrity of the base wiring device
- Terminal safety barriers provide insulation from conductive surfaces
- Plug and connector design provides first make/last break grounding connection
- One-piece impact-resistant connector for maximum durability during rough-in
- Connector leads #12 AWG, available in solid or stranded copper
- Audible click indicates a secure connection
- Polybag connector cover shields contacts from paint and drywall mud

ArrowLink Modular Switch

- ArrowLink wiring devices can easily be converted for standard installation
- Save time - no more taping terminals
- Unique switch and receptacle configurations will not inter-mate for added safety
- Pre-stripped wire leads for quicker connections during rough-in
- Pre-wired modular switches available in both toggle and decorator styles for 120V or 277V
- ArrowLink allows easy change-out for device maintenance
- #12 AWG wire leads color coded for your 277V applications

Modular Receptacle

Modular Switch
Quality, Dependability & Versatility

Patent pending ArrowLink™ connectors are packed with features designed to provide reliable, high quality circuit connections and reduce overall installation time.

**MCR300FTST – Screw Terminal Design**

- 6" #12 AWG ground lead with ring terminal and integral captive ground screw
- Color coded terminal guards & screws
- Screw terminals provide optimal torque values required for secure, reliable rough-in connections
- Terminal Accepts #12-14 AWG solid or stranded wire
- Copper alloy contacts
- Durable polycarbonate housing

**MCR300FTPI – Push-In Terminal Design**

- 6" #12 AWG ground lead with ring terminal and captive ground screw
- Color coded terminals
- Copper alloy terminals accept #12-#14 AWG solid conductors only
- Durable polycarbonate housing

**ArrowLink SPD Benefits**

**Ease of Installation**
- No wire caddies
- No pigtailed
- No wire connectors

**50% Time Savings**
- Direct building wire connection
- Reliable screw terminations
The ArrowLink Advantage
Conventional installations are cumbersome and labor-intensive. ArrowLink™ offers multiple labor-saving connectors including the exclusive ArrowLink SPD that eliminates pigtails at rough-in for a quick and reliable installation.

Total Installation Time Comparison

Arrowlink offers 3 time saving options:
- **Fast**: ArrowLink Leaded Modular
- **Faster**: ArrowLink SPD Screw-In
- **Fastest**: ArrowLink SPD Push-In

4 min. 55 sec.
Pigtailling

3 min. 6 sec.
**ArrowLink™**
Leaded Modular

2 min. 25 sec.
**ArrowLink™**
SPD Screw-In

1 min. 55 sec.
**ArrowLink™**
SPD Push-In

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**Step 1**
Cutting & Stripping Leads

**Step 2**
Installing Pigtails

**Step 3**
Terminating Pigtails

**Step 4**
Mount Receptacle

**Step 1**
Terminate Building Wire

**Step 2**
Snap-In Device Termination

**Step 3**
Mount Receptacle

**Step 1**
Terminate Building Wire

**Step 2**
Screw-In Device Termination

**Step 3**
Mount Receptacle

**Step 1**
Terminate Building Wire

**Step 2**
Push-In Device Termination

**Step 3**
Mount Receptacle
**ArrowLink™ Modular Wiring Devices**

**Consistent Installation**

**For Any Job**

ArrowLink’s broad product offering with the unique flexibility of an external connection style saves you time and labor no matter where the job takes you.

**ArrowLink Works Where You Work**

**Healthcare Facilities**
- Hospitals
- Medical Offices
- Urgent Care Clinics
- Nursing Homes
- Outpatient Facilities
- Rehabilitation Facilities

**Commercial & Retail Environments**
- Offices
- Shopping Malls & Big Box Retail
- Resort & Conference Centers
- Casinos
- Restaurants

**Educational Institutions**
- Schools & Academies
- Colleges & Universities
- Vocational & Technical Learning Centers
- Institutes
- Conservatories

**See the ArrowLink Difference**

**ArrowLink SPD Installation Means**
- No more cramped boxes
- Up to 30% more space in the box

**Devices That Arrive The Way You Want!**

ArrowLink features bulk packaging designed with the contractor in mind.
- All devices are shipped in convenient recyclable bulk pack cartons
- All packaging made of 100% recycled material
- Packaging sized for easy room-to-room transport
- No inner packaging speeds installation, eliminates waste, and reduces clean-up at the end of the job
- Incorporated “honeycomb” dividers allow a consistent package size across our entire ArrowLink product line for efficient shipping

www.arrowhart.com
**Go Modular, Increase Efficiency And Stay Code Compliant**

ArrowLink™ modular devices are great at saving labor time and costs while not affecting conductor volume when calculating box fill.

**See The Labor Savings For Yourself!**

<table>
<thead>
<tr>
<th></th>
<th>Minutes</th>
<th>Total Cost***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Device, Termination, Mounting</td>
<td>2:15</td>
<td>$5.55</td>
</tr>
<tr>
<td>Wire / Connectors</td>
<td></td>
<td>$0.27</td>
</tr>
<tr>
<td>Prep/Install Pigtails</td>
<td>2:40</td>
<td>$4.44</td>
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<td>Individual Total:</td>
<td>4:55 min.</td>
<td>$10.26</td>
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<tr>
<td>x 1000 devices</td>
<td>82 hours</td>
<td>$10,265</td>
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</table>

<table>
<thead>
<tr>
<th>Leaded ArrowLink Connector</th>
<th>Minutes</th>
<th>Total Cost***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device, Mounting</td>
<td>1:05</td>
<td>$4.11</td>
</tr>
<tr>
<td>Connector, Install Connector</td>
<td>1:58</td>
<td>$4.16</td>
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<td>Individual Total:</td>
<td>3:00 min.</td>
<td>$8.27</td>
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<tr>
<td>x 1000 devices</td>
<td>50 hours</td>
<td>$8,267.74</td>
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<table>
<thead>
<tr>
<th>SPD ArrowLink Screw Terminal Connector</th>
<th>Minutes</th>
<th>Total Cost***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device, Mounting</td>
<td>1:05</td>
<td>$4.11</td>
</tr>
<tr>
<td>Connector, Install Connector</td>
<td>1:20</td>
<td>$3.42</td>
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<tr>
<td>Individual Total:</td>
<td>2:30 min.</td>
<td>$7.53</td>
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<tr>
<td>x 1000 devices</td>
<td>41.5 hours</td>
<td>$7,527.78</td>
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<table>
<thead>
<tr>
<th>SPD ArrowLink Push-In Terminal Connector</th>
<th>Minutes</th>
<th>Total Cost***</th>
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</thead>
<tbody>
<tr>
<td>Device, Mounting</td>
<td>1:05</td>
<td>$4.11</td>
</tr>
<tr>
<td>Connector, Install Connector</td>
<td>0:58</td>
<td>$2.82</td>
</tr>
<tr>
<td>Individual Total:</td>
<td>2:00 min.</td>
<td>$6.92</td>
</tr>
<tr>
<td>x 1000 devices</td>
<td>33.5 hours</td>
<td>$6,921.72</td>
</tr>
</tbody>
</table>

**Box Fill Calculations for ArrowLink Devices**

When using ArrowLink, simply calculate box fill as normal – plugs and connectors, like wirenuts, are not counted.

**Conductor volume example based on Chart 1:**

- Switch line & load conductors (1 ea) 2
- Receptacle hot & neutral conductors (1 ea) 2
- All equipment grounding conductors count as a single conductor volume 1
- Each single gang device yoke counts as two (2 ea) 4
- Wire connectors and pigtails do not count as conductor volume 0

Total Conductor Volume 9

* Calculate volume for your application using formulas found in NEC® section 314.16

** Box volume in Chart 1 based on 4” square x 2 1/2” box = 30.3 in.³

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**Box Fill:**

(9) 12AWG Conductors

9 x 2.25 = 20.25 in.³
The Most Complete Device Installation Solution

The ArrowLink™ Modular Wiring Device System changes the game for electrical installers. An unequalled breadth of line supports most applications, and our SPD connectors take “pigtailling” completely out of the installation process. ArrowLink...Speed, Productivity, Dependability

### Hospital Grade Receptacles

<table>
<thead>
<tr>
<th>Premium Hospital Grade Duplex</th>
<th>Premium Hospital Grade Single</th>
<th>Tamper Resistant Hospital Grade Duplex</th>
<th>Hospital Grade Duplex</th>
<th>Premium Hospital Grade Decorator Duplex</th>
<th>Hospital Grade GFCI / Tamper Resistant GFCI</th>
<th>Isolated Ground Premium Hospital Grade Duplex</th>
<th>Isolated Ground/Surge Protection Hospital Grade Duplex</th>
<th>Surge Protection Hospital Grade Duplex</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH8200_M</td>
<td>AH8300_M</td>
<td>AH8400_M</td>
<td>AH8600_M</td>
<td>8210_M</td>
<td>TR8200_M</td>
<td>8200_M</td>
<td>VGFH15_MOD</td>
<td>IG8200_M</td>
</tr>
<tr>
<td>8310_M</td>
<td>TR8300_M</td>
<td>8300_M</td>
<td>862_M</td>
<td>8362_M</td>
<td>TRVGFH15_MOD</td>
<td>IG8300_M</td>
<td>IG8200_SM</td>
<td>8300_SM</td>
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</table>

### Specification Grade Receptacles

<table>
<thead>
<tr>
<th>Premium Industrial Grade Duplex</th>
<th>Premium Industrial Grade Single</th>
<th>Isolated Ground Premium Industrial Grade Duplex</th>
<th>Premium Industrial Grade Decorator Duplex</th>
<th>Specification Grade GFCI / Tamper Resistant GFCI</th>
<th>Isolated Ground/Surge Protection Specification Grade Duplex</th>
<th>Surge Protection Specification Grade Duplex</th>
<th>Construction Grade Duplex</th>
<th>Tamper Resistant Construction Grade Duplex</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH5262_M</td>
<td>AH5362_M</td>
<td>AH5462_M</td>
<td>AH5662_M</td>
<td>5261_M</td>
<td>VGF15_MOD</td>
<td>IG5362_SM</td>
<td>5262_SM</td>
<td>TR5262_M</td>
</tr>
<tr>
<td>AH5261_M</td>
<td>AH5361_M</td>
<td>AH5362_M</td>
<td>AH5662_M</td>
<td>5361_M</td>
<td>VGF20_MOD</td>
<td>IG5362_SM</td>
<td>5362_SM</td>
<td>TR5362_M</td>
</tr>
</tbody>
</table>

### Specification Grade Switches

<table>
<thead>
<tr>
<th>Industrial Grade Toggle Single-Pole</th>
<th>Construction Grade Toggle Single-Pole</th>
<th>Industrial Grade Toggle Lighted Single-Pole</th>
<th>Commercial Grade Decorator Single-Pole</th>
<th>CuVerro Commercial Grade Decorator Single-Pole</th>
<th>Commercial Grade Decorator Lighted Single-Pole</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH1201_M</td>
<td>1201_M</td>
<td>AH1201LT_M</td>
<td>7601_M</td>
<td>7601_M</td>
<td>7631_M</td>
</tr>
<tr>
<td>AH1221_M</td>
<td>1221_M</td>
<td>AH1221LT_M</td>
<td>7621_M</td>
<td>7621_M</td>
<td>7631_M</td>
</tr>
</tbody>
</table>
## ArrowLink™ Modular Wiring Devices

### ArrowLink Connectors & Accessories

#### 125V, 250V & 300V Receptacle
#### 120V, 277V & 300V Switch

### Loaded ArrowLink Connectors

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Description</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>125V Receptacle</td>
<td>Solid Wire Leads</td>
<td>MCR125SOL</td>
</tr>
<tr>
<td></td>
<td>Stranded Wire Leads</td>
<td>MCR125STR</td>
</tr>
<tr>
<td>250V Receptacle</td>
<td>Solid Wire Leads</td>
<td>MCR250SOL</td>
</tr>
<tr>
<td></td>
<td>Stranded Wire Leads</td>
<td>MCR250STR</td>
</tr>
<tr>
<td>120V Switch*</td>
<td>Solid Wire Leads</td>
<td>MCS120SOL</td>
</tr>
<tr>
<td></td>
<td>Stranded Wire Leads</td>
<td>MCS120STR</td>
</tr>
<tr>
<td>277V Switch*</td>
<td>Solid Wire Leads</td>
<td>MCS277SOL</td>
</tr>
<tr>
<td></td>
<td>Stranded Wire Leads</td>
<td>MCS277STR</td>
</tr>
</tbody>
</table>

* For custom 277V lead color combinations, include Cat. No. followed by 3 color code indicators, one for each lead, in the Line (LI)/Load (LO)/Ground (  ) sequence: B (Brown), E (Green), G (Gray), K (Black), L (Blue), N (Orange), P (Pink), R (Red), Y (Yellow); ex. Switch AH1221VMYBE or Connector MCS277SOLYBE (“Y” Yellow, “B” Brown, “E” Green)

Lead color sequences other than Black/Black/Green for switches or connectors will add 2 days to lead times

### ArrowLink SPD Connectors

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Description</th>
<th>Wire Range/Type</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>300V Receptacle</td>
<td>Screw Terminal</td>
<td>#12–#14 AWG, Solid or Stranded</td>
<td>MCR300FTST</td>
</tr>
<tr>
<td></td>
<td>Screw Terminal, No Ground Conductor</td>
<td>#12–#14 AWG, Solid or Stranded</td>
<td>MCR300FTSTNG</td>
</tr>
<tr>
<td>Push-In Connector</td>
<td>#12–#14 AWG, Solid</td>
<td>MCR300FTPI</td>
<td></td>
</tr>
<tr>
<td>Push-In Connector, No Ground Conductor</td>
<td>#12–#14 AWG, Solid</td>
<td>MCR300FTPI</td>
<td></td>
</tr>
<tr>
<td>300V Switch</td>
<td>Push-In Connector</td>
<td>#12–#14 AWG, Solid</td>
<td>MCS300PI</td>
</tr>
</tbody>
</table>

### ArrowLink Accessories

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Description</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuit Tester</td>
<td>Tests Receptacle &amp; ArrowLink Connectors</td>
<td>ALTESTER</td>
</tr>
<tr>
<td>Terminating Cap</td>
<td>Circuit Completer for Job Site Testing</td>
<td>MCS300TC</td>
</tr>
</tbody>
</table>

The following patents may apply: (8,113,874), (8,235,748), (D652,803), (D655,677), (D653,620), (D648,223)
ArrowLink Notes
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F: 800-329-3055

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P: 800-267-1042
F: 800-761-5748

Mexico
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