

# ACLinx® Modular Wiring System

In today's increasingly competitive retail environment, retailers must do two things: provide an inviting and engaging retail space for their customer base, and keep costs as low as possible. D&P Custom Lights & Wiring Systems, Inc. has been a world leader in the Commercial Lighting and Fixtures industry for more than 40 years, and offers a variety of products and services designed to help companies do both.

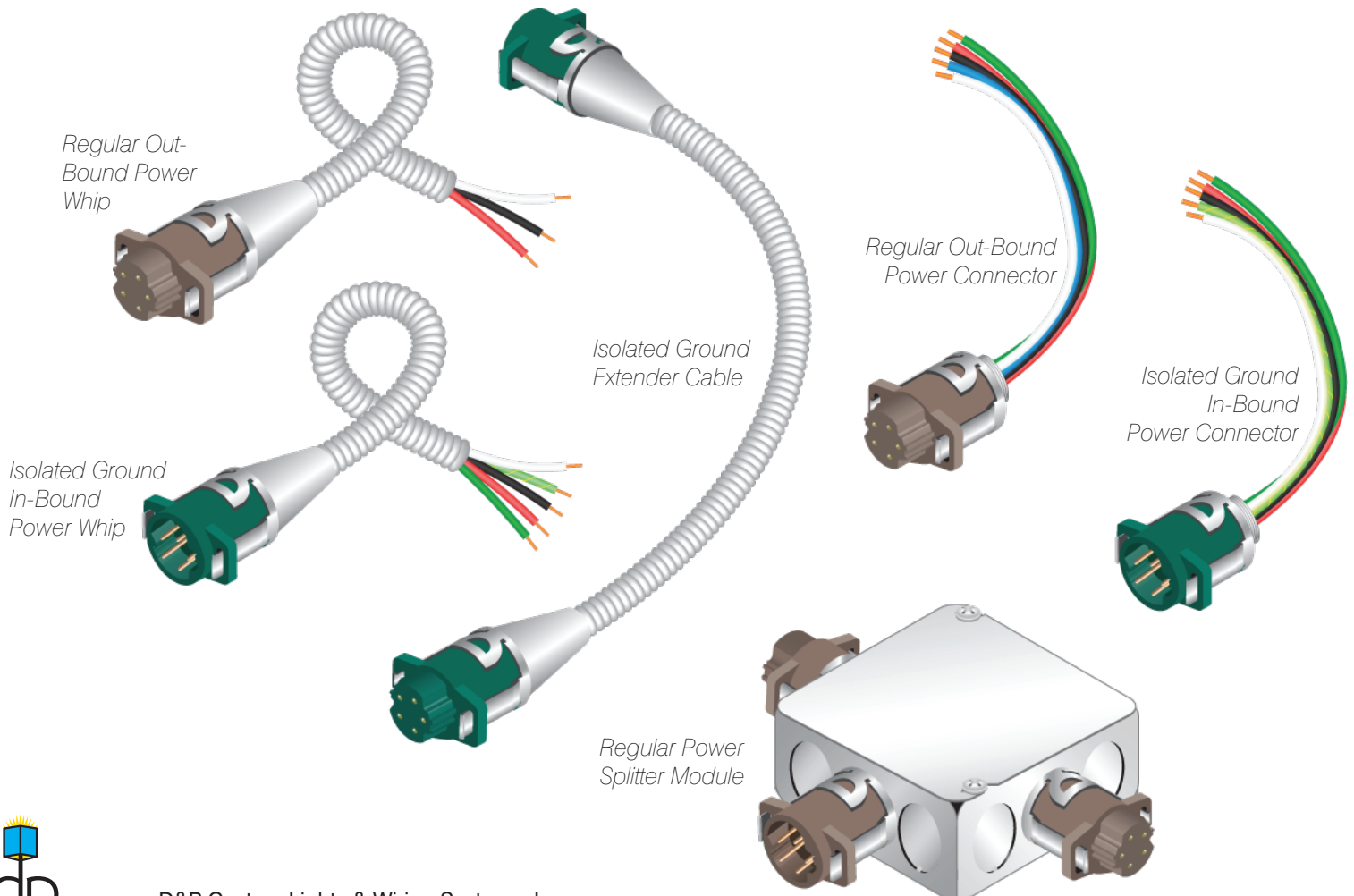
D&P's checkout lights, interior signage, aisle markers and wayfinders all work together to expedite traffic flow, help customers find the products and services they need and provide a pleasing retail environment.

**ACLinx** Modular Wiring Systems and power poles allow retailers to easily and quickly supply power to gondolas and checkout counters wherever and whenever they need it, while also reducing installation time and costs for new store builds, seasonal updates, and remodels. **ACLinx** was designed for ease of installation and safety, and can be configured to meet the needs of any retailer or commercial, industrial, residential or institutional building, including healthcare and education.

The benefits of using **ACLinx** Modular Wiring System include:

- Cost savings - which are achieved not only during initial installation but also for remodels and floor changes
- Reduced installation times - perfect for fast construction schedules
- In-factory production - ensures component quality and reduces on-site waste
- Minimized on-site skilled labor requirements - reduced costs and improved safety


## ACLinx Modular Wiring System Components



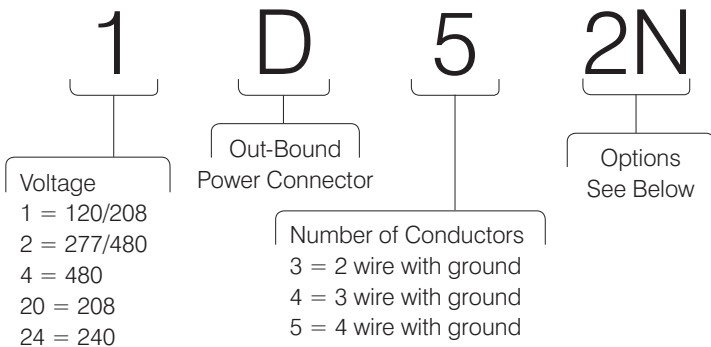
D&P Custom Lights & Wiring Systems, Inc.  
900 63rd Avenue North • Nashville, TN 37209  
Tel: 615.350.7800 • Fax: 615.350.8310 • [www.dandpcustomlights.com](http://www.dandpcustomlights.com)

# ACLinx® Out-Bound Power Connector

The Out-Bound Junction Box Connector is our system's starting point. It provides the interface between the hard-wiring from the distribution panel and the **ACLinx** Modular Wiring System components. These connectors install in standard junction boxes and are generally placed during the project's rough-in stage.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors optional
- 600V, 90°C insulation
- Dead front construction for safety
- Color coded connectors for easy voltage identification
- Keyed components ensure proper connection, function, and safety
- Positive locking clips prevent accidental disconnection
- Approved for installation in air handling spaces other than ducts and plenums
- 

## Product Ordering Key

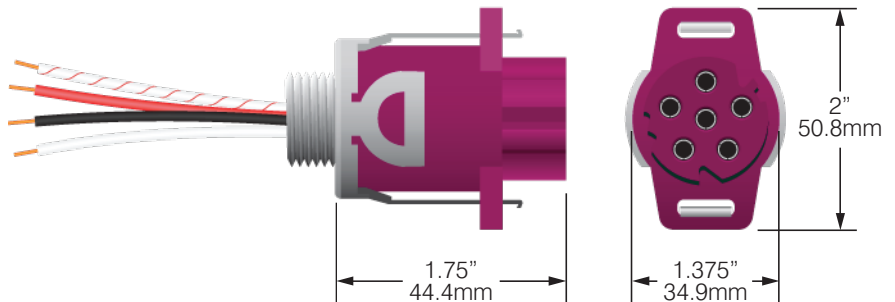
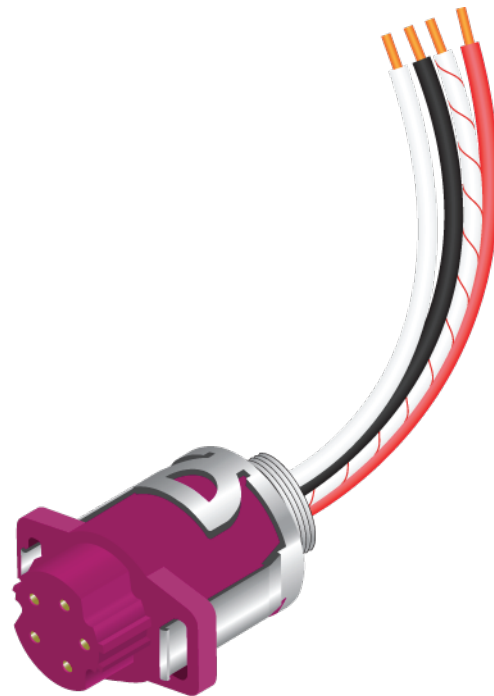


## Connector Key Coding

Color	Voltage
Gray	277/480 and 480VAC
Brown	120/208, 208 and 240VAC
Purple	Dual Neutral 120/208VAC
Khaki	Dual Neutral 277/480VAC
Green	Isolated Ground


## Options

Suffix	Description
-2N	Dual Neutral
-IG	Isolated Ground
-10G	#10 AWG Copper Conductors

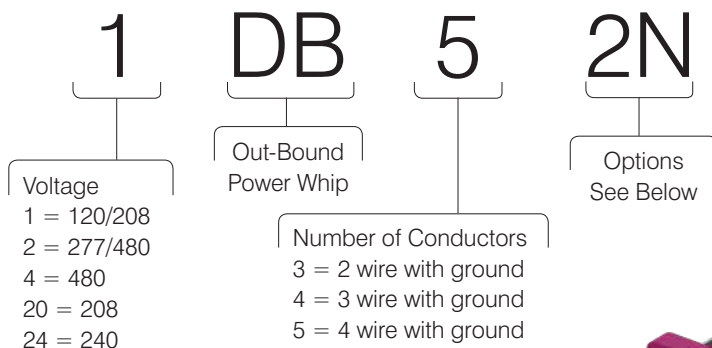


# ACLinx® Out-Bound Power Whip

The Out-Bound Power Whip provides an interface between hard-wiring and the **ACLinx** Modular Wiring System components. It also provides an alternative to Out-Bound Junction Box Connectors and Extender Cables when wiring local switching functions. Out-Bound Power Whips install into standard junction boxes by means of a standard connector cable.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors optional
- 600V, 90°C insulation
- Dead front construction for safety
- Color coded connectors for easy voltage identification
- Keyed components ensure proper connection, function, and safety
- Positive locking clips prevent accidental disconnection
- Approved for installation in air handling spaces other than ducts and plenums
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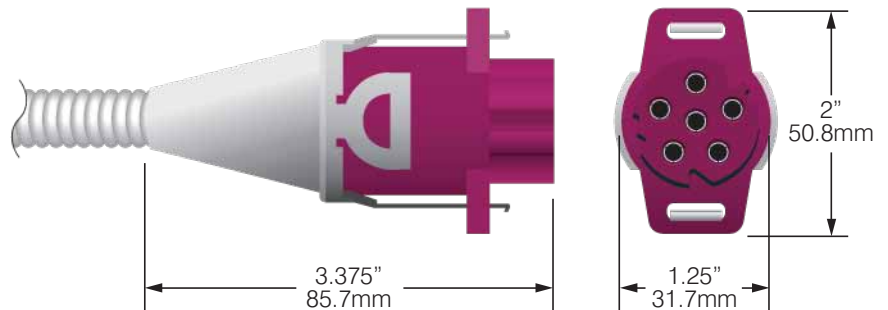
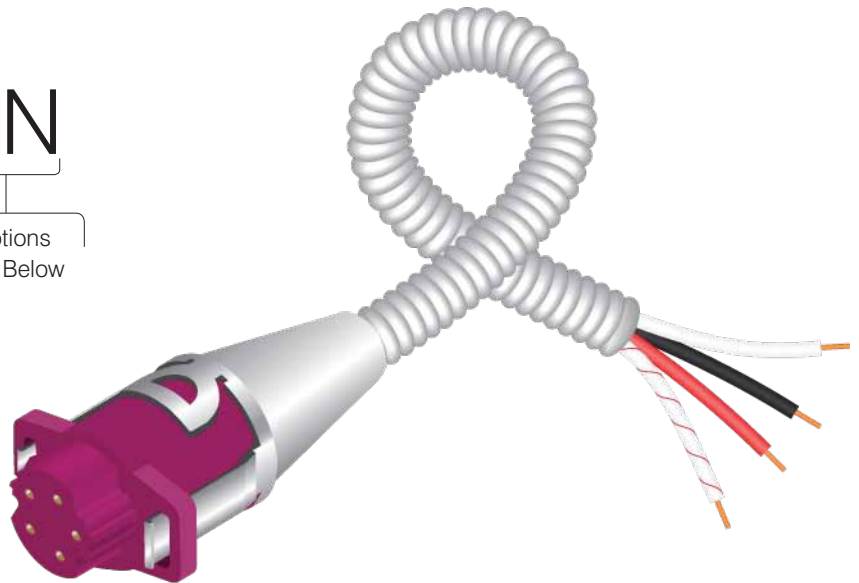


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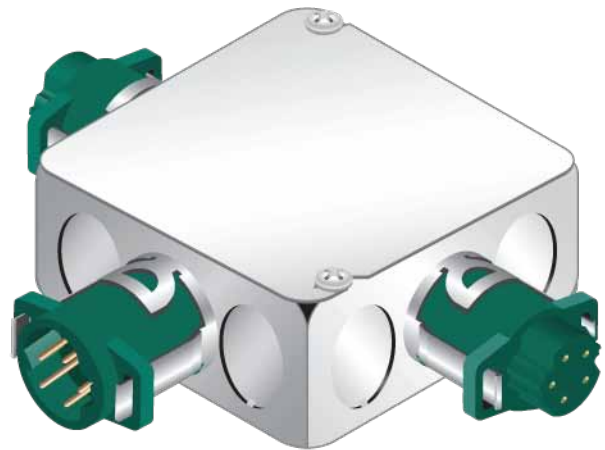
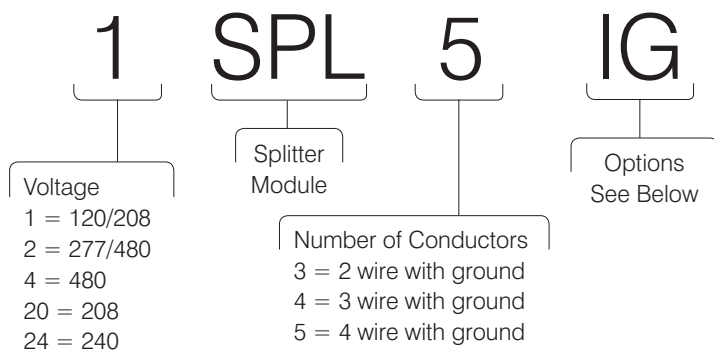


# ACLinx® Splitter Module

Splitter Modules are designed to provide an easy, plug-in method of splitting **ACLinx** system circuits. They split single, dual or three circuit sources of switched or un-switched power into two output connectors. Splitter Modules install at any connection point in the **ACLinx** modular wiring system.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors optional
- 600V, 90°C insulation
- Dead front construction for safety
- Color coded connectors for easy voltage identification
- Keyed components ensure proper connection, function, and safety
- Positive locking clips prevent accidental disconnection
- Approved for installation in air handling spaces other than ducts and plenums
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## Product Ordering Key

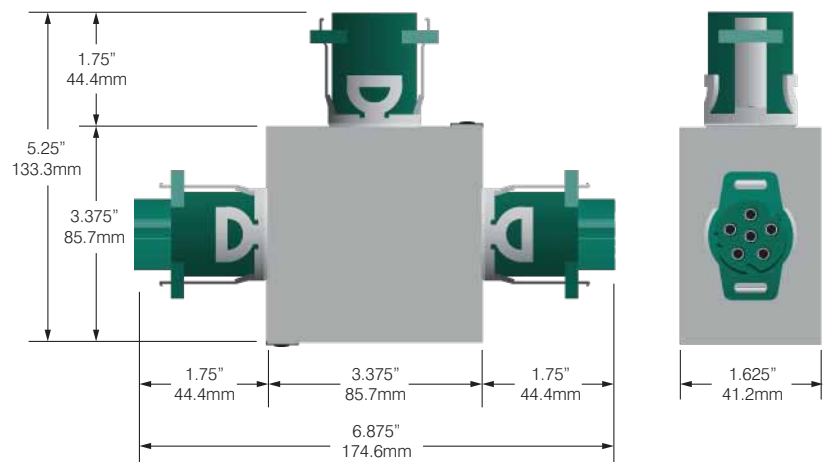


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## Options

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# ACLinx® In-Bound Power Connector

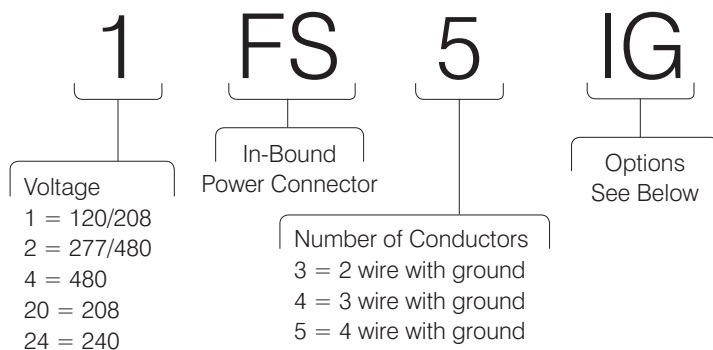
The In-Bound Power Connector was designed for field installation in lighting fixtures, manufactured Power Poles and manufactured Power Boxes. They provide the interface between a fixture's hard wiring and the **ACLinx** system components. They are also used in the transition from **ACLinx** modular wiring to conventional wiring methods.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors Optional
- 600V, 90°C insulation
- Dead front construction for safety
- Color coded connectors for easy voltage identification

- Keyed components ensure proper connection, function, and safety
- Positive locking clips prevent accidental disconnection
- Approved for installation in air handling spaces other than ducts and plenums



## Product Ordering Key

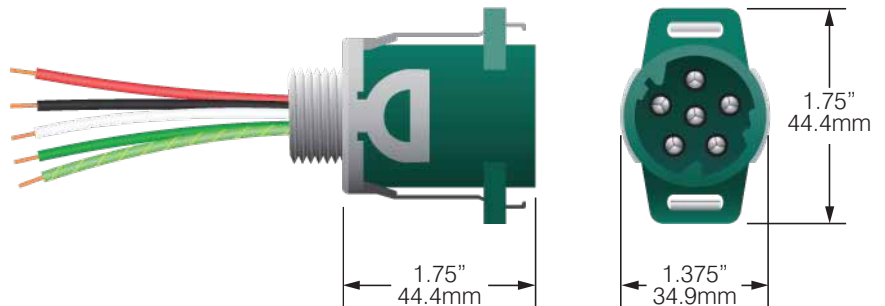


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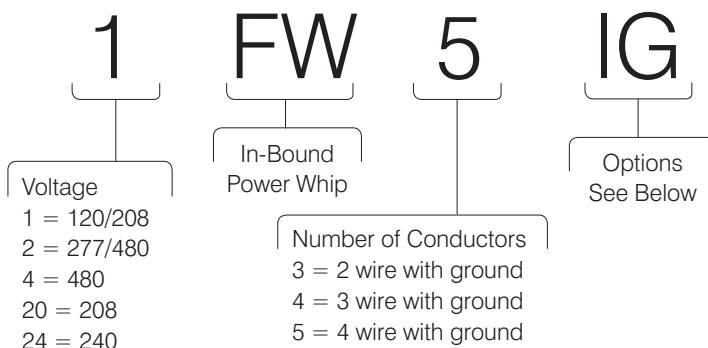


# ACLinx® In-Bound Power Whip

The In-Bound Power Whip may be used to receive power from the **ACLinx** Modular Wiring System to lighting fixtures or electrical receptacles required as part of the local circuit. It may also be used as an alternative to the ACLinx In-Bound Power Connector or to transition from the flexible wiring system back to conventional wiring methods.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors optional
- 600V, 90°C insulation
- Dead front construction for safety
- Color coded connectors for easy voltage identification
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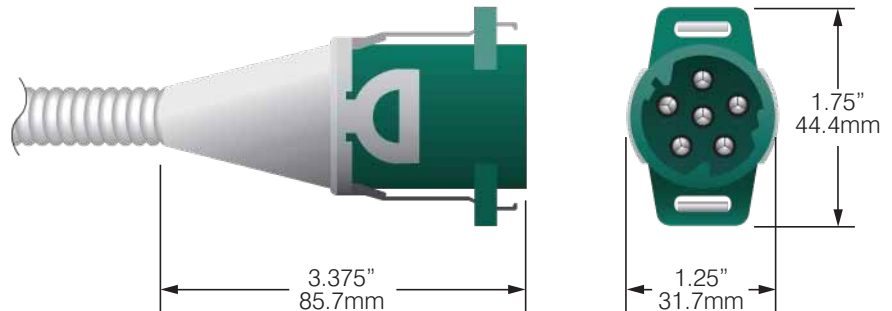
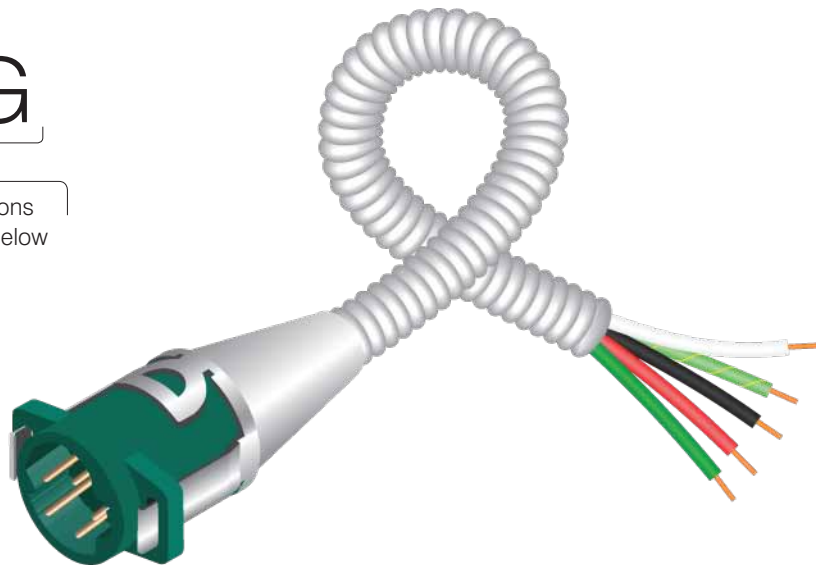


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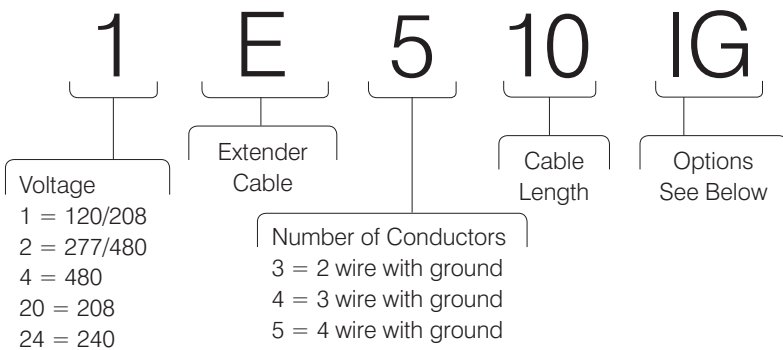


# ACLinx® Extender Cable

Extender Cables are designed to increase the length of any **ACLinx** system when a last-minute project change or equipment relocation occurs. Extender Cables are also used to distribute power between **ACLinx** Switch Modules in all switching applications. Custom lengths make the Extender Cable a part of the perfect power distribution system.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors optional
- 600V, 90°C insulation
- Dead front construction for safety
- Color coded connectors for easy voltage identification
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- Positive locking clips prevent accidental disconnection
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## Product Ordering Key



## Connector Key Coding

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## Options

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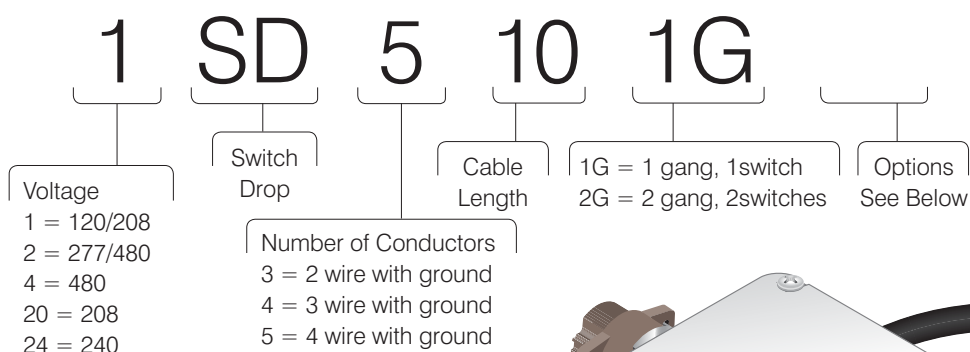
# ACLinx® Switch Drop

The switch drop is designed to make or break either one or two circuits in an **ACLinx** modular cable. For example, a switch drop located at a checkout register can be configured to turn your checkout lights on and off. This was designed to make managing any retail operation easier for the employees.

- Easily installed
- Full 20-amp rating
- Single, dual, and three circuit models
- #12 AWG copper conductors standard
- #10 AWG copper conductors optional
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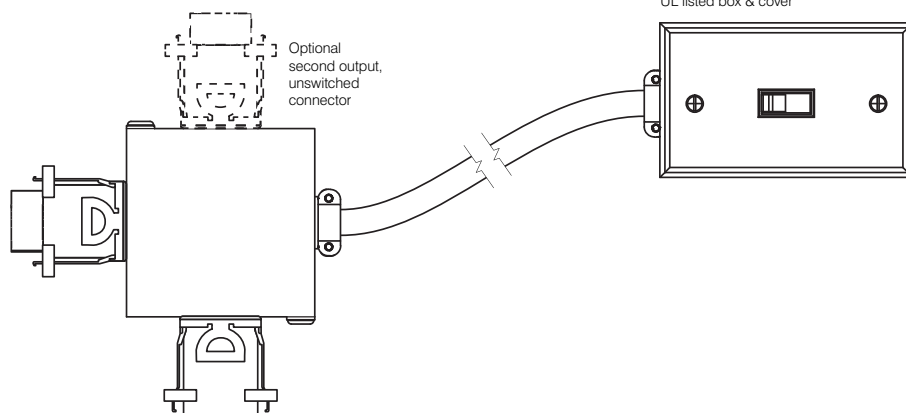
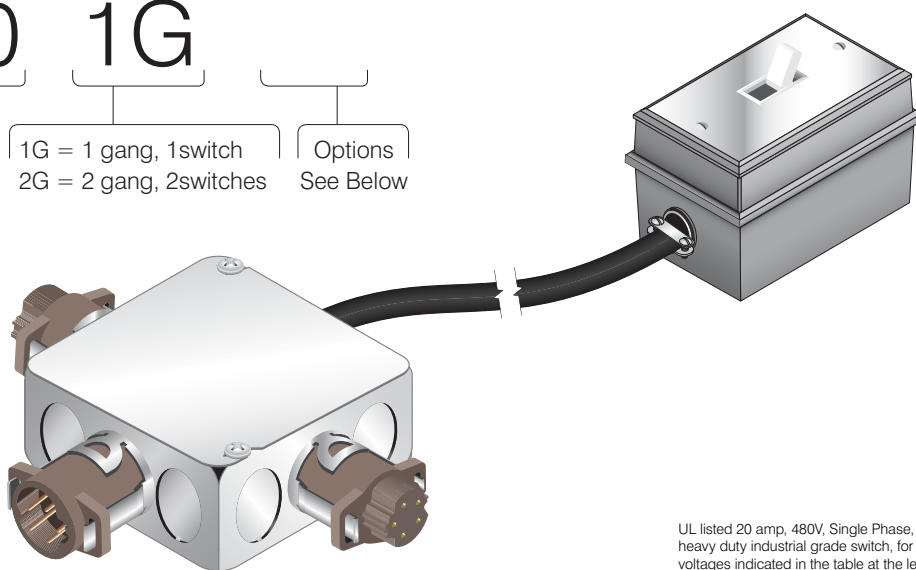


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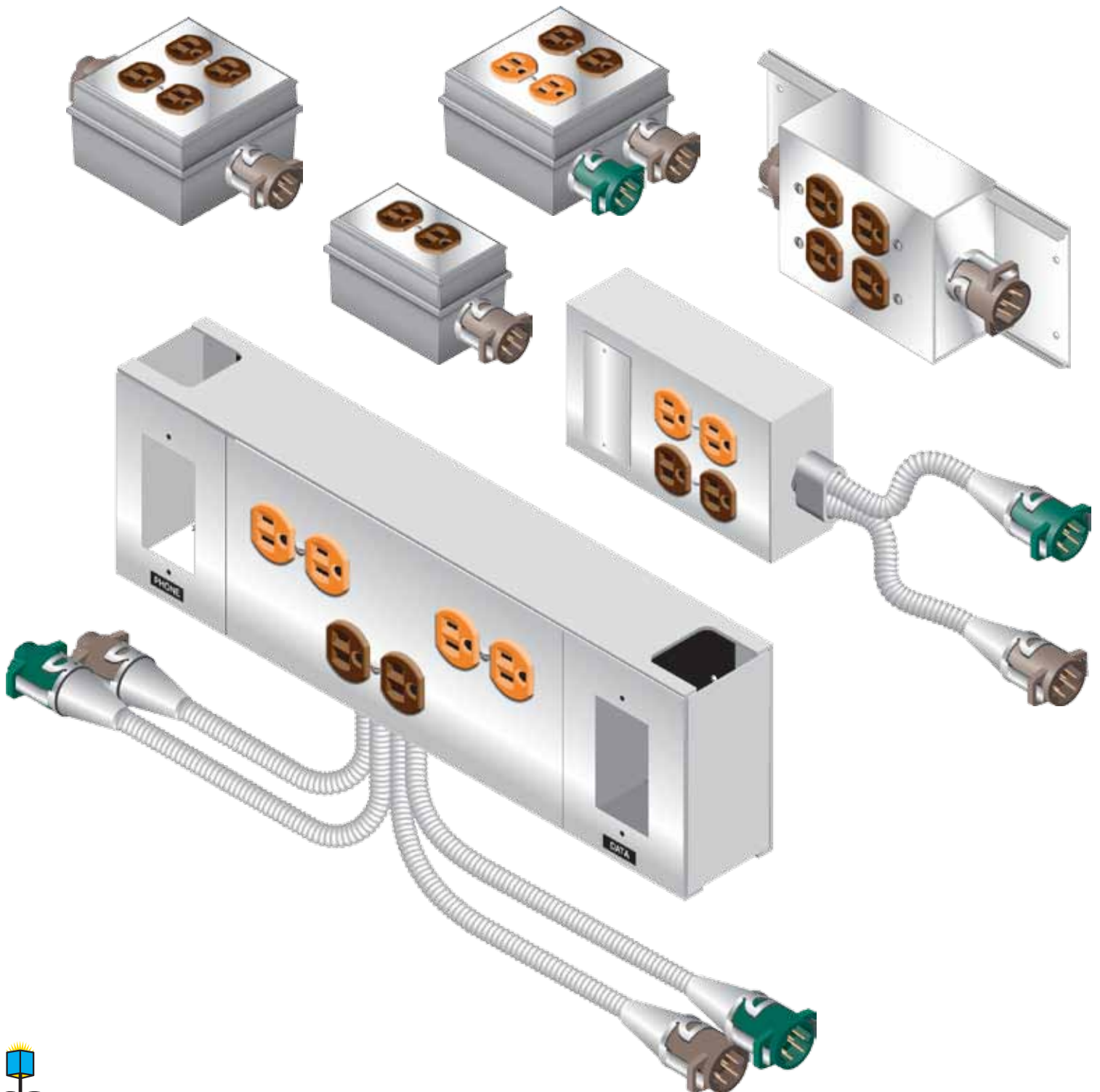
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# Custom Outlet Options

With **ACLinx**® Modular Wiring, you can assemble a custom-tailored power distribution network with the ability to easily integrate **ACLinx** components with other industry-standard components. This allows a wide range of configurations that minimizes waste and increases efficiency. The expandability inherent to the **ACLinx** system means you can adapt to changing conditions by easily adding or deleting sections of your network. The examples below show a selection of outlet options that can bring power to remote locations or to positions that do not have available power.



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