



D&P Custom Lights & Wiring Systems, Inc.

Power Poles and Modular Wiring Catalog

We Are Letting The Secret Out...

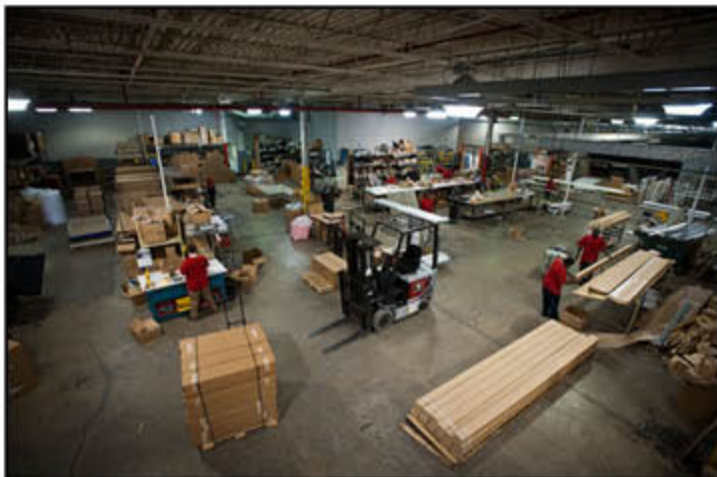
Who We Are

"D&P is the best kept secret
in the retail industry."
Anonymous



D&P Custom Lights & Wiring Systems, Inc. has been a world leader in the Commercial Lighting and Fixtures industry since 1981, specializing in the custom engineering and fabrication of Checkout Lights, Pre-Wired Power Poles, Modular Gondola Electrical Distribution Systems, Electrical Signs, and Non-Electrical Signs. Discount chains, general mass merchandisers, warehouse clubs, department stores, grocery stores, convenience stores, supermarkets, independent retailers, and commercial design firms all trust D&P when it comes to Custom Power Solutions for new construction or remodels.

D&P Custom Lights & Wiring Systems, Inc. designers and engineers work together with interior designers, architects, building planners and general contractors - from plan review to fixture take-offs - to create a flexible, functional environment. D&P's department signage, aisle markers, and checkout lights combine to expedite customer traffic flow, offering consumers a more pleasant retail experience. Our power poles and modular electrical systems for gondolas and checkout counters allow retailers to easily and quickly supply power to the sales floor, for flexibility wherever and whenever it is needed.



Our priorities are simple: creative thinking plus a "can-do" attitude; dependable, UL and ETL-approved products delivered on time; excellent price value; and superior customer service. Our reputation to design and build innovative, one-of-a-kind, high-demand components speaks for itself, and our customer relationships are rock-solid.

Let D&P be your Custom Power Solution.
Your vision is our Bright Idea!

Take a virtual tour of D&P and see our capabilities for yourself! →



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Blank Power Poles



Anodized blank
2-channel power pole

Power Pole Mounting Options

Cup Bracket

Anchors the power pole on top of a counter or gondola top rail



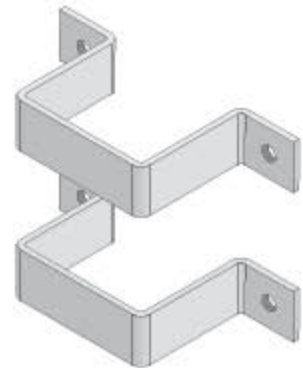
Foot Plate

Anchors the power pole to the floor



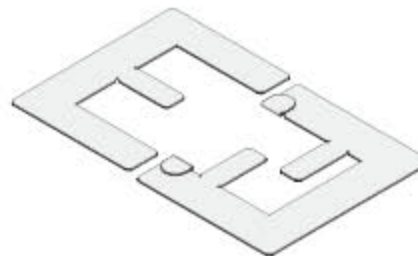
Side Mount

Anchors the power pole to the side of a counter or half-wall



Hardware Kit for Ceiling Tile

Trim Plates



T-Bar Bracket

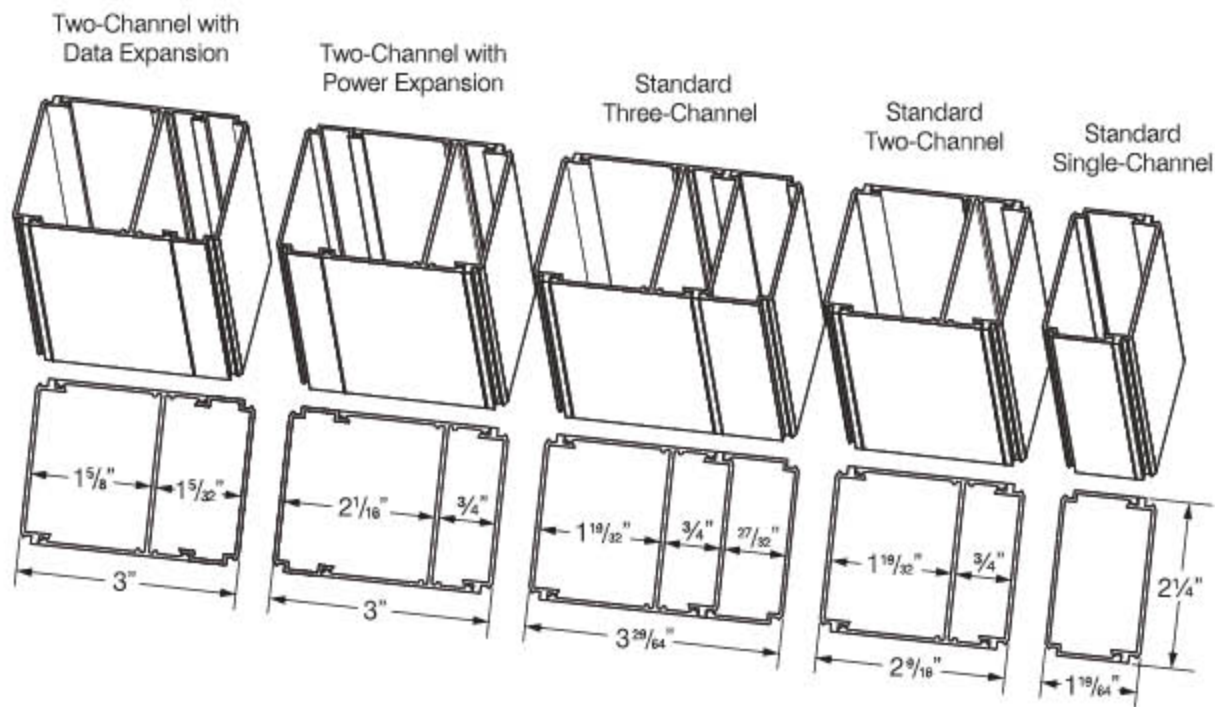


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Our snap-together extrusions offer a variety of power pole configurations for grocery stores, convenience stores, supermarkets, and other retail environments. Multiple channels are great for separate routing of power and data lines, while maintaining a compact, streamlined appearance. From simple applications such as a standard single-checkout to complicated uses including complete store remodels, our power pole stands out as the perfect power and data solution.

Power Pole Standard Extrusions



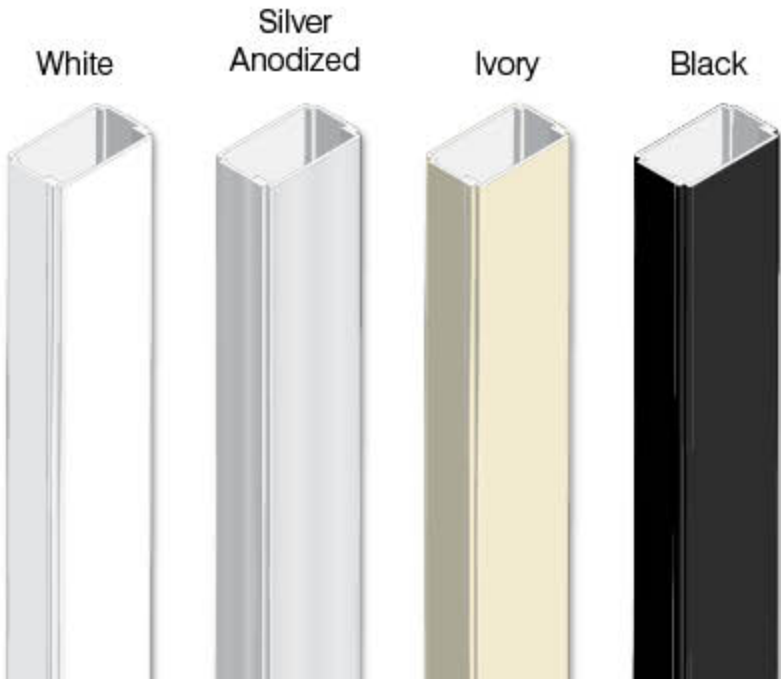
Standard Lengths:

- 12'6"
 - 15'6"
 - 22'
- Custom lengths are available

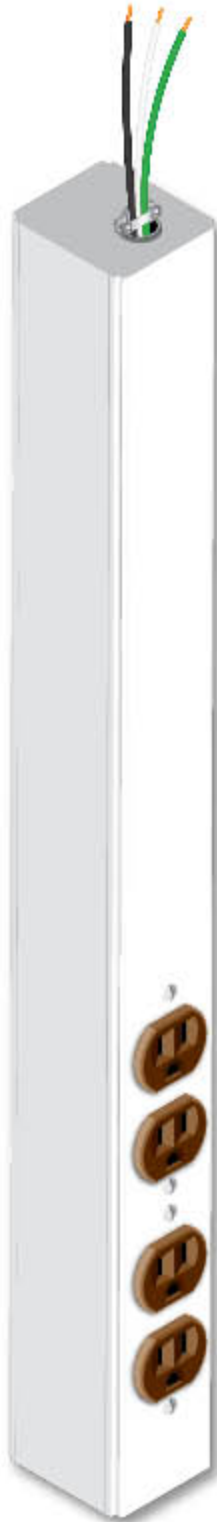
Extrusion	Main Channel	2nd Channel	3rd Channel
Standard Single channel	2.45 Sq in.	--	--
Standard 2-channel	3.40 Sq in.	1.55 Sq in	--
Standard 3-channel	3.40 Sq in.	1.55 Sq in.	1.77 Sq in
Standard 2-ch Expansion	4.31 Sq in	1.55 Sq in.	--
Other Combinations are available			

Standard Colors

Custom colors are available



Pre-Wired Power Poles



White single-circuit power pole
with two standard outlets

Power Pole Mounting Options

Cup Bracket

Anchors the power pole
on top of a counter or
gondola top rail



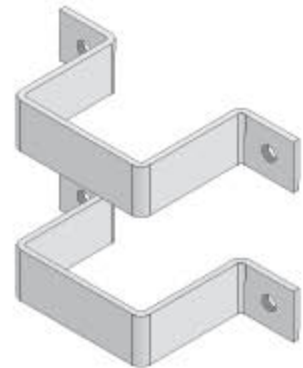
Foot Plate

Anchors the power
pole to the floor



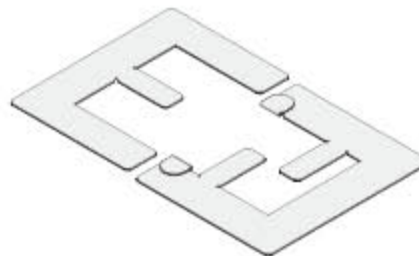
Side Mount

Anchors the power pole
to the side of a counter
or half-wall



Hardware Kit for Ceiling Tile

Trim Plates



T-Bar Bracket

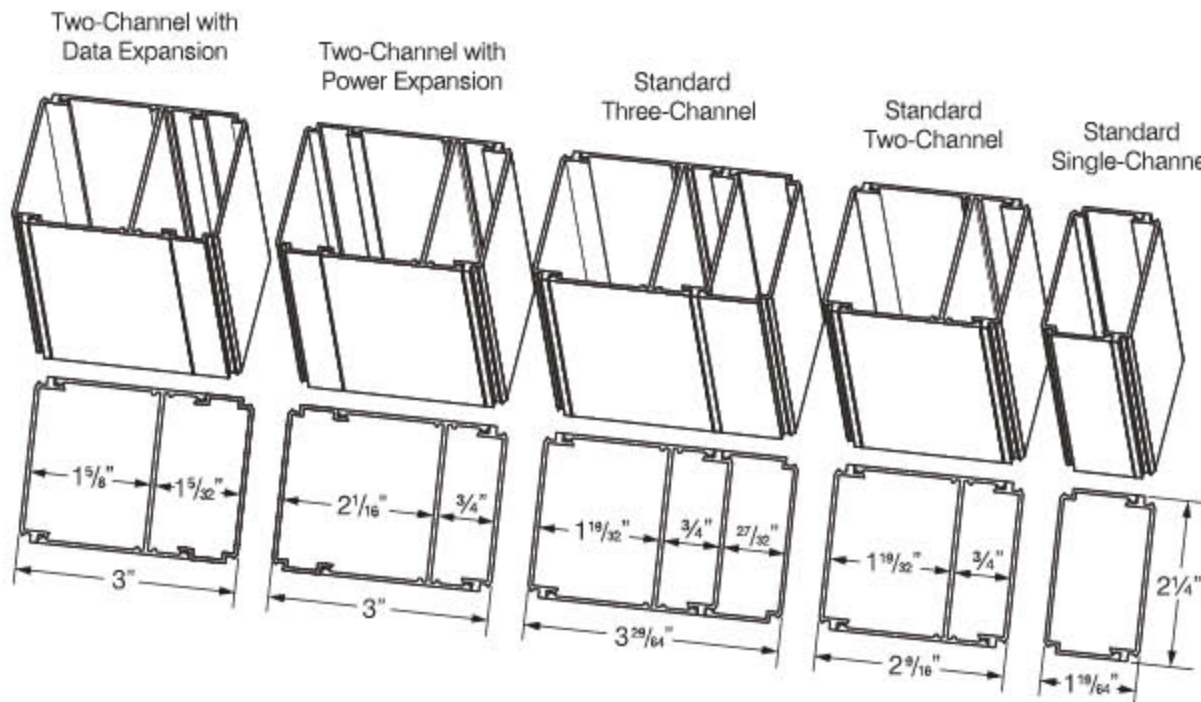


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D&P offers a wide range of accessories to tailor your pre-wired power pole to your specific applications. From regular power duplex and isolated ground duplex receptacles to twist-lock receptacles in varying amperage ratings, D&P offers exactly what you need for your ideal power pole set-up.

Power Pole Standard Extrusions



Standard Lengths:

- 12'6"
- 15'6"
- 22'

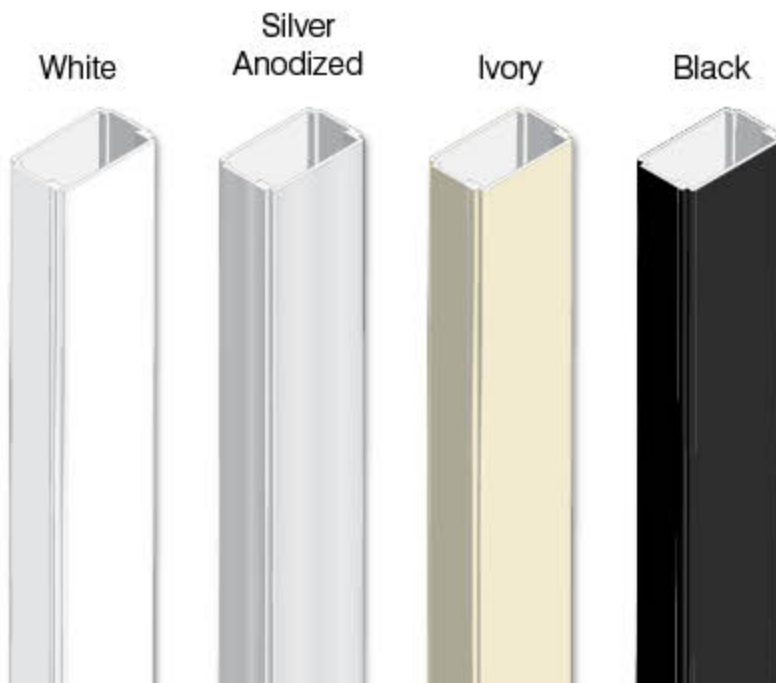
Custom lengths are available

Extrusion	Main Channel	2nd Channel	3rd Channel
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Standard 2-ch Expansion	4.31 Sq in.	1.55 Sq in.	--

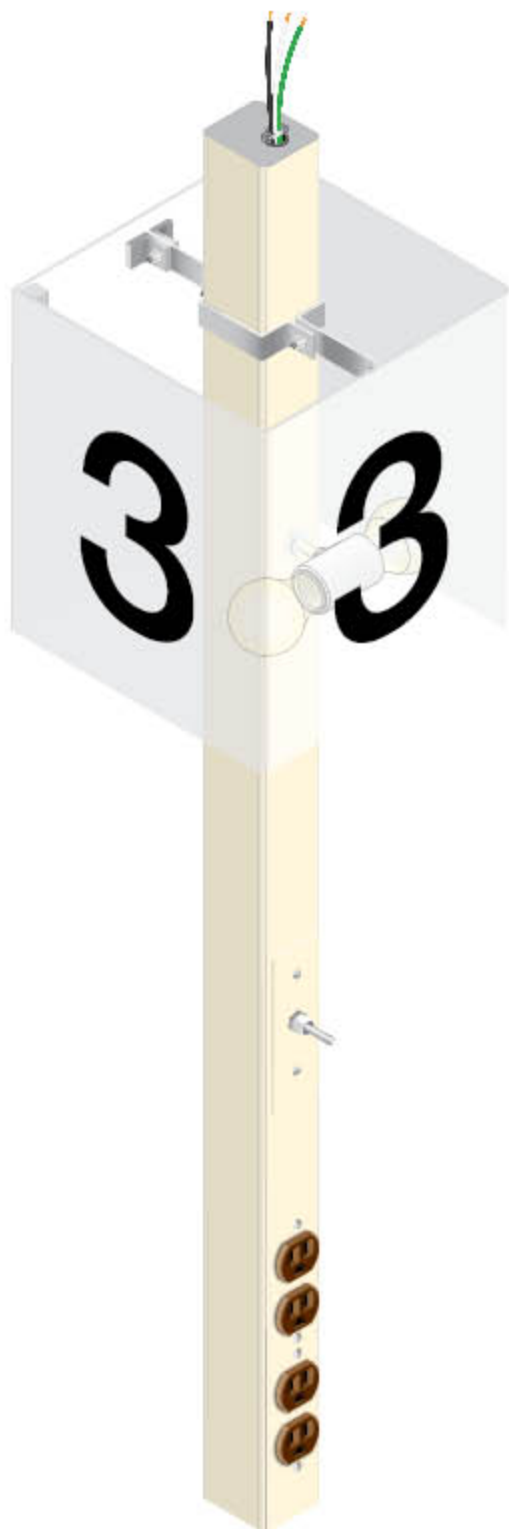
Other Combinations are available

Standard Colors

Custom colors are available



Pre-Wired Power Poles with Shades



Ivory single circuit power pole with numbered checkout shade, 2-way switch, and two standard duplexes

Power Pole Mounting Options

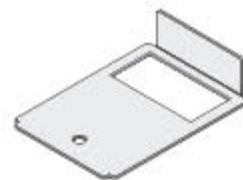
Cup Bracket

Anchors the power pole on top of a counter or gondola top rail



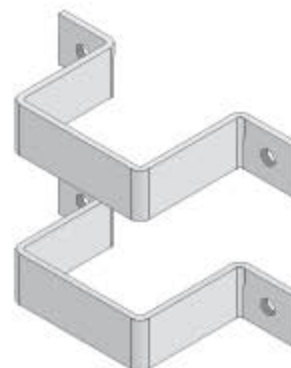
Foot Plate

Anchors the power pole to the floor



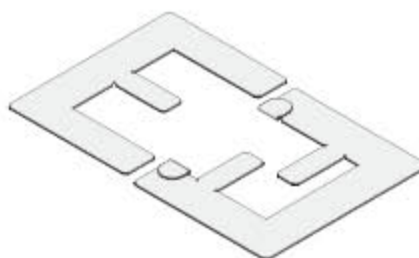
Side Mount

Anchors the power pole to the side of a counter or half-wall



Hardware Kit for Ceiling Tile

Trim Plates



T-Bar Bracket



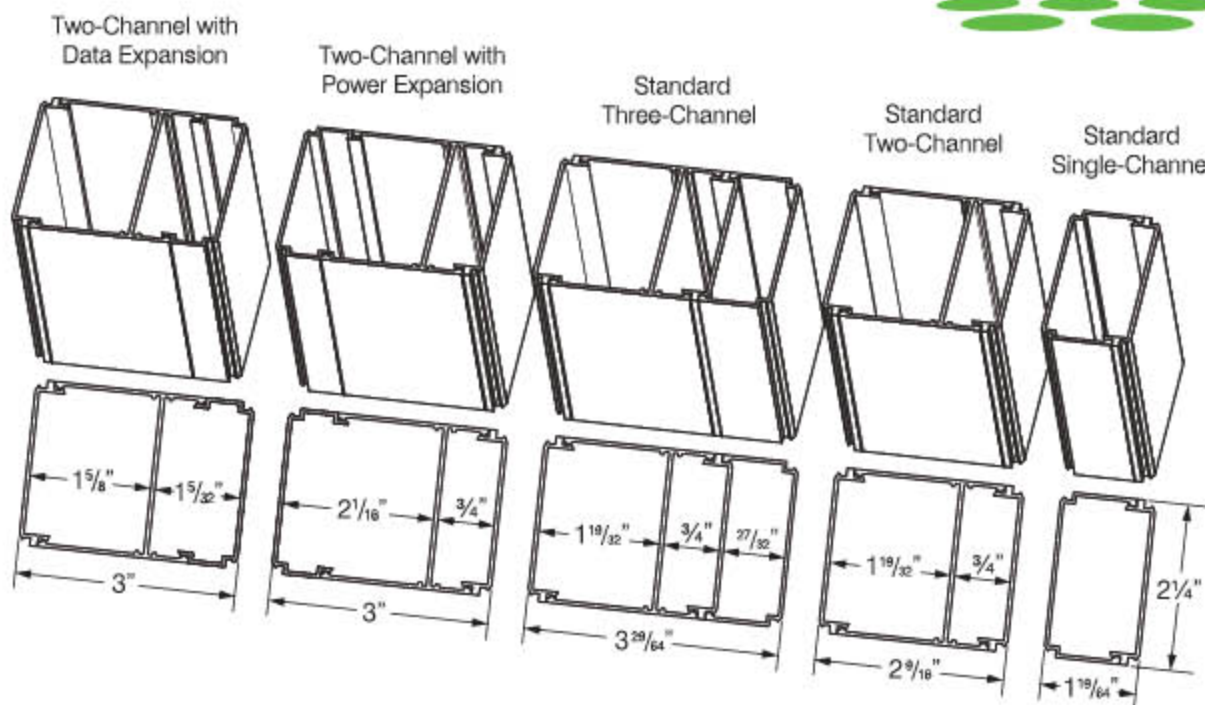
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D&P offers a wide variety of options to customize your pre-wired power poles with shades. Choose: pole color, numbered checkout shade style and size configurations to work perfectly with your retail setting. From light bulb sockets and power outlets in several amperage ratings, to 2 or 3-way power switches, D&P offers exactly what you need for your ideal power pole set-up. Our special line of illumiLED™ edge-lit (as thin as ½") checkout shades can also be added to your pre-wired power pole.

Power Pole Standard Extrusions



Standard Lengths:

- 12'6"
- 15'6"
- 22'

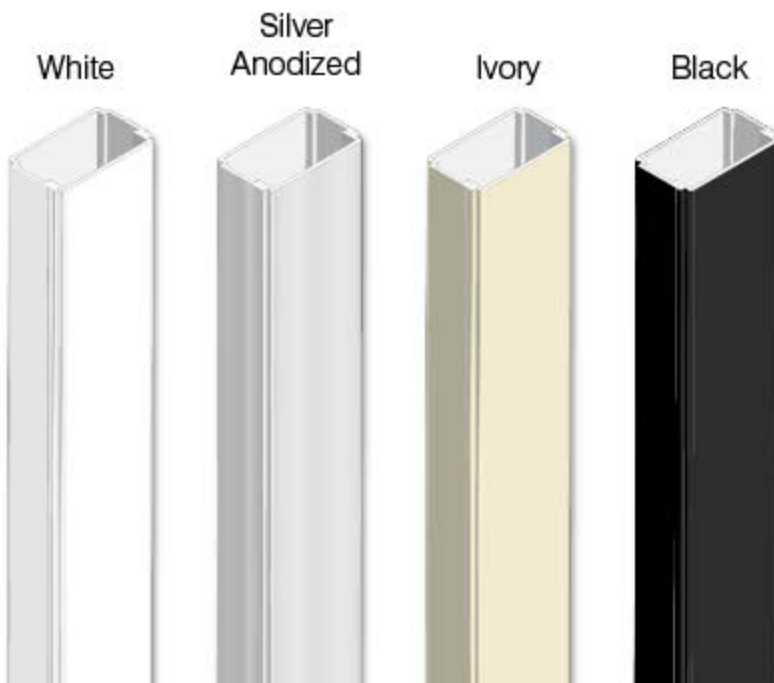
Custom lengths are available

Extrusion	Main Channel	2nd Channel	3rd Channel
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Standard 2-channel	3.40 Sq in.	1.55 Sq in.	--
Standard 3-channel	3.40 Sq in.	1.55 Sq in.	1.77 Sq in.
Standard 2-ch Expansion	4.31 Sq in.	1.55 Sq in.	--

Other Combinations are available

Standard Colors

Custom colors are available



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.

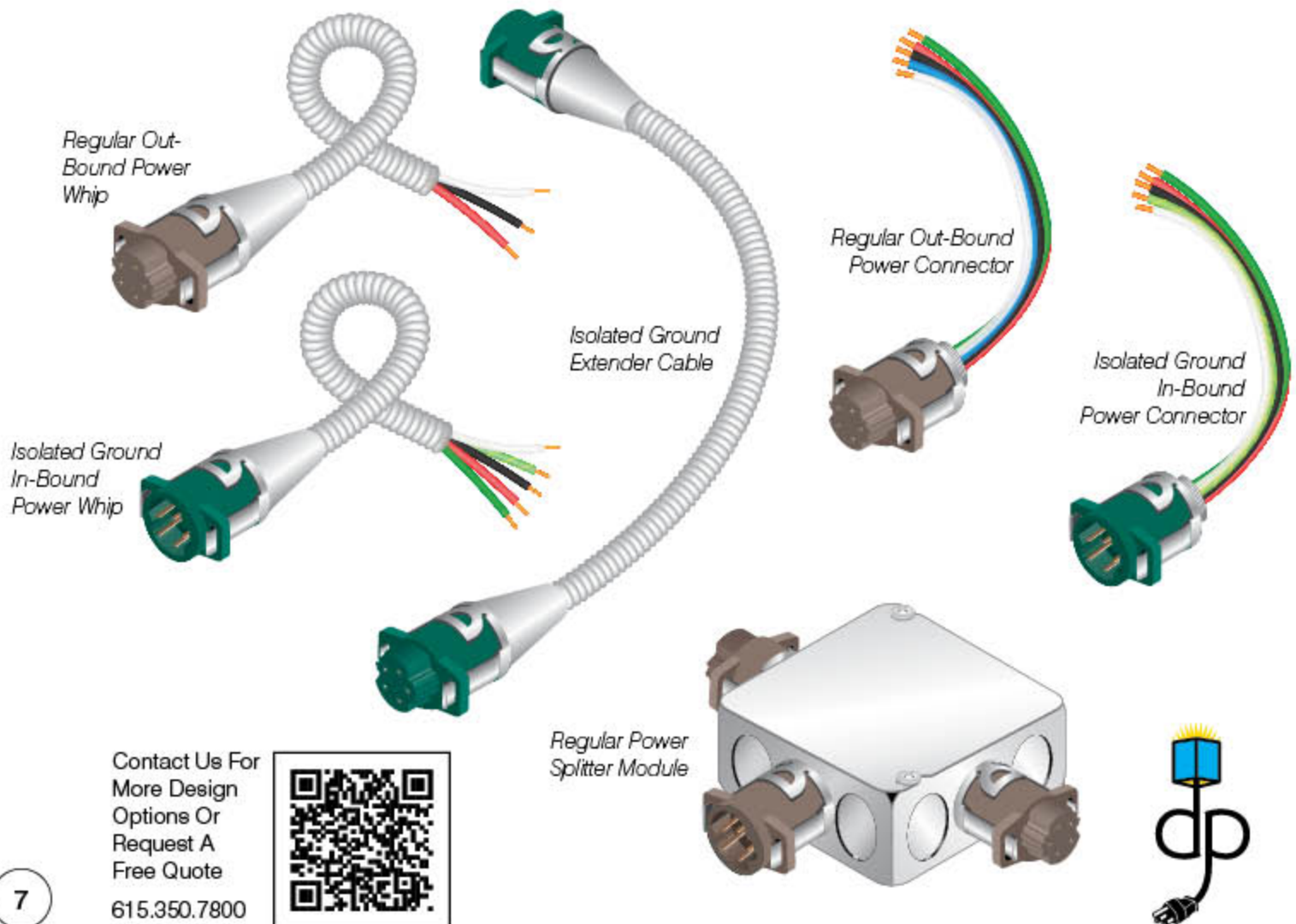
D&P's checkout lights, interior signage, aisle markers and wayfinders all work together to expedite traffic flow, help customers find the products and services they need and provide a pleasing retail environment.

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

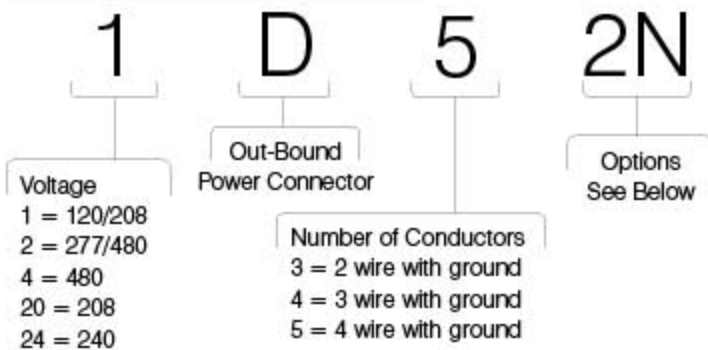


ACLinx® Out-Bound Power Connector

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
-  LISTED

Product Ordering Key

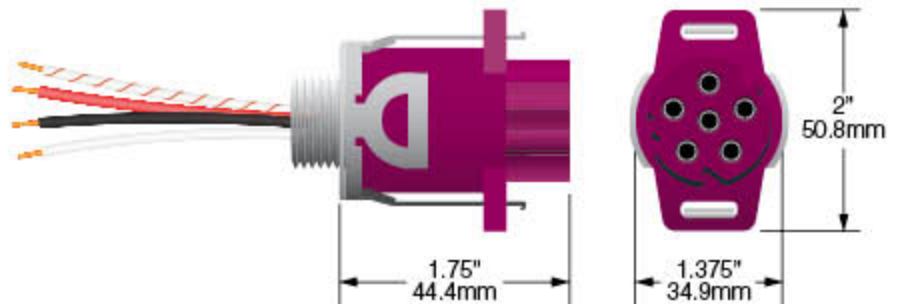


Connector Key Coding

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




Intro To Modular
Wiring Video

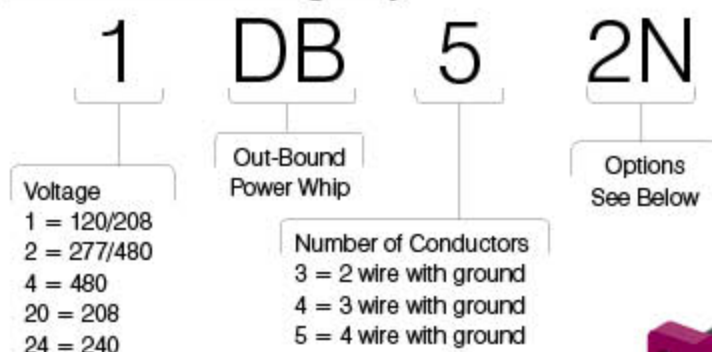


ACLinx® Out-Bound Power Whip

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
- 

Product Ordering Key

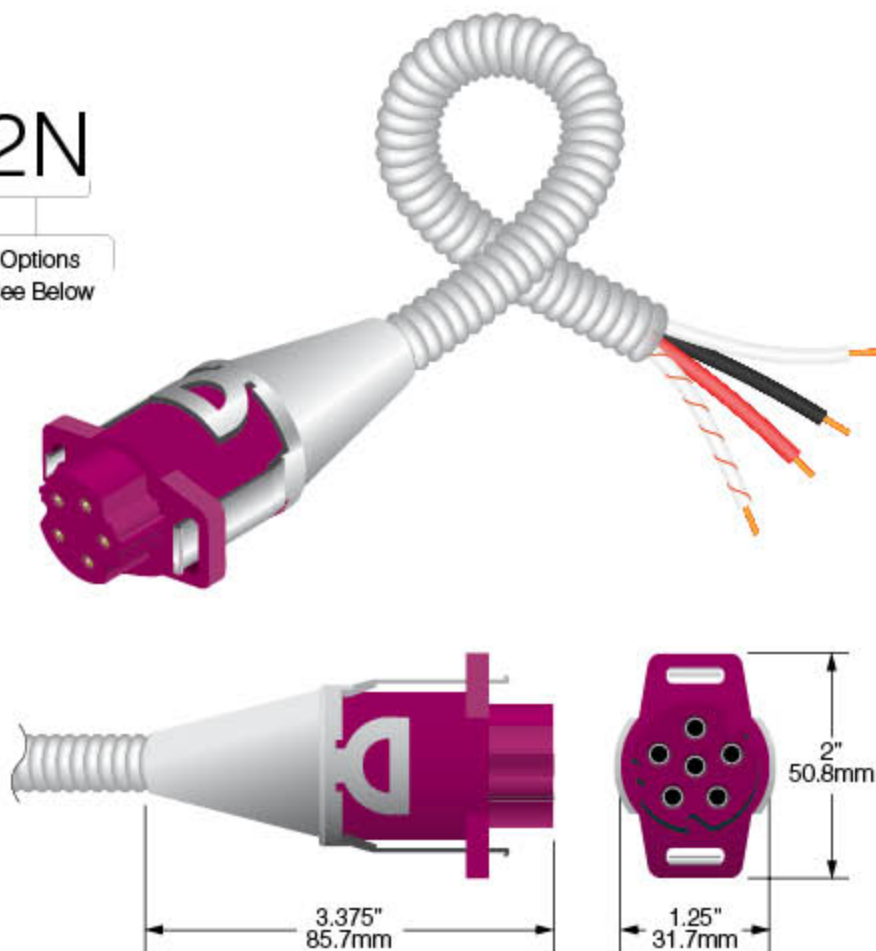


Connector Key Coding

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




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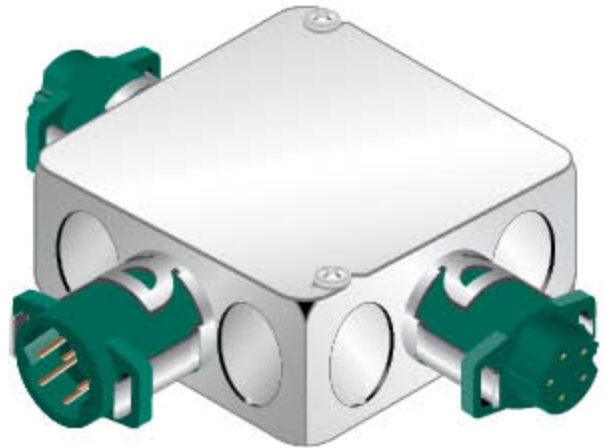
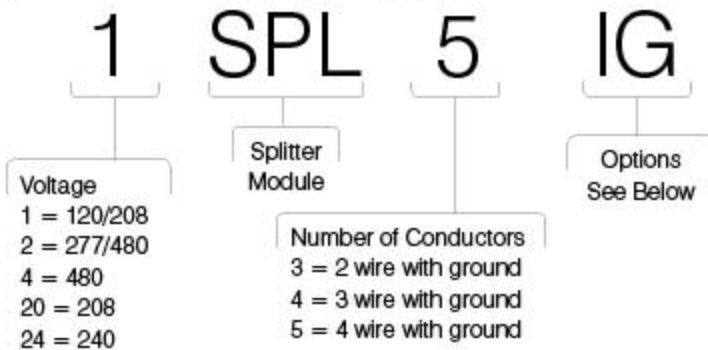


ACLinx® Splitter Module

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
-  LISTED

Product Ordering Key

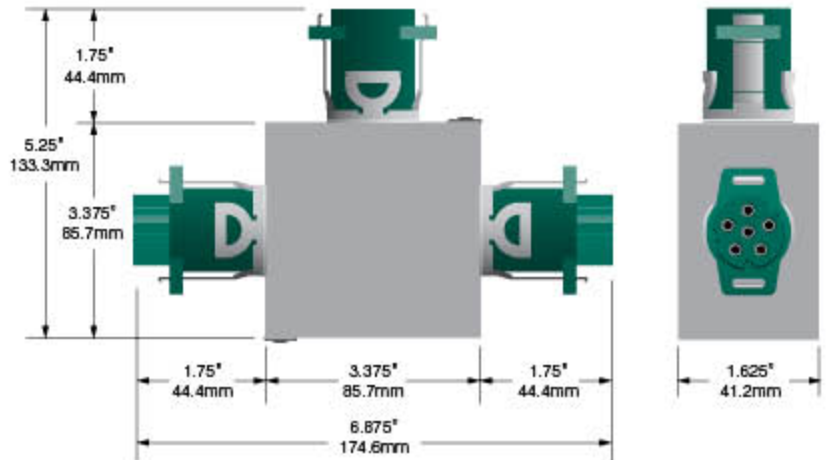


Connector Key Coding

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




Modular Wiring
Installation
Video

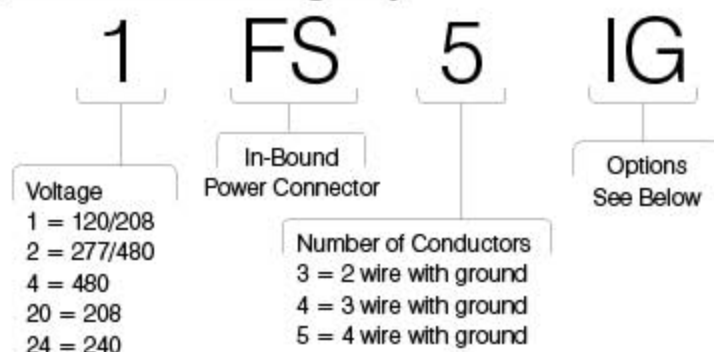


ACLinx® In-Bound Power Connector

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
-  LISTED

Product Ordering Key

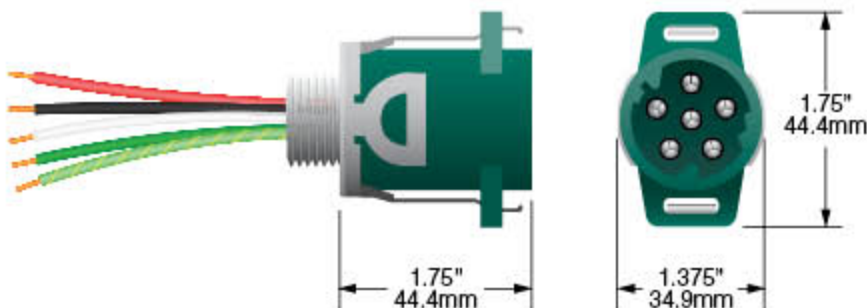


Connector Key Coding

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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




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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
- 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

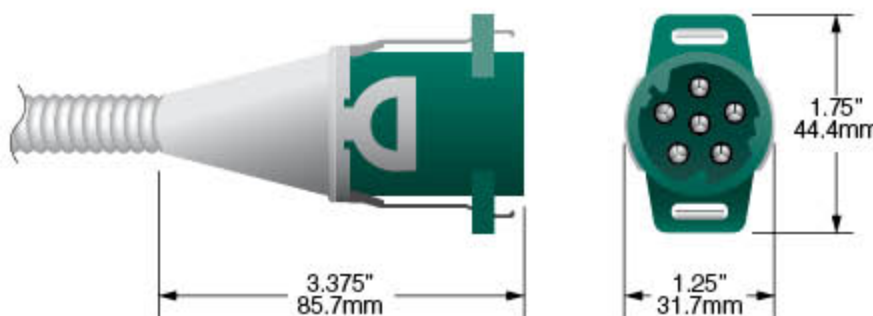
1	FW	5	IG
Voltage 1 = 120/208 2 = 277/480 4 = 480 20 = 208 24 = 240	In-Bound Power Whip	Number of Conductors 3 = 2 wire with ground 4 = 3 wire with ground 5 = 4 wire with ground	Options See Below

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



Putting the "Fun"
Back In Functional
Video



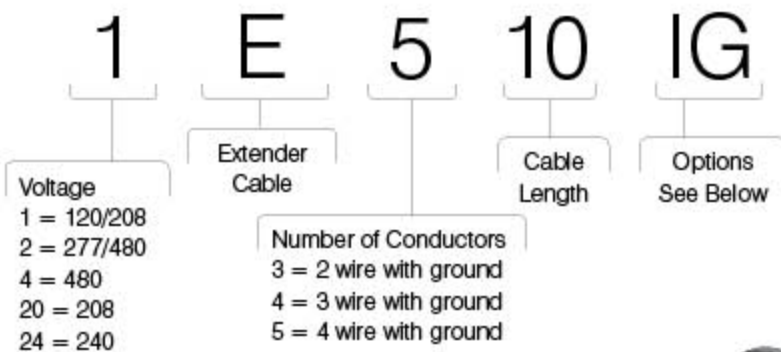
ACLinx® Extender Cable

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
- 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

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Options

Suffix	Description
-2N	Dual Neutral
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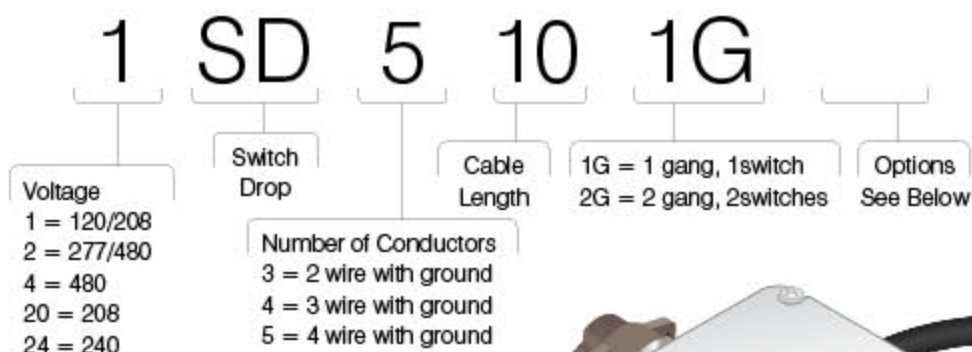
ACLinx® Switch Drop

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
- 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



Product Ordering Key

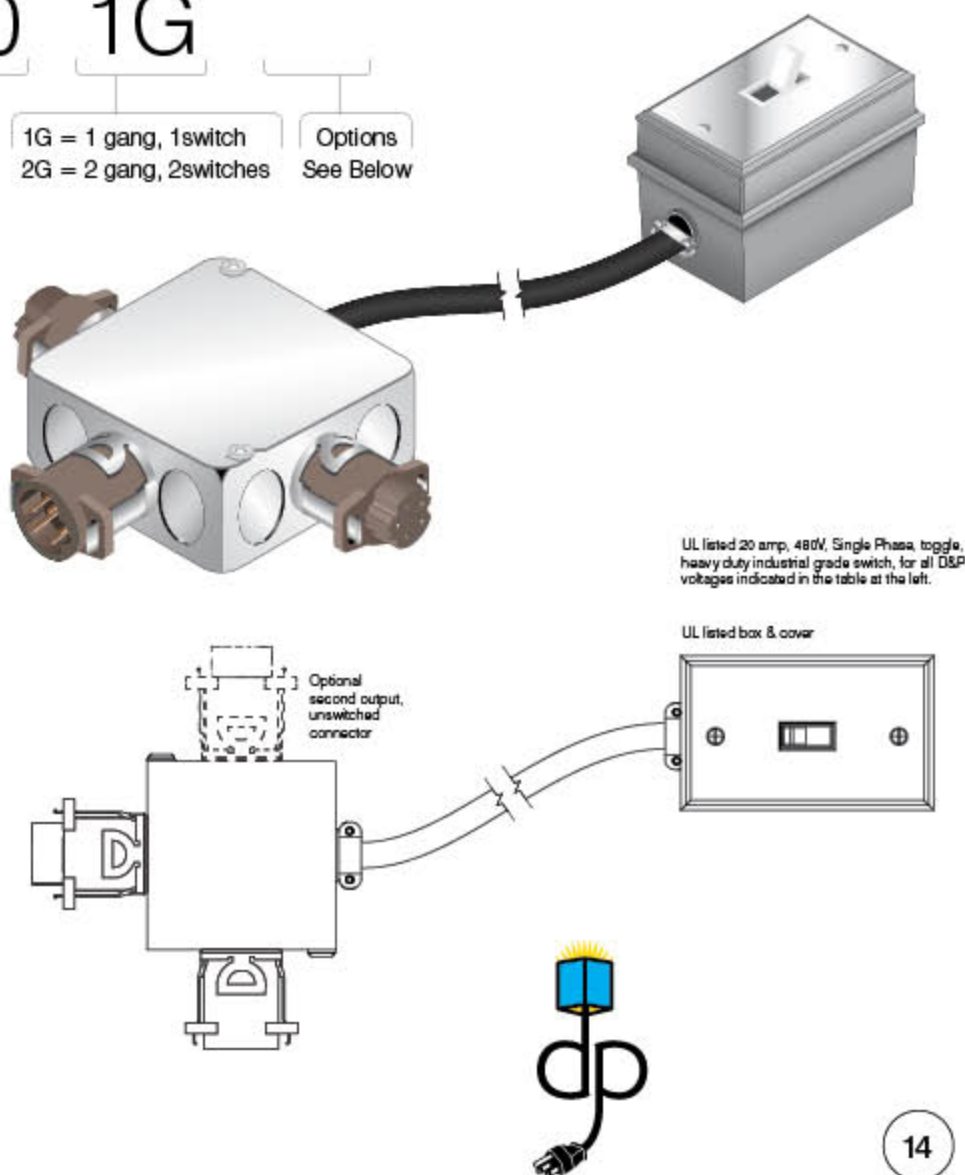


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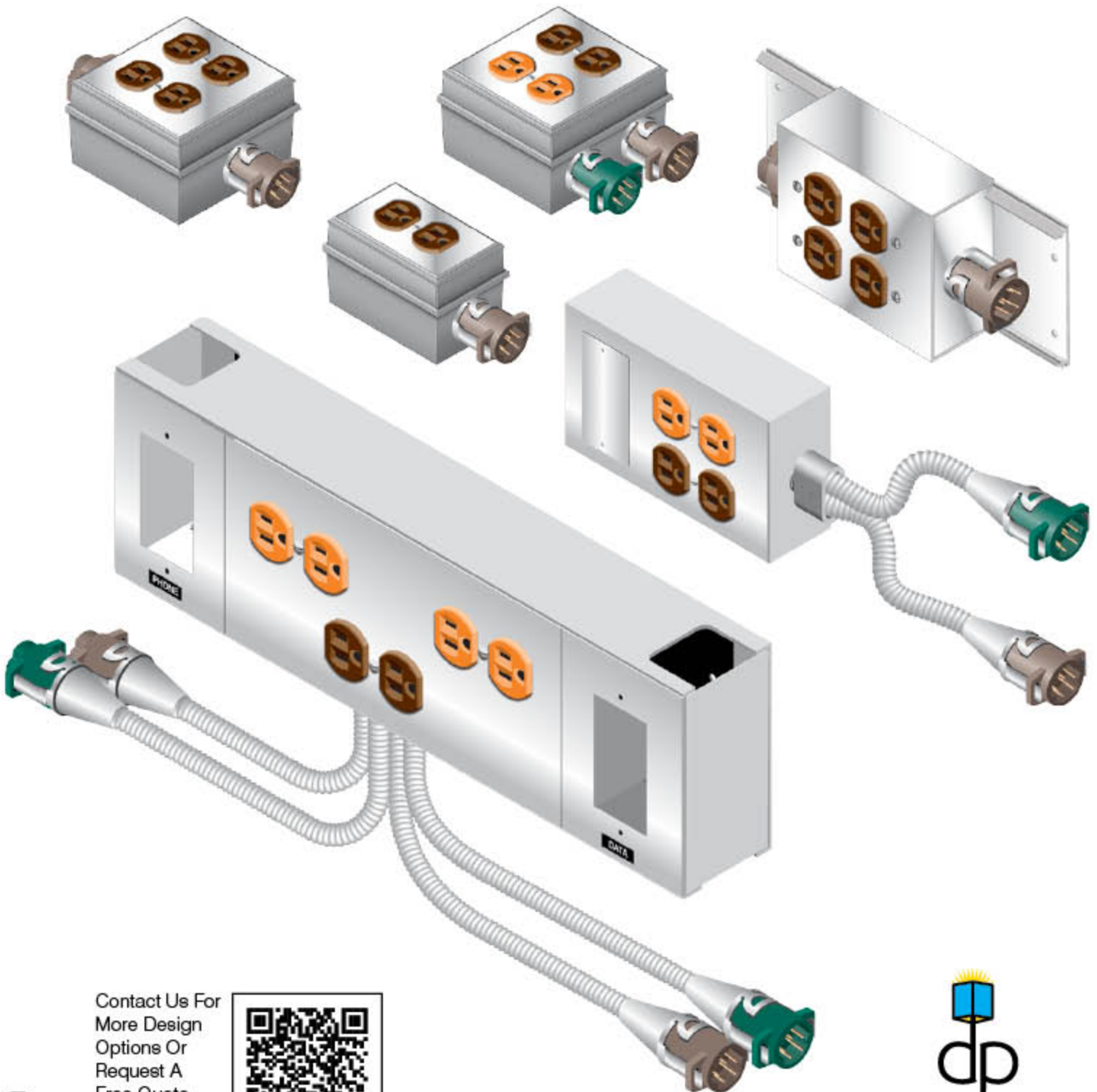
Options

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



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 that 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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What We Do

Custom Engineering & Design

- Plan review
- Fixture take-offs
- 3-D digital product prototypes in AutoDesk Inventor®
- CAD & 3-D product development
- Design concepts with software including Adobe Creative Suite®
- 3-D prototypes



Custom Fabrication Services

- 400 watt high-power laser cutting and engraving (acrylic fabrication, sheet metal cutting, & 3D engraving)
- Welding, punching, shearing • Water jet cutting
- Heat & vacuum forming • CNC routing
- PVC & aluminum extrusion
- Materials from classic wood to styrene, color acrylics, PVC foam, aluminum, steel, & faux neon

Graphics and Imaging Services

- Design using Adobe Creative Suite®
- Vinyl lettering
- 4/C process digital color printing
- Large format printing



Paints and Finishes

- Painting
- Staining
- In-house powder coating capability

Delivery & Installation

- International shipping
- Easy-to-use manuals and specification guides for all electrical products.
- Video demonstration for modular electrical systems showing this innovative, time-saving, state-of-the-art technology.
- Installation training DVDs & CD-ROMS.
- On-site training as required.



D&P Is Every Retailer's Secret Weapon!



D&P Custom Lights & Wiring Systems, Inc.
900 63rd Avenue North | Nashville, TN 37209
800.251.2200 | 615.350.7800 | fax 615.350.8310
catalog@dandpcustomlights.com

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