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POWER PRODUCTS

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| RELOC SYSTEMS OVERVIEW | ONEPASS® | QUICK-FLEX® | 820 SYSTEM |
|--|--|--|--|
| Usage | Indoor, dry and accessible areas | Indoor, dry and accessible areas | Indoor, dry and accessible areas |
| Amperage | 20 AMPS | 20 AMPS | 20 AMPS |
| Applications | Open-ceiling lighting | Recessed-ceiling lighting | Commercial lighting commercial power |
| Number of contacts | 5 | 4 | 5 |
| Number of conductors | 3-5 | 3-4 | 3-5 |
| Size of conductors | 12 AWG, 10 AWG | 12 AWG | 12 AWG |
| Luminaire grounding | Ground lead | UL listed for auto-grounding; optional ground lead available (G option) | UL listed for auto-grounding; optional ground lead available (G option) |
| Size of fixture leads | 16 AWG | 18 AWG | 18 AWG |
| Fixture access plate included | No | Yes | No |
| Phase selection | Circuit selector | Crossover cable | Crossover cable |
| Keying (available voltages) | 120V, 208V, 277V, 347V, 480V | 120V, 208V, 277V, 347V | 120V, 208V, 277V, 347V, 480V, IG |
| Latching type | Metal latch high-tensile plastic latch | High-tensile plastic latch | Metal latch |
| Listing | UL/cUL | UL/cUL | UL, CSA |
| NYC approval | Calendar number 48273 | Calendar number 47802 | Calendar number 48072 |
| Cable type | FMC, MC | MC | FMC |
| Combo factory wiring option | Yes See page 107 for more wiring options | A - All normal ballasts wired to Hot1 B - All normal ballasts wired to Hot2 (12/3G cable only) AB - All normal ballasts wired to Hot1 and Hot2 (12/3G cable only) AE - All normal ballasts connect to Hot1; EL inverter connects to Hot2 (12/3G cable only) S | A - All normal ballasts wired to Hot1 B - All normal ballasts wired to Hot2 (12/3G cable only) AB - All normal ballasts wired to Hot1 and Hot2 (12/3G cable only) AE - All normal ballasts connect to Hot1; EL inverter connects to Hot2 (12/3G cable only) |
| Cable & cord color | Cable - all colors Cord - white, black | All colors | All colors |
| Usable in other spaces used for environmental air NEC (300.22C) | No | Yes | Yes |
| Temperature rating | -20°C to 90°C (105°C for cord products) | -20°C to 90°C | -20°C to 90°C |
| Dust cover | Provided with each master pack Additional covers: order part number RDC3 METAL DUST COVER J50 | Provided with each master pack Additional covers: order part number QUICKFLEX DUST COVER J50 | Provided with each master pack Additional covers: order part number RDC3 METAL DUST COVER J50 |
| Patents | US 5,679,016 | US 6,083,053; US 6,102,733; US 6,113,435; US 6,126,490 | |

Extend Your Savings Back to the Panel with RELOC[®] Mainrun Cable

Now the benefits of RELOC wiring can be realized all the way back to the breaker panel. RELOC offers a comprehensive plug-and-play modular wiring solution from the RELOC prefab panel out to the lighting fixtures and power receptacles including a full line of power poles and multi-outlet assemblies.

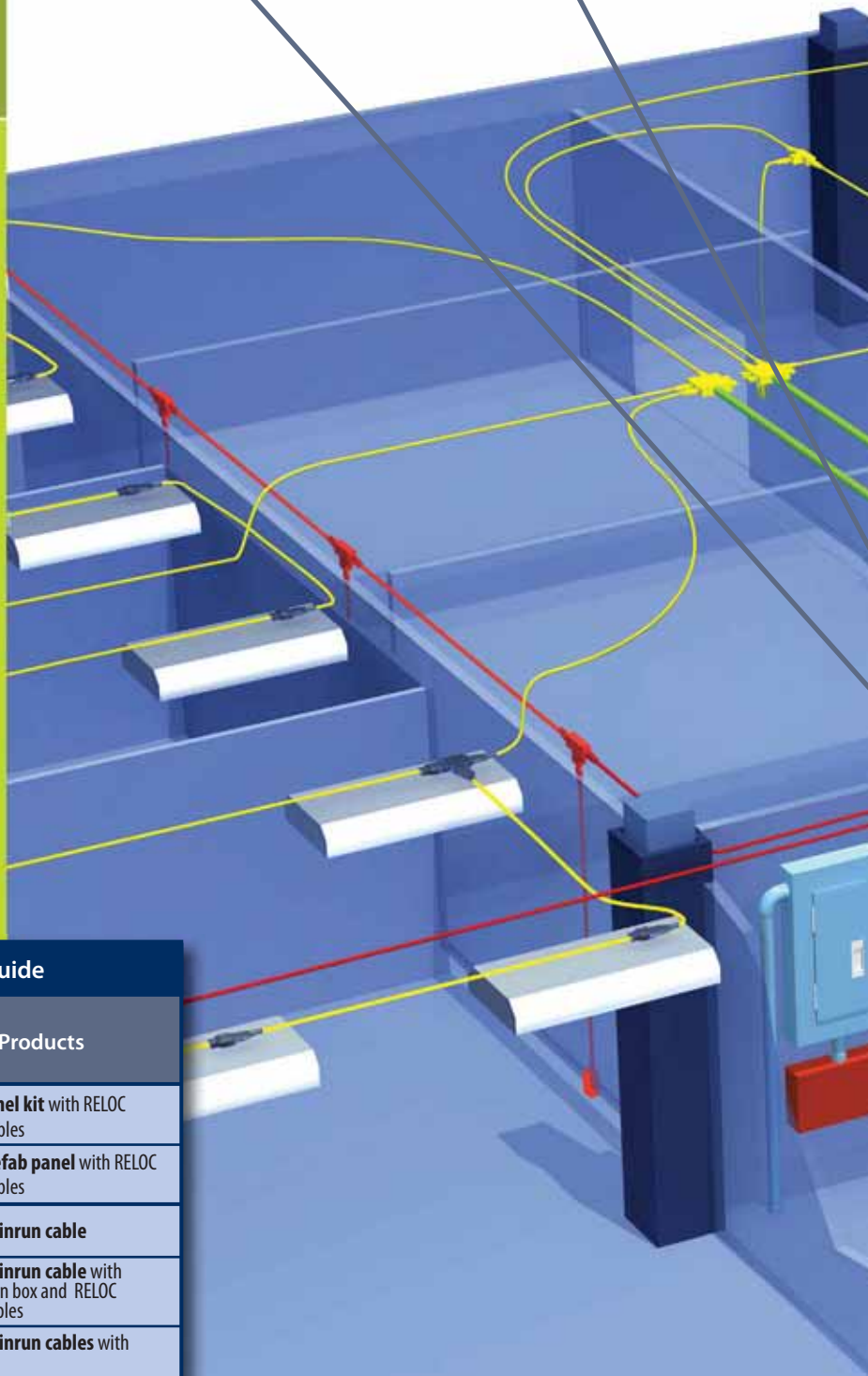
The benefits of RELOC wiring are more critical in today's fast-paced construction market, since staying on schedule and budget is tougher than ever. Every job demands wiring solutions that reduce installation time and adapt easily to design changes that occur during and after initial construction. Due to rising labor costs and shortages of qualified and experienced electricians, traditional wiring methods no longer measure up.

RELOC Prefab Panel (RPP)

RELOC now offers a factory-wired lighting or power breaker panel with your choice of panel manufacturer. Panels are supplied with all the breakers pre-wired to RELOC starter connectors mounted in the cabinet.

RELOC Panel Kit (RPK)

When using the RELOC prefab panel isn't possible, the RPK gives you an easy way to field-wire RELOC starter connectors to your panels.



Back to the Panel Selection Guide

| Run Lengths | Number of circuits per run | Conductor size | Products |
|-----------------------|----------------------------|----------------|--|
| Less than 100 feet | 3 circuits maximum | 10 AWG maximum | RELOC panel kit with RELOC system cables |
| | | | RELOC prefab panel with RELOC system cables |
| 50 to 300 feet | 3 to 12 circuits | 8 AWG maximum | RELOC mainrun cable |
| Greater than 300 feet | | | RELOC mainrun cable with distribution box and RELOC system cables |
| | | | RELOC mainrun cables with pull box |

RELOC Mainrun Cable (RMC)

The RELOC mainrun cable extends your savings from the home run junction box back to the breaker panel.

RELOC Mainrun Cable - Pull Box Option

The pull box is ideal for lengths greater than 300' and/or when circuits need to be distributed at points along the path of the RELOC mainrun cable.

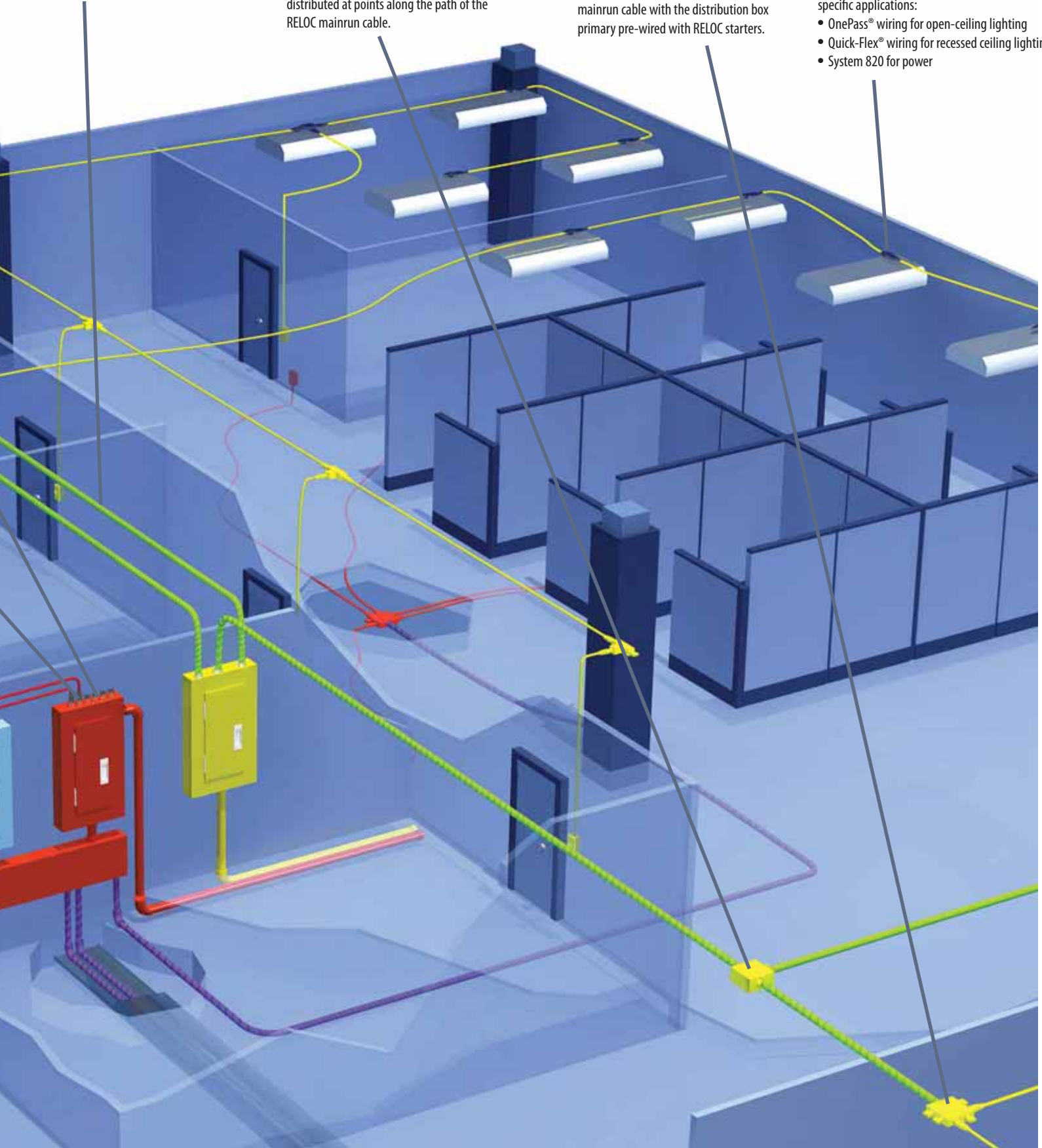
RELOC Mainrun Cable - Distribution Box Option

For maximum savings, order the RELOC mainrun cable with the distribution box primary pre-wired with RELOC starters.

RELOC Modular Systems

RELOC offers three systems uniquely designed for specific applications:

- OnePass® wiring for open-ceiling lighting
- Quick-Flex® wiring for recessed ceiling lighting
- System 820 for power



PRODUCT INFORMATION

RPP

RELOC® Prefab Panel



Intended Use
Standard electrical panel used to house circuit breakers and other overcurrent protection devices. RELOC Prewired Panel is configured with one or more RELOC ports to distribute circuits to utilization equipment.

Electrical
Panels are provided as series-rated; fully-rated panels available.

Isolated ground and 2H/2N wiring to RELOC ports available.

All internal load-side wiring uses 12 AWG stranded copper THHN (90°C).

System Features
Available with up to 14 RELOC ports with up to three circuits per RELOC port.

Compatible with RELOC systems 820, Quick-Flex® and OnePass® modular wiring systems.

Available in models Cutler-Hammer®, GE®, Square D®, and Siemens®.

Installation
Fully labeled to indicate circuit available at each port.

Listings
UL and CUL Listed.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example: RPP 42 P2 100 IC5 MLT SS SD RP**

| Series | Number of circuits ¹ | Voltage | Maximum rating | Current rating | Main feed options | Mounting | Manufacturer ² | Options ³ |
|------------------------|---------------------------------|-------------|----------------|----------------|-------------------------|---------------------|---------------------------|----------------------|
| RPP RELOC prefab panel | 18 | P1 120/208V | 100 100 amp | IC5 5kAIC | MLT Main lug top | SS Standard surface | GEN General Electric | RP RELOC ports |
| | 24 | P2 277/480V | 225 225 amp | | MLB Main lug bottom | | SD Square D | |
| | 36 | | | | MBT Main breaker top | | CH Cutler-Hammer | |
| | 42 | | | | MBB Main breaker bottom | | SM Siemens | |

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

Notes

- 36-circuit pole panels will have at least 30 circuits full of feeder breakers. 42-circuit pole panels will have at least 36 circuits full of feeder breakers.
- All panels will be provided as a series-rated panel unless a fully rated panel is clearly specified.
- RP option ensures the panel is assembled with RELOC ports and all internal wiring is complete.

PRODUCT INFORMATION

RPK

RELOC® Panel Kit



Intended Use
The RELOC panel kit enables the start of a RELOC wiring system at the panel in the field.

Construction
Pin and socket contacts.

Electrical
Rated for use on 20A branch circuits.

All conductors are 12AWG branch circuits.

All components provide a fully-rated 12AWG grounding conductor.

System Features
Male/female design allows removal of a device without additional components.

Kit includes 14 starter units for System 820 and OnePass®.

Kit includes up to 21 starter units for Quick-Flex.

Color-coded labels for quick voltage identification.

Additional labeling properly denotes type and position of each conductor.

Each starter provided with 72" wire leads.

Installation
Fits ½" trade size KO (.875" dia.) on the electrical panel.

Listings
UL and CUL Listed.

ORDERING INFORMATION For shortest lead times, configure products using **bolded options**. **Example: RPK 120 CD**

| Series | Voltage | Output connection |
|---------------------|-----------------|--|
| RPK RELOC panel kit | 120 120V | CD System 820 circuit distributor ¹ OC OnePass converter ¹ QC Quick-Flex converter ² |
| | 208 208V | |
| | 277 277V | |
| | 347 347V | |
| | 480 480V | |

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

Notes

- CD and OC include 14 five-wire starters.
- QC includes 21 four-wire starters.

Intended Use

An economic alternative to the site-constructed conduit and wire or metal cable (MC) normally used from the panel to a distribution point or between pull boxes. When combined with the distribution box primary (DBP) the RMC is a complete modular solution.

Construction

Fabricated with listed flexible metal conduit (type FMC).
Packaged in Gaylord cartons, on pallets, or on reels.

Electrical

Capacity for 8 AWG-12 AWG hot conductors and 6AWG-12AWG neutral conductors.

All conductors are type THHN rated for 90°C.

Pull tape available.

System Features

RMC provides various levels of modularity that allows the user to order the specific combination of conductors required and install it directly at the site.

Installation

Suitable for use in other environmental air areas used for NEC 300.22 (c).

Listings

Assembly of all UL Listed components.

RMC
RELOC® Mainrun Cable



Example: RMC 200 12/3H 12/1N 12/2G

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

| Series | Length ¹ | Hot conductor properties ² | Neutral conductor properties ³ | Ground conductor properties ⁴ | Panel end lengths | Distribution box ⁵ | Options | Packaging |
|-----------------------------------|-------------------------------------|--|--|---|---|--|-------------|---|
| RMC RELOC mainrun cable | 50 - 300 Cable armor in feet | 8/_H 8-gauge wire with _ hot conductors | 6/_N 6-gauge wire with _ neutral conductors | 8/_G 8-gauge wire with _ ground conductors | (blank) 10 ft. A 20 ft. B Custom | (blank) 3' leads C Distribution box primary ⁶ D Pull box | T Pull tape | (blank) Reel P Pallet G Gaylord carton |
| SSRMC SIMPLY5 RELOC mainrun cable | | 10/_H 10-gauge wire with _ hot conductors | 8/_N 8-gauge wire with _ neutral conductors | 10/_G 10-gauge wire with _ ground conductors | | | | |
| | | 12/_H 12-gauge wire with _ hot conductors | 10/_N 10-gauge wire with _ neutral conductors | 12/_G 12-gauge wire with _ ground conductors | | | | |
| | | 14/_H 14-gauge wire with _ hot conductors | | 14/_G 14-gauge wire with _ ground conductors | | | | |
| | | 16/_H 16-gauge wire with _ hot conductors | 12/_N 12-gauge wire with _ neutral conductors | 16/_G 16-gauge wire with _ ground conductors | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Available in 10-foot increments.
- 2 Specify number of hot conductors (1-12) in blank.
- 3 Specify number of neutral conductors (1-6) in blank.
- 4 Specify number of ground conductors (1 or 2) in blank.
- 5 Consult factory for custom requirements.
- 6 See DBP below for configurations when sold as one unit.

PRODUCT INFORMATION

Intended Use

A modular junction box that allows transition from oversized conductors used in the RELOC mainrun cable (RMC) to the RELOC modular wiring system. Available in two sizes, the DBP can be used in an open ceiling, above a hung ceiling, and below a raised floor, including low-profile raised floors.

Construction

Two sizes: 9"x9" (up to six RELOC ports) and 12"x12" (up to 12 RELOC ports).
Low-profile DBP is 1.7" high.

Electrical

Rated for 20A branch circuit use.
Isolated ground and two hots and two neutral wiring available.
All internal wiring uses 12AWG stranded copper THHN (90°C).

System Features

Compatible with RELOC systems 820, Quick-Flex® and OnePass®. The DBP is normally provided with an integrated RMC attached and all ports and conductors labeled to show circuit assignments.
The DBP can be provided without a RMC, allowing the circuits to be field-wired to the DBP using any approved wiring method. Labeled terminal blocks are standard

for field wiring the RMC to the DBP.

Available with up to 12 RELOC ports; up to three circuits per RELOC port.

Installation

Suitable for use in other environmental air areas used for NEC 300.22 (c). Labeled to identify panel and circuit available at each port.

Listings

UL and CUL Listed.

DBP
Distribution Box Primary



Example: DBP 120 4CD

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

| Series | Voltage | Output connection ¹ | Options |
|--|------------------------------|--|----------------------------------|
| DBP Distribution box primary | 120 120V | _CD System 820 circuit distributor ^{2,5} | 2N Two hots and neutrals |
| SSDBP SIMPLY5 distribution box primary ^{6,10} | 208 208V ⁶ | _OC OnePass converter ^{2,5,7} | IGW Isolated ground wire |
| | 220 220V ⁶ | _QC Quick-Flex converter ^{3,4,8,9} | PB Pull box ¹¹ |
| | 240 240V ⁶ | _SSCD SIMPLY5 circuit distributor ¹⁰ | LP Low-profile box |
| | 277 277V | | |
| | 347 347V | | |
| | 480 480V ⁶ | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Minimum output ports available is 2. Maximum output ports available is 12. Specify number of ports per box in blank.
- 2 CD and QC - three circuits available for 120V, 277V and 347V. Three phase circuit or two circuits available for 208V, 220V, 240V, and 480V.
- 3 QC - two circuits available for 120V, 277V and 347V.
- 4 QC - not available in 208V, 220V, 240V and 480V.
- 5 CD and QC - 120V, 277V and 347V two circuits available with 2N option only.
- 6 Not available with IGW and 2N options.
- 7 QC - not available with IGW option.
- 8 QC - 120V one circuit available with IGW option.
- 9 QC - 2N option not available.
- 10 SSCD available with SSDBP only.
- 11 Maximum number of output ports available with PB option is 8.

PRODUCT INFORMATION

ONEPASS®

Patented OnePass® Circuit Selected



The OnePass® circuit selector features a unique thumbslide action that allows you to choose the desired hot conductor(s) to energize each fixture in the field. The OCS and non-selectable OCU permit disconnecting the fixture without disrupting the power downstream.

The OCS enables all fixtures to be wired the same way, with the ability to select the appropriate circuit when the fixture is installed. For future changes, simply unplug the OCS and select a different circuit.

Intended Use
The OnePass system offers quick installation of industrial fixtures plus the

flexibility to relocate fixtures in the future. Patented components allow both fixtures and wiring to be installed at the same time or in one pass, significantly reducing labor.

System Features
Pin-and-socket contacts.

Rated for use on 20-amp branch circuits.

Safety keying prevents accidental mating of components of different voltages. Color-coded labels for quick voltage identification.

Each conductor and position is properly identified for easy circuit identification throughout the system.

Circuit selector (OCS) is No. 16AWG rubberized cord

with 105° C thermoplastic insulation, conductors rated at 600V. Starter cable, 2-port (OSC2) and OnePass cable, 2-port (OC2) are 10AWG or 12AWG, MC cable with 90° C thermoplastic insulation and conductors rated at 600V.

Fixture removal may be accomplished without interrupting the branch circuit wiring.

Component design allows removal without additional components. Suitable for make or break under load.

Replaces conventional cord and plug. Uniquely keyed for industrial/open-ceiling applications.

Housing components are constructed of textured, high-impact, polymeric compound (OCS). Patent No. 5,679,016 (OCS).

All unused parts are required to be covered. The RDC3 is the dust cover for the OnePass system. If extra dust covers are needed, they can be ordered separately: RDC3 METAL DUST COVER J50.

Listings
UL Listed to U S and Canadian safety standards.

Caution: This product is not intended for installation in outdoor, damp or humid locations. Please consult with factory for use in any classified areas.

PRODUCT INFORMATION

OC

OnePass® Converter



Intended Use
Provides the interface between hardwiring and the OnePass system at homerun location.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: OC 277 12/4G

| Series ³ | Voltage | Conductors ¹ | Options |
|---------------------|-----------------|---|---|
| OC | 120 120V | 12/2G Two 12AWG conductors plus one 12AWG ground | 2N Two circuit, two neutral ² |
| | 208 208V | 12/3G Three 12AWG conductors plus one 12AWG ground | |
| | 240 240V | 12/4G Four 12AWG conductors plus one 12AWG ground ² | |
| | 277 277V | | |
| | 347 347V | | |
| | 480 480V | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Conductors available in 12AWG only. If 10AWG is required, OSC2 must be used.
- 2N options available only in 120, 277, 347 voltages and only with 12/4G conductors.
- Standard wire lead length is 6 inches. Consult factory for longer lengths.

Intended Use

A plug-in connection for open ceiling fixtures. Prewired by fixture manufacturer or field installed by contractor.

OCS

OnePass® Circuit Selector Unit



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: OCS 277 05 WH

| Series | Voltage | Length ⁴ | Finish |
|------------|--------------------------------|---------------------|----------------------|
| OCS | 120 120V ¹ | 05 5 ft | WH White cord |
| | 208 208V ^{2,3} | 10 10 ft | BK Black cord |
| | 240 240V ^{2,3} | 15 15 ft | |
| | 277 277V | 20 20 ft | |
| | 347 347V | 25 25 ft | |
| | 480 480V ^{2,3} | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 120V and 277V two-circuit, two-neutral applications require the OCU to pick up the second hot and neutral.
- For two-circuit 208V, 240V and 480V applications, the OCU TAP34 is required to pick up the 2nd circuit.
- 208V, 240V and 480V OCS uses two selector switches. This allows the selectability to operate the fixture on any combination of phase circuit A, B or C.
- Standard lengths listed. Consult factory for custom requirements.

PRODUCT INFORMATION

Intended Use

A polarized, non-circuit, selectable plug-in connection for industrial fixtures. Prewired by fixture manufacturer or field installed by contractor.

OCU

OnePass® Cord Unselectable



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: OCU 277 TAP123 10 WH

| Series | Voltage | Tap position ^{3,7} | Length ⁸ | Options | Finish |
|------------|------------------------------|---|---------------------|--|----------------------|
| OCU | 120 120V ¹ | TAP1 One hot; pin position 1 | 05 5 ft | 2N Two circuit, two neutral ^{4,5,6} | WH White cord |
| | 208 208V | TAP2 One hot; pin position 2 | 10 10 ft | | |
| | 240 240V | TAP3 One hot; pin position 3 | 15 15 ft | | |
| | 277 277V ¹ | TAP12 Two hots; pin position 1 & 2 | 20 20 ft | | |
| | 347 347V | TAP13 Two hots; pin position 1 & 3 | 25 25 ft | | |
| | 480 480V ² | TAP23 Two hots; pin position 2 & 3 | | | |
| | | TAP34 Two hots; pin position 3 & 4 | | | |
| | | TAP123 Three hots; pin position 1, 2 & 3 | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 120V and 277V standard with TAP123 and 10 ft white cord.
- 480V standard with TAP34 and 5 ft white cord.
- Tap position indicates the hot conductor's pin position.
- 2N not available in 208V, 240V, and 480V.
- 2N available in TAP12 and TAP2 positions, 120V and 277V only. The "TAP12_2N" configuration allows for five conductors (two hot conductors, two neutral conductors and a ground). The "TAP2_2N" configuration allows for 3 conductors (One hot conductor in the **second** pin position, one neutral conductor in the **third** pin position).
- Each configuration "TAP12_2N" and "TAP2_2N" requires "12/4G_2N" conductor OnePass® components to complete a two neutral solution.
- Consult factory for complex tap position configurations.
- Standard lengths listed. Consult factory for custom requirements.

PRODUCT INFORMATION

OC2

OnePass® Cable, Two-Port



Intended Use

A splitter and cable extender in one easy-to-use component. Used to bring power to OCS, OCU or an OD in industrial applications, or to split a circuit into two directions.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: OC2 277 12/4G 09

| Series | Voltage | Conductors | Length ³ | Options | Finish ² | |
|--------|------------|------------|---|-----------------|---|----------|
| OC2 | 120 | 120V | 12/2G Two 12AWG conductors plus one 12AWG ground | 05 5 ft | 2N Two circuit, two neutral ¹ | RD Red |
| | 208 | 208V | 12/3G Three 12AWG conductors plus one 12AWG ground | 09 9 ft | | BK Black |
| | 240 | 240V | 12/4G Four 12AWG conductors plus one 12AWG ground | 15 15 ft | | WH White |
| | 277 | 277V | 10/2G Two 10AWG conductors plus one 10AWG ground | 21 21 ft | | BE Beige |
| | 347 | 347V | 10/3G Three 10AWG conductors plus one 10AWG ground | 25 25 ft | | |
| | 480 | 480V | 10/4G Four 10AWG conductors plus one 10AWG ground | 31 31 ft | | |
| | | | | 35 35 ft | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

1. 2N available in 277V and 120V; 12/4G and 10/4G conductors only.
2. Colored cable available. Contact factory for other finishes.
3. Standard lengths listed. Consult factory for custom lengths.

PRODUCT INFORMATION

OSC2

OnePass® Starter Cable, Two-Port



Intended Use

Provides the interface between hardwiring and the OnePass system. A converter and extender in one component. The OSC2 is wired into the homerun junction box and brings power to the OCS, OCS2, OCU or OD.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: OSC2 277 12/4G 09

| Series | Voltage ¹ | Conductors | Length ⁵ | Options | Finish ⁴ | |
|--------|----------------------|---------------------|--|-----------------|---|----------|
| OSC2 | 120 | 120V ³ | 12/2G Two 12AWG conductors plus one 12AWG ground | 01 1 ft | 2N Two circuit, two neutral ³ | RD Red |
| | 208 | 208 | 12/3G Three 12AWG conductors plus one 12AWG ground | 09 9 ft | | BK Black |
| | 240 | 240V | 12/4G Four 12AWG conductors plus one 12AWG ground | 15 15 ft | | WH White |
| | 277 | 277V ^{2,3} | 10/2G Two 10AWG conductors plus one 10AWG ground ² | 21 21 ft | | BE Beige |
| | 347 | 347V | 10/3G Three 10AWG conductors plus one 10AWG ground ² | 25 25 ft | | |
| | 480 | 480V | 10/4G Four 10AWG conductors plus one 10AWG ground ² | | | |
| | | | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

1. All voltages standard with 12AWG conductors.
2. 277V, 10AWG conductors have the shortest leadtimes. Other voltages with 10AWG conductors require longer leadtimes.
3. 2N available in 277V and 120V; 12/4G and 10/4G conductors only.
4. Color cable available. Contact factory for other finishes.
5. Standard lengths listed. Consult factory for custom lengths.

OD

OnePass® Drop Cable

Intended Use

Allows miscellaneous devices (exits, emergency units, etc.) to become part of the OnePass system to be field installed by contractor. Also a plug-in connection for industrial fixtures that can be prewired by fixture manufacturer or field installed by contractor.



Example: OD 277 12/2G 15

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

| Series | Voltage | Conductors ¹ | Length ⁴ | Options | Finish ³ |
|--------|-----------------|---|---------------------------------|---|---------------------|
| OD | 120 120V | 12/2G Two 12AWG conductors plus one 12AWG ground | 01 1 ft 20 20 ft | 2N Two circuit, two neutral ² | RD Red |
| | 208 208V | 12/3G Three 12AWG conductors plus one 12AWG ground | 05 5 ft 25 25 ft | | BK Black |
| | 277 277V | 12/4G Four 12AWG conductors plus one 12AWG ground | 10 10 ft 30 30 ft | | WH White |
| | 240 240V | | | | BE Beige |
| | 347 347V | | | | |
| | 480 480V | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

1. Conductors available in 12AWG only. 12AWG will plug into 10AWG product.
2. 2N available in 277V and 120V; 12/4G conductors only.
3. Colored cable available. Contact factory for other finishes.
4. Standard lengths listed. Consult factory for custom lengths.

OSS

OnePass® Splitter Splice

Intended Use

Splits a branch circuit into two directions. Male/female component that can be used anywhere in the OnePass system.



Example: OSS 277 12/4G

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

| Series | Voltage | Conductors ¹ |
|--------|-----------------|--|
| OSS | 120 120V | 12/4G Four 12AWG conductors plus one 12AWG ground |
| | 208 208V | |
| | 240 240V | |
| | 277 277V | |
| | 347 347V | |
| | 480 480V | |

ADDITIONAL INFORMATION

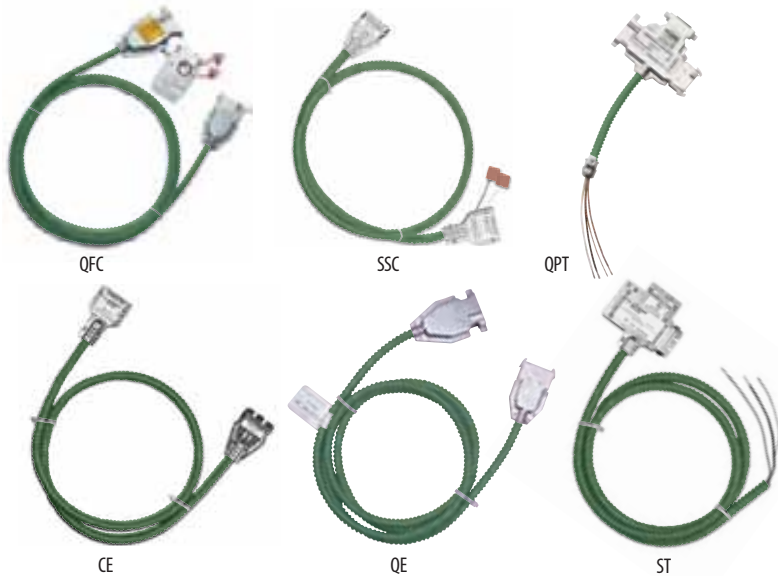
For additional product information, visit www.relocwiring.com.

Notes

1. Conductors available in 12/4G only. 12AWG will plug into 10AWG product.

HCF

for Healthcare Facilities



Intended Use

With HCF, you can extend the RELOC® savings you have enjoyed in schools, offices, warehouses, manufacturing and retail into your health-care installations.

For use in hospitals, nursing homes, limited care facilities, clinics, medical and dental offices and ambulatory care centers.

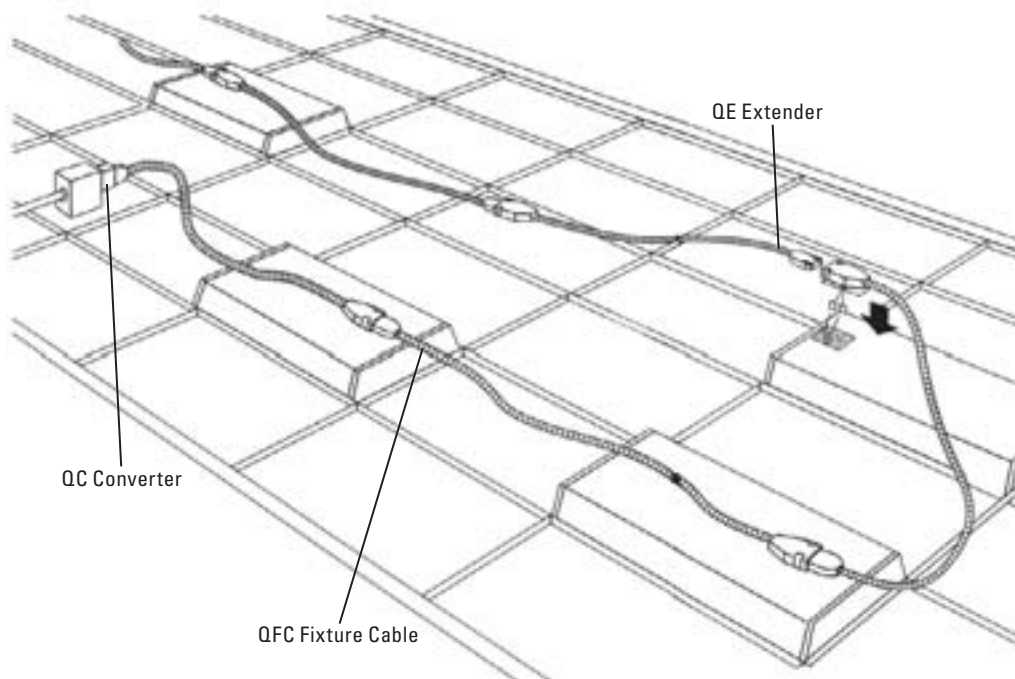
Features

Redundant ground paths for patient care areas in health-care facilities per NEC 517.13 (A) & (B). Green ground wiring for connection to the fixture is standard with HCF. Easy-to-identify lightweight green armor.

ORDERING INFORMATION Ordering is easy. Simply add HCF to the end of existing RELOC model numbers.

| SYSTEM/APPLICATION | STANDARD PRODUCTS | FOR HEALTHCARE |
|---|-------------------|---------------------|
| Quick-Flex® - 4 conductors with fixture ground wire | QFC277 12/3G13G | QFC277 12/3G13G HCF |
| 820 System - 5 conductors with fixture ground wire | SSC 120 F 11G | SSC 120 F 11G HCF |
| SIMPLY5™ | S5SSC 277 15 | S5SSC 277 15G HCF |

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.



PRODUCT INFORMATION

Intended Use

The Quick-Flex system costs less than other wiring methods for commercial lighting in healthcare facilities, offices, schools and other accessible ceiling applications. Quick-Flex systems are simple and utilize components that snap together in a fraction of the time required for MC cable or other traditional wiring methods.

System Features

Pin-and-socket contacts. Rated for use on 20-amp branch circuits.

All conductors are No. 12 AWG copper with 90°C ther-

moplastic insulation rated at 600 volts.

Component provides a fully rated No. 12 AWG grounding conductor.

Fixture leads are No. 18 AWG solid copper rated at 105° C with pushnut connectors for easy connection to ballast leads; wirenuts not required.

Lithonia access plate is included with the QFC and QSFC cables. The access plate can be snapped into place or discarded if not required. UL Listed auto grounding feature eliminates the need for ground wire connection on each fixture.

Safety keying prevents accidental mating of components of different voltages and reverse polarity. Color-coded labels for quick voltage identification. Suitable for make or break under load.

Autolatching springs for easy male/female connections.

Quick-Flex is manufactured from listed MC cable.

Factory-Installed Combo Options

The Quick-Flex fixture cable (QFC) can be prewired to the fixture in the factory. Both the fixture and Quick-Flex cable are shipped together. This reduces the amount of time spent sorting materials

at the job site. It also cuts on-site disposal costs. This option is ideal for jobs with 100 or more fixtures of the same type, using the same Quick-Flex fixture cable. Dust covers are not included with the fluorescent combo option. If the extra dust covers are needed, they must be ordered separately: QUICK FLEX DUST COVER J50.

Listings

UL Listed to US and Canadian safety standards.

Caution: This product is not intended for installation in outdoor, damp or humid locations. Please consult with factory for use in any classified areas.

QUICK-FLEX®



Quick-Flex

PRODUCT INFORMATION

Intended Use

Female converter provides the interface between hardwiring and Quick-Flex at the homerun location. Conventional wiring methods bring power from the panel to the homerun location or above a switch location where the QC is installed.

QC

Quick-Flex® Converter



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: QC277 12/3G

| Series/Voltage | | Conductors/Length ² | | Options |
|----------------|-----------------|---|-----------------------------------|---|
| Series | Voltage | Conductors | Length² | HCF Meets healthcare facility requirements ¹ |
| QC | 120 120V | 12/2G Two 12AWG conductors plus one 12AWG ground | (blank) 6" wire leads | |
| | 277 277V | 12/3G Three 12AWG conductors plus one 12AWG ground | 05 5 ft | |
| | 347 347V | | 09 9 ft 15 15 ft | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 HCF option not required if length selection is blank.
- 2 Standard lengths listed. Consult factory for custom lengths.

PRODUCT INFORMATION

QFC

Quick-Flex® Fixture Cable



Intended Use
Male/female cable that provides power from fixture to fixture in the Quick-Flex system. Access plate is included (standard) with the QFC to provide quick and easy fixture installation.

System Features
A Lithonia access plate is included and is snapped into place or easily discarded if not required. No fixture ground lead to connect. UL listed auto-grounding feature eliminates the need

for ground wire connection on each fixture. An optional ground lead is available. It is used only when required by local codes. The ground lead option must be specified for Canada and when used in healthcare facilities.



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: QFC277 12/3G11 G HCF

| Series/Voltage | | Conductors/Length ⁴ | | Options |
|----------------|----------------|--|---------------------------|--|
| Series | Voltage | Conductors | Length⁴ | G 18AWG ground lead dropped to fixture ² |
| QFC | 120 120V | 12/2G Two 12 AWG conductors plus one 12AWG ground | 05 5 ft | HCF Meets healthcare facility requirements ³ |
| | 277 277V | 12/3G Three 12 AWG conductors plus one 12AWG ground | 07 7 ft | |
| | 347 347V | | 09 9 ft | |
| | | | 11 11 ft | |
| | | | 13 13 ft | |
| | | | 15 15 ft | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

COMBO FACTORY WIRING INSTRUCTIONS⁵

| WIRING INSTRUCTION INDICATOR | WIRING DESCRIPTION |
|------------------------------|---|
| A | All normal ballast(s) wired to hot 1. |
| B | All normal ballast(s) wired to hot 2 (12/3G cable only). |
| AB | All normal ballast(s) wired to hot 1 and hot 2 (12/3G cable only). |
| AE | All normal ballast(s) connect to hot 1; EL inverter connects to hot 2 (12/3G cable only). |

Notes

- 1 UL Listed for auto ground. Use G option only when required by local codes.
- 2 G option required for Canada.
- 3 G option required when ordering HFC.
- 4 Standard lengths listed. Consult factory for custom lengths.
- 5 See page 91 for more wiring options.

PRODUCT INFORMATION

QSFC

Quick-Flex® Starter Fixture Cable



Intended Use
Combination of converter (QC) and fixture cable (QFC). Wires directly into homerun junction box, switch box or junction box above switch location; provides power to the first fixture from that location.

System Features
A Lithonia access plate is included and is snapped into place or easily discarded if not required. No fixture ground lead to connect. UL listed auto-grounding feature eliminates the need for ground wire connection

on each fixture. An optional ground lead is available. It is used only when required by local codes. The ground lead option must be specified for Canada and when used in healthcare facilities.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: QSFC277 12/3G15 G HCF

| Series/Voltage | | Conductors/Length ⁴ | | Options |
|----------------|----------------|---|---------------------------|---|
| Series | Voltage | Conductors | Length⁴ | G 18 AWG ground lead dropped to fixture ^{1,2} |
| QSFC | 120 120V | 12/2G Two 12AWG conductors plus one 12AWG ground | 09 9 ft | HCF Meets healthcare facility requirements ³ |
| | 277 277V | 12/3G Three 12AWG conductors plus one 12AWG ground | 11 11 ft | |
| | 347 347V | | 13 13 ft | |
| | | | 15 15 ft | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 UL Listed for auto ground. Use G option only when required by local codes.
- 2 G option required for Canada.
- 3 G option required when ordering HFC.
- 4 Standard lengths listed. Consult factory for custom lengths.

Intended Use

Located above the primary switch location to introduce local switching to the Quick-Flex system. Provides local switched power for fixtures and the ability to carry on-switched power to the next location through the use of a Quick-Flex Extender (QE).

System Features

1LEVEL/N includes a neutral wire that is required for single-level dimming devices.

QSD
Quick-Flex® Switch Drop



Example: QSD277 2LEVEL09

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

| Series/Voltage | | Conductors/Length ² | | Options |
|----------------|-----------------|--|--|---|
| Series | Voltage | Conductors | Length ² | |
| QSD | 120 120V | 1LEVEL Two 12 AWG conductors plus 12AWG ground | 01 1 ft | HCF Meets healthcare facility requirements ¹ |
| | 277 277V | 2LEVEL Four 12 AWG conductors plus 12AWG ground | 09 9 ft | |
| | 347 347V | 1LEVEL/N Two 12 AWG conductors plus 12AWG ground and 12 AWG neutral | 07 7 ft 13 13 ft 15 15 ft | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 HCF is available with 2LEVEL and 1LEVEL/N conductors only.
- 2 Standard lengths listed. Consult factory for custom lengths.

Intended Use

Male/female cable that provides additional length anywhere within the Quick-Flex system.

QE
Quick-Flex® Extender



Example: QE277 12/3G15

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

| Series/Voltage | | Conductors/Length ¹ | | Options |
|----------------|-----------------|---|--|--|
| Series | Voltage | Conductors | Length ¹ | |
| QE | 120 120V | 12/2G Two 12 AWG conductors plus one 12AWG ground | 05 5 ft | HCF Meets healthcare facility requirements |
| | 277 277V | 12/3G Three 12 AWG conductors plus one 12 AWG ground | 09 9 ft 11 11 ft 15 15 ft 21 21 ft 25 25 ft | |
| | 347 347V | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Standard lengths listed. Consult factory for custom lengths.



PRODUCT INFORMATION

QPT

Quick-Flex® Power Tee



Intended Use
Carries power with the use of the Quick-Flex extender (QE). Ideal for powering downlighting, under-floor systems, track light feeds, exit signs, unit equipment

and power receptacles. Can be used in place of two existing products, the Quick-Flex splitter (QS) and drop (QD).

For shortest lead times, configure products using **bolded options**.

Example: QPT277 12/3G01

| ORDERING INFORMATION | | Series/Voltage | | Conductors/Length ¹ | Options |
|----------------------|----------------|---|---------------------------|--|---------|
| Series | Voltage | Conductors | Length¹ | HCF Meets healthcare facility requirements | |
| QPT ² | 120 120V | 12/2G Two 12AWG conductors plus one 12AWG ground ¹ | 01 1 ft | | |
| | 277 277V | 12/3G Three 12AWG conductors plus one 12AWG ground | 03 3 ft | | |
| | 347 347V | | 05 5 ft | | |
| | | | 09 9 ft | | |
| | | | 15 15 ft | | |
| | | | 19 19 ft | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Standard lengths listed. Consult factory for custom lengths.
- 2 Top portion not used on standard product.

PRODUCT INFORMATION

QD

Quick-Flex® Drop Cable



Intended Use
Male drop cable allows miscellaneous devices (i.e. exits or power availability) to become part of the Quick-Flex system.

For shortest lead times, configure products using **bolded options**.

Example: QD277 12/3G09

| ORDERING INFORMATION | | Series/Voltage | | Conductors/Length ¹ | Options |
|----------------------|----------------|--|---------------------------|--|---------|
| Series | Voltage | Conductors | Length¹ | HCF Meets healthcare facility requirements | |
| QD | 120 120V | 12/2G Two 12AWG conductors plus one 12AWG ground | 01 1 ft | | |
| | 277 277V | 12/3G Three 12AWG conductors plus one 12AWG ground | 03 3 ft | | |
| | 347 347V | | 05 5 ft | | |
| | | | 09 9 ft | | |
| | | | 15 15 ft | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Standard lengths listed. Consult factory for custom lengths.

PRODUCT INFORMATION

QS

Quick-Flex® Splitter



Intended Use
A male/female component that can be used anywhere throughout the Quick-Flex system to separate the branch circuit into two directions.

For shortest lead times, configure products using **bolded options**.

Example: QS277 12/3G

| ORDERING INFORMATION | | Series/Voltage | | Conductors |
|----------------------|----------------|-------------------|--|------------|
| Series | Voltage | Conductors | 12/3G Three 12AWG conductors plus one 12AWG ground | |
| QS | 120 120V | | | |
| | 277 277V | | | |
| | 347 347V | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.



820



PRODUCT INFORMATION

Intended Use

Five-wire system accommodates applications requiring three circuits with a common neutral; or two circuit and two neutrals; or two circuits, one neutral and an isolated ground.

System Features

Rated for use on 20-amp branch circuits. Pin-and-socket contacts.

All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated at 600 volts.

Safety keying prevents accidental mating of components for different voltages and reverse polarity.

Color-coded labels for quick voltage identification.

All conductors are clearly identified on the product to simplify the installation.

All components provide a fully rated No. 12 AWG grounding conductor.

Isolated ground conductor option available.

Installs through standard 1" trade-size knockout.

6" of exposed leads, pre-stripped for easy wiring.

Duplexes supported for new construction and modular cabinets. Single and double duplexes are available.

Standard and clean power (isolated ground) are available with certain components.

All unused ports are required to be covered. The RDC3 is the dust cover for the specialty lighting and power system.

If extra dust covers are needed, they are to be ordered separately: RDC3 METAL DUST COVER J50.

Listings

UL Listed. CSA Certified.

Caution: This product is not intended for installation in outdoor, damp or humid locations. Please consult with factory for use in any classified areas.

PRODUCT INFORMATION

CD

Circuit Distributor

Intended Use

Provides interface between hardwiring and the RELOC 820 system. Conventional wiring methods bring power from panel to home run location, where CD is installed.



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: CD 120 F 2N

| Series | Voltage | Conductors | Length ⁵ | Options |
|--------|-----------------|----------------|------------------------------|--|
| CD | 120 120V | D Three | (blank) 6" wire leads | 2N Two circuit, two neutral ¹ |
| | 208 208V | E Four | 05 5 ft | CSA Meets Canadian standards ² |
| | 240 240V | F Five | 09 9 ft | IGW Isolated ground wire ³ |
| | 277 277V | | 15 15 ft | HCF Meets healthcare facility requirements ⁴ |
| | 480 480V | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 2N available with 120V, 277V and F conductor only.
- 2 CSA option required for Canada.
- 3 IGW available with 120V and D and F conductors only.
- 4 HCF option required if selection is blank.
- 5 Standard lengths listed. Consult factory for custom.

SSC

Standard Selector Cable



Intended Use

Male/female cable that provides power from fixture to fixture. The SSC attaches directly into the access plate or through 1/2 -inch trade-size knockout.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: SSC 120 F U 11 G

| Series | Voltage | Conductors | Factory keying | Length ⁴ | | Options |
|--------|-----------------|----------------|----------------|---------------------|---|--|
| SSC | 120 120V | D Three | U | 05 5 ft | 2N Two circuit, two neutral ¹ | HCF Meets healthcare facility requirements G Ground wire ^{2,3} CSA Meets Canadian standards |
| | 277 277V | E Four | | 07 7 ft | | |
| | 347 347V | F Five | | 09 9 ft | | |
| | | | | 11 11 ft | | |
| | | | | 13 13 ft | | |
| | | | | 15 15 ft | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Available with F conductor only.
- 2 G option must be included with HCF option.
- 3 G option required for use in Canada.
- 4 Standard lengths listed. Consult factory for custom lengths.

CE

Cable Extender



Intended Use

Male/female cable that provides additional length anywhere throughout the 820 system.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: CE 277 F U 11

| Series | Voltage | Conductors | Factory keying | Length ⁴ | | Options |
|--------|-----------------|----------------|----------------|---------------------|-----------------|--|
| CE | 120 120V | D Three | U | 05 5 ft | 19 19 ft | 2N Two circuit, two neutral ¹ HCF Meets healthcare facility requirements ¹ CSA Meets Canadian standards ² IGW Isolated ground wire ³ |
| | 208 208V | E Four | | 07 7 ft | 21 21 ft | |
| | 240 240V | F Five | | 09 9 ft | 25 25 ft | |
| | 277 277V | | | 11 11 ft | 31 31 ft | |
| | 347 347V | | | 13 13 ft | 35 35 ft | |
| | 480 480V | | | 15 15 ft | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Available with F conductor only.
- 2 CSA option required for Canada.
- 3 IGW available with 120V, E and F conductors only.
- 4 Standard lengths listed. Consult factory for custom lengths.

Intended Use

Used to split branch circuit into two directions in commercial or power applications.

SS

Splitter Splice



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: SS 277 F U

| Series | Voltage | Conductors | Factory keying | Options |
|--------|-----------------|------------|----------------|--|
| SS | 120 120V | F Five | U | CSA Meets Canadian standards ¹ IGW Isolated ground wire ² |
| | 208 208V | | | |
| | 240 240V | | | |
| | 277 277V | | | |
| | 347 347V | | | |
| | 480 480V | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 CSA option required for Canada.
- 2 IGW available with 120V only.

Intended Use

Introduces local switching to the 820 system. Located above primary switch location; provides local switched power and unswitched power to be used as needed.

ST

Switching Tee



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: ST 277 D1 P U 08

| Series | Voltage | Conductors/Switching function | Drop type | Factory keying | Length ⁴ | Options |
|--------|-----------------|---|-------------|----------------|---|---|
| ST | 120 120V | Conductors | P Protected | U | 01 1 ft 06 6 ft 08 8 ft 09 9 ft 15 15 ft | N One neutral wire provided in drop ¹ CSA Meets Canadian standards ² HCF Meets healthcare facility requirements ³ |
| | 277 277V | Switching function | | | | |
| | 347 347V | D Three 1 One-level E Four 2 Two-level | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Neutral available with D conductor only.
- 2 CSA option required for Canada.
- 3 HCF available with E2 conductor only.
- 4 Standard lengths listed. Consult factory for custom lengths.

PT

Power Tee



Intended Use
A through-wired component that makes it possible to select which branch circuit conductor feeds a specific device. Also provides power to devices used on convenience power, access floor systems and commercial lighting.

ORDERING INFORMATION For shortest lead times, configure products using **bolded options**.

Example: PT 120 F1 A 09 IGW

| Series | Voltage | Conductors/Tap position | Drop type | Length ⁵ | Options |
|--------|----------|---|------------------|---------------------|--|
| PT | 120 120V | F Five 1 One hot; pin position 1 2 One hot; pin position 2 3 One hot; pin position 3 12 Two hots; pin position 1 and 2 13 Two hots; pin position 1 and 3 23 Two hots; pin position 2 and 3 123 Three hots; pin position 1, 2 and 3 | A Armored | 01 1 ft | 2N Two circuit, two neutral ^{1,2} |
| | 277 277V | | | 03 3 ft | HCF Meets healthcare facility requirements ¹ |
| | 347 347V | | | 05 5 ft | CSA Meets Canadian standards ³ |
| | | | | 07 7 ft | IGW Isolated ground wire ⁴ |
| | | | | 09 9 ft | |
| | | | | 11 11 ft | |
| | | | | 13 13 ft | |
| | | | | 15 15 ft | |

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

Notes

- 1 Available with F conductor only.
- 2 2N option available with tap positions 2 and 112.
- 3 CSA option required for Canada.
- 4 IGW available with 120V only.
- 5 Standard lengths listed. Consult factory for custom lengths.

DC

Drop Cable



Intended Use
Provides integration of other electrical devices into the 820 system, such as power outlets. Conventional pipe and wiring not required to convey wiring.

ORDERING INFORMATION For shortest lead times, configure products using **bolded options**.

Example: DC 120 F U 05 2N

| Series | Voltage | Conductors | Factory keying | Length ⁴ | Options |
|--------|----------|---------------|----------------|---------------------|--|
| DC | 120 120V | D Three | U | 05 5 ft | 2N Two circuit, two neutral ¹ |
| | 208 208V | E Four | | 07 7 ft | HCF Meets healthcare facility requirements ¹ |
| | 240 240V | F Five | | 09 9 ft | CSA Meets Canadian standards ² |
| | 277 277V | | | 11 11 ft | IGW Isolated ground wire ³ |
| | 347 347V | | | 13 13 ft | |
| | 480 480V | | | 15 15 ft | |

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

Notes

- 1 Available with F conductor only.
- 2 CSA option required for Canada.
- 3 IGW available with 120V, E and F conductor only.
- 4 Standard lengths listed. Consult factory for custom lengths.

Intended Use

Provides wiring of any device through a 1/2" trade size knockout. The CSU uses No.12 AWG leads that allow for full circuit access.

CSU

Circuit Selector Unit



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: CSU 120 F U 2N

| Series | Voltage | Conductors | Factory keying | Options |
|--------|-----------------|------------|----------------|--|
| CSU | 120 120V | F Five | U | 2N Two circuit, two neutral |
| | 277 277V | | | CSA Meets Canadian standards ¹ |
| | 347 347V | | | IGW Isolated ground wire ² |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

1. CSA option required for Canada.
2. IGW available with 120V only.

Intended Use

Ideal for retrofit projects that use the RCA (RELOC cord assembly). Existing and new 820 system components are used with the RRCA.

RRCA

Replacement RELOC® Cord Assembly



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult your sales representative.

Example: RRCA 277 F123 05 WH

| Series | Voltage | Tap position ¹ | Length ² | Finish |
|--------|----------|----------------------------------|---------------------|---------------|
| RRCA | 120 120V | F123 1, 2 and 3 ² | 05 5 ft | WH White cord |
| | 208 208V | F1234 1, 2, 3 and 4 ³ | 10 10 ft | |
| | 240 240V | | 15 15 ft | |
| | 277 277V | | | |
| | 480 480V | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

1. 16/4G cord standard.
2. Available with 120V and 277V only.
3. Available with 208V, 240V or 480V only.
4. Consult factory for two-circuit, two-neutral options for 120V and 277V.
5. Standard lengths listed. Consult factory for custom lengths.

PRODUCT INFORMATION

POWER POLES

RELOC's extensive power pole line offers an economical means to bring power and data cables down from the ceiling to utilization equipment. Cables are routed in the ceiling and dropped down to work stations, cash registers, racks and gondolas. Power poles are ideal for applications in office buildings, data centers and retail stores.

In today's fast-paced construction market, staying on schedule is tougher than ever. Projects demand wiring solutions that minimize installation time and easily adapt to store design changes that occur during initial store construction and in the future.



Pre-wired Power Pole with lighted sign.

Complex combinations of receptacles, switches, telecom ports, support brackets for cameras and signage are included in the power pole to make installation simple and clean.



Simpler configurations of the **Pre-wired Power Pole** house all devices in the power pole for a clean and simple solution.



A **Pass-Through Pole** mounted on the countertop feeds power directly to pre-wired multi-outlet assemblies.

PP Power Pole



Intended Use
Brings power and data cables down from the ceiling to utilization equipment. Typically, cables are routed in the ceiling and dropped down to work stations, cash registers, partitions, racks and gondolas. Power poles are ideal for applications in office buildings, data centers and retail stores.

Electrical
A wide selection of 120V, 208V and 240V devices available.

Pre-wired with RELOC® power cables for quick and easy installation.

Spec-grade 20 amp duplexes are standard; other devices available.

Data compartment has 3" arched opening at the bottom.

System Features
Pass-through and wired versions available. Available with switch to control signage in a retail environment. Switch can be wired for on/off/flash or on/off functions.

Installation
Suitable for installation on floor, within check-out stands, counter tops, gondolas and racks. Arm option allows height adjustability from 84

inches to 120 inches (in addition to the length of the pole).
Foot bracket, T-Bar mounting and ceiling trim all available.

Listings
UL Listed.

CSA Certified.

Example: PP2 LI26 A SAT

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult your sales representative.

| Series/ Number of channels ^{1,8} | Length ² | Arms ³ | Input cabling | Device configuration ^{5,6} | Device color | Finish | Options | |
|--|---|--|--|--|--|--|---|-------------------------------|
| Series⁸ PP Power pole | Number of channels¹ 1_ One 2_ Two 3_ Three | L126 10.5 ft L150 12.5 ft L186 15.5 ft | (blank) No arm ADJ84 7 ft adjustable arm ADJ120 10 ft adjustable arm | (blank) RELOC HW Hardwired ⁴ | A 1 duplex, 1 connection B 2 duplex, 1 connection C 3 duplex, 1 connection D 4 duplex, 1 connection E 2 IGW duplex, 1 connection F 1 duplex & 1 IGW duplex, 2 connections ⁷ G 2 duplex & 2 IGW duplex, 2 connections ⁷ | (blank) White BN Brown IV Ivory GY Gray BK Black | (blank) Ivory SAT Satin anodized SIL Silver BLK Black C3W Appliance white | See page 510 for accessories. |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Table A

| RELOC CONNECTION DEVICE AND INPUT CABLING CONFIGURATION CHART | | | | |
|---|---------------------------|-------------------------------|-------------------------------|---------|
| DEVICE CONFIGURATION SELECTION | INPUT CABLING TYPE | NUMBER OF DEVICES RECEPTACLES | CIRCUITS AVAILABLE PER DEVICE | |
| Select device and input cabling for 1 connection | | | | |
| A | DC or HW | 1 duplex | 1 | |
| B | DC or HW | 2 duplex | 1 | |
| C | DC or HW | 3 duplex | 1 | |
| D | DC or HW | 4 duplex | 1 | |
| E | DC (IGW) or HW | 2 duplex (IGW) | 1 (IGW) | |
| Select device and input cabling for 2 connections | | | | |
| F | DC DC (IGW) or HW | 1 duplex 1 duplex (IGW) | 1 | 1 (IGW) |
| G | DC (IGW) DC (IGW) or HW | 2 duplex 2 duplex (IGW) | 1 | 1 (IGW) |

Notes

- 20A duplex receptacles are standard.
- 120V is the standard voltage.
- 1 ft system 820 drop cable (DC) standard.
- (IGW) isolated ground wire.
- If HW, DC will not be supplied.
- Consult factory for other current or voltage and other system integration requirements.

Table B

POWER POLE CHANNEL CONFIGURATION

| Number of Channels | Channel Configuration | | | |
|--------------------|-----------------------|---|---|---|
| | Blank | A | B | C |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |

Notes

- Select desired channel configuration and add to your PP description (A, B or C).
- If standard configurations are ordered, letter indicator is not needed.

Notes

- 1 Refer to Table B for Channel Configuration indicator. Place indicator in the space provided under the Number of Channels. Leave blank if a standard channel configuration is required.
- 2 Length selection is ordered in inches.
- 3 If adjustable arm is ordered, 18 additional inches remain inside the channel for strength and rigidity of the pole.
- 4 Eight-inch wire leads provided with HW option.
- 5 Number of leads provided with HW option determined by device configuration.
- 6 Device configuration required for both RELOC and HW option. Refer to Table A.
- 7 Device configuration for F and G, select device color for non-isolated ground duplex. Orange is the standard device color for all (IGW) options.
- 8 Contact factory for poles that require signs and switches.

PRODUCT INFORMATION

ACCESSORIES

for Power Pole

Not included with power poles, but can be ordered separately. Select the desired KIT or ordered accessories by component.



ORDERING INFORMATION

Ordering is easy. Simply add HCF to the end of existing RELOC model numbers.

| ACCESSORY KIT ORDERING INFORMATION | | ACCESSORY COMPONENT ORDERING INFORMATION |
|------------------------------------|----------------------|--|
| PP2/3 KIT 1 WH | PP2/3 KIT 2 WH | |
| One mounting bracket | One T-bar bracket | T-Bar bracket: PP 1/2/3 TB |
| One ceiling trim | One mounting bracket | Mounting bracket: PP 1/2/3 MB |
| One foot bracket | One ceiling trim | Ceiling trim: PP 2/3 CT WH |
| | One foot bracket | Foot bracket: PP 2/3 FB WH |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

(A) T-Bar bracket:

Bracket fits a 2-foot spacing in grid ceiling if the pole is installed in the middle of a ceiling.

(B) Mounting bracket:

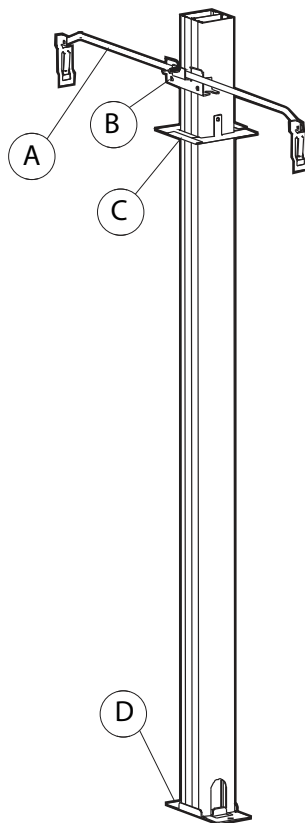
Stamped 16-gauge steel, galvanized. Required for mounting power poles in a grid ceiling.

(C) Ceiling trim:

Stamped 24-gauge steel, painted white, fits all RELOC PP2 and PP3 power poles. The trim provides a clean appearance after the pole is installed in a grid ceiling.

(D) Foot bracket:

Stamped 14-gauge steel, painted white, fits all RELOC PP2 and PP3 power poles and secures the pole to a flat surface.



Intended Use

The power pole base (PPB) is normally used with a power pole (PP). The PPB offers an economical means to bring power and data cables down from the ceiling to simplify the power pole in high density power applications.

Construction

Two or four steel channels forming a four-sided enclosure for power and data distribution.

16-gauge sheet metal, normally galvanized, available painted in black or white.

Electrical

A wide selection of 120V, 208V, and 240V devices available.

Pre-wired with RELOC power cables for quick and easy installation.

A wide selection of 15A, 20A, 30A and 50A devices are available.

30A and 50A devices are not available with RELOC connectors.

Installation

Suitable for installation on floor, within check-out stands, counter tops, gondolas and racks.

Devices may be installed on any or all four sides.

Listings

ETL-Listed for US and Canada. Warranty: One year from the date of purchase.

PPB
Power Pole Base



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult your sales representative.

Example: PPB2 B L36 A1B2C2D1 ABB5CB5D

| Series/Type | Housing ¹ | Height | Voltage | Pattern ^{2,3} | Device configuration ^{4,8} | Input cabling ^{6,8} | Finish |
|---------------------|--------------------------------------|-------------|----------|------------------------|-------------------------------------|------------------------------|--------------------|
| Series | Type | A 3" square | L12 1 ft | (blank) 120V | A _ | A _ | (blank) Galvanized |
| PPB Power pole base | 2 U channel 4 Independent channel | B 4" square | L24 2 ft | 208 208V | B _ | B _ | WH White |
| | | C 6" square | L36 3 ft | 240 240V | C _ | C _ | BK Black |
| | | D 8" square | L48 4 ft | X Mixed voltages | D _ | D _ | |
| | | E 4" X 8" | L60 5 ft | | | | |
| | | F 3" X 6" | L72 6 ft | | | | |
| | | | | L84 7 ft | | | |
| | | L96 8 ft | | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Table A

| PATTERN | | | | | |
|---------|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | □ | | □ | | □ |
| | ○ | ○ | | | ○ |
| | ○ | ○ | | | ○ |
| | ○ | ○ | ○ | ○ | ○ |
| | ○ | ○ | ○ | ○ | ○ |

Table B

| DEVICE CONFIGURATION | | | |
|----------------------|--|-----------|--------------------------------|
| INDICATOR | DEVICE | INDICATOR | DEVICE COLOR |
| A | 15 amp straight blade | 1 | White |
| B | 20 amp straight blade | 2 | Brown |
| C | 15 amp IGW straight blade ⁶ | 3 | Ivory |
| D | 20 amp IGW straight blade ⁶ | 4 | Gray |
| E | 30 amp straight blade ⁷ | 5 | Black |
| F | 50 amp straight blade ⁷ | 6 | Orange (IGW only) ¹ |
| G | 15 amp twist lock | | |
| H | 20 amp twist lock | | |
| J | 30a twist lock ⁷ | | |
| K | 50A twist lock ⁷ | | |
| L | 15 amp IGW twist lock | | |
| M | 20 amp IGW twist lock | | |
| X | Mixed | | |

Notes

1. Consult factory for other housing heights.
2. Data configures are provided with a cutout and cover plate only.
3. Select the type and place in the space provided. See Table A.
4. Select the type and color and place in the space provided. See Table B.
5. If the input cabling is RELOC, a 1 ft drop cable (DC) is standard.
6. If device configuration is IGW, two input cables are supplied.
7. If HW, wagos (push-in connectors) and 8" leads are supplied.
8. Input cabling not available with 30A and 50A device configurations.

RETAIL ENVIRONMENTS



Retail projects demand wiring solutions that minimize installation time and easily adapt to store design changes that occur during initial store construction and in the future. With a recently expanded product line, RELOC now offers a comprehensive, plug-n-play wiring solution from the breaker panel out to the lighting fixture and power receptacle.

- Intended Use**
Ideal applications for RELOC power products include:
- Rack
 - Lighting
 - Front-End
 - Gondola/Kiosk
 - Bakery/Refrigeration
 - Copy Center/Photo Lab
 - TV/Electronic
 - Back to the Panel

- System Features**
Power channel used on pegboards, uplights and gondolas.
Normal and isolated ground power.
MOA max 8-gang boxes.
RS max 12 receptacles.

Product information

PPC Power Pole Channel



- Intended Use**
Designed to deliver power and data to equipment in gondolas and electronic racks.
- Electrical**
Configurable for normal and isolated ground devices.
Audio and video signal cables.
20A duplex receptacles are standard.

- System Features**
Pre-wired with RELOC power cables for quick and easy installation.
Two separate compartments for power and data.
Available with audio/video amplifiers for television display areas.

- Listings**
UL and CUL Listed.
Warranty: One year from the date of purchase.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult your sales representative.

Example: PPC1P PT103 S WH

| Series/Number of channels | | Voltage | Length | Input connection/Input connection length | |
|---|-----------------------------------|------------------|---------------|---|--------------------------------|
| Series | Number of channels | (blank) 120V | (blank) 48" | Input connection² | Input connection length |
| PPC Power pole channel | 1P Power | 240 240V | 36 36" | PT_ Power tee ¹ | (blank) No length |
| | 1D Data | 250 250V | | CSU_ Circuit selector unit ^{1,3} | 01 1 ft |
| | 1A Audio visual | | | DC_ Drop cable | 03 3 ft |
| | 2PD Power and data | | | | 05 5 ft |
| | 2PA Power and audio visual | | | | 09 9 ft |
| | 3PDA Power, data and audio visual | | | | 15 15 ft |
| Output connection/Output connection length | | Mounting | Finish | Options | |
| Output connection | Output connection length | D Gondola double | WH White | IGW One isolated ground wire cable | |
| (blank) Wire leads 8" | (blank) No length | S Gondola single | GY Gray | DIGW One isolated ground wire cable and one normal cable ⁵ | |
| CD System 820 circuit distributor ⁴ | 01 1 ft | U Upright | BK Black | | |
| | 03 3 ft | | | | |
| | 05 5 ft | | | | |
| | 09 9 ft | | | | |
| | 15 15 ft | | | | |

ADDITIONAL INFORMATION For additional product information, visit www.relocwiring.com.

Notes

- 1 No output cable required.
- 2 Specify the desired circuit (1,2,3) in any combination and place in the space provided. (1 = circuit #1, 2 = circuit #2, 3 = circuit #3, 12 = circuits #1 and #2, etc.)
- 3 CSU has no length.
- 4 Does not always require output connection length.
- 5 If DIGW option is selected, both of the input and output requirements will be the same.

Intended Use
Ideal for horizontal or vertical applications in gondolas, racks and customer-care areas in retail, commercial and industrial facilities.

Metal housing.

Electrical
120V multi-outlet AC power distribution for 15A and 20A circuits.

System Features
RS max 12 receptacles.
Pre-wired with RELOC devices.
Available with a cord and plug or stripped wires for hardwiring.

Mounts through housing supports; installation on a variety of flat surfaces.

Listings
UL-approved.

Warranty: One year from the date of purchase.

Construction
Enclosure dimensions are 1.2 x 1.75 x length.

15A receptacle standard.
Frequency compatibility 50/60Hz.

Installation
Integrate mounting tabs.

RS

Receptacle Strip



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 12RS L48 PT105 CD BK

| Number of single receptacles/Series | | Length | Voltage ² | Input connection/Input connection length | | Output connection | Finish | Option |
|-------------------------------------|---------------------------|-----------------|----------------------|--|--------------------------------|---|--|---------------------------------|
| Number of single receptacles | Series¹ | | | Input connection^{3,4,5} | Input connection length | CD System 820 circuit distributor ⁸ | BK Black WH White GY Gray | IGW Isolated ground wire |
| 2 | RS Receptacle strip | L12 1 ft | (blank) 120V | DC_ Drop cable ⁶ | (blank) No length | | | |
| 3 | | L24 2 ft | 240 240V | PT_ Power tee ⁶ | 01 1 ft | | | |
| 4 | | L36 3 ft | 250 250V | CSU_ Circuit selector unit ⁷ | 03 3 ft | | | |
| 5 | | L48 4 ft | | CP12_ 12AWG cord and plug | 05 5 ft | | | |
| 6 | | L60 5 ft | | CP14_ 14AWG cord and plug | 09 9 ft | | | |
| 7 | | L72 6 ft | | | 15 15 ft | | | |
| 8 | | L84 7 ft | | | | | | |
| 9 | | L96 8 ft | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 15 amp black receptacles are standard.
- Contact factory for other voltage options.
- Specify the desired circuit (1,2,3) in and combination and place in the space provided. (1 = circuit #1, 2 = circuit #2, 3 = circuit #3, 12 = circuits #1 and #2, etc.)
- All Input connections supplied with 5 conductors standard.

- Input connection not required if cord and plug output connection is selected.
- Armoured cable standard for input connections that require length (PT and DC).
- CSU has no length; leave blank when ordering.
- Output connection cord color standard is black.

PRODUCT INFORMATION

Intended Use
Prewired power receptacle outlet box that integrates with a RELOC system. Can be used to manage phase loading on power receptacle applications

Electrical
Rated for use with 20A branch circuits.

All conductors are 12AWG.

All components provide a fully-related 12AWG grounding conductor.

Supplied with 20A specification grade receptacles standard.

15A receptacles optional.

System Features
MOA max 8-gang boxes.
Male/female design allows removal of a device without additional components.
Color-coded labels for quick voltage identification.

Additional labeling properly denotes type and position of each conductor.

Installation
Box supplied with standard mounting straps.

Custom mounting brackets available.

Listings
UL and CUL Listed.

MOA

Multi-Outlet Assembly



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult your sales representative.

Example: 2MOA PT1209 20 E

| Number of duplexes | | Series | Voltage ¹ | Input connection/Input connection length | | Current rating | Device color | Options |
|---------------------------|---------------|----------------------------|----------------------|--|--|----------------|-----------------------|---------------------------------------|
| Number of duplexes | Series | | | Input connection^{2,3} | Input connection length⁴ | | | |
| 2 | 9 | MOA Multit-outlet assembly | (blank) 120V | PT_ Power tee ^{4,5} | (blank) No length | 15 15 amps | A White | IGW Isolated ground wire ⁸ |
| 3 | 10 | | | DC_ Drop cable ^{4,5} | 01 1 ft | 20 20 amps | B Brown | 2N Two circuit, two neutral |
| 4 | 11 | | | CSU_ Circuit selector unit ⁶ | 03 3 ft | | C Ivory | |
| 5 | 12 | | | | 05 5 ft | | D Gray | |
| 6 | | | | | 09 9 ft | | E Black | |
| 7 | | | | | 15 15 ft | | F Orange ⁷ | |
| 8 | | | | | | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- Contact factory for other voltages.
- Input connections supplied with 5 conductors standard.
- Select the desired input connection. Specify the desired circuit(1,2,3) in any combination to supply to MOA and place in the space provided. (1=circuit #1, 2=circuit #2, 3=circuit#3, 12=circuits #1 and #2, etc.)
- Armoured cable standard for input connections that require length (PT & DC).

- If no length is selected for the PT or DC input connection, the armoured cable length will be 6 inches.
- CSU has no length; leave blank when ordering.
- Orange device color is for IGW option only.
- IGW available in 1- or 2-circuit configurations only.

RAISED FLOORS

Intended Use

Raised floors are ideal for power and data distribution in high-rise buildings, data centers and computer labs. The wiring is right below the work stations and can be easily relocated, reconfigured or scaled based on changing needs of the occupants. The system consists of power panel, RELOC mainrun cables, primary and secondary distribution boxes, RELOC cables and floor modules.

System Features

Configurable five gangs for power, data and voice.

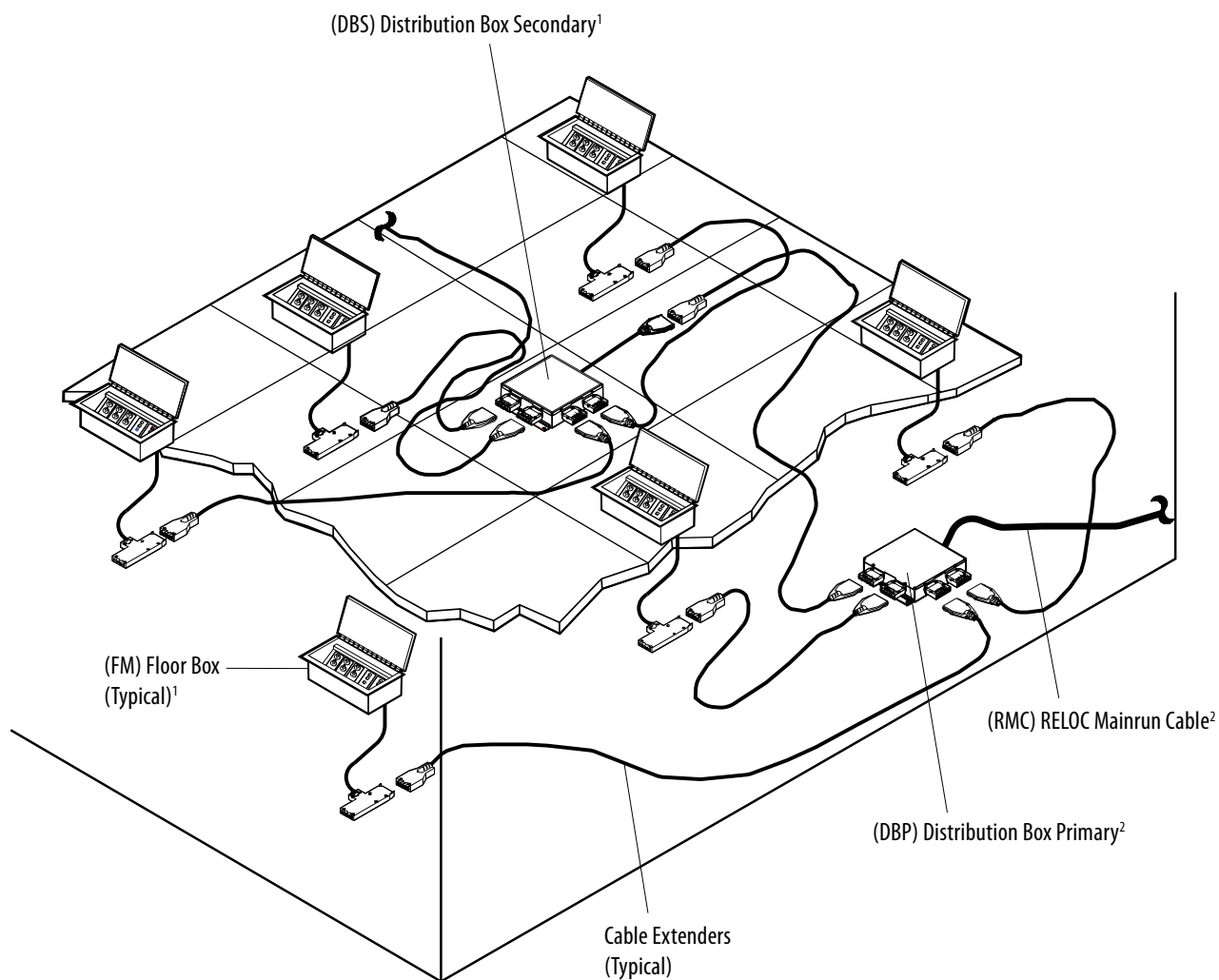
Includes power and data/voice separator.

Lids include recessed inserts for carpets.

DBS available up to six ports. DBS includes RELOC cable for three circuits to be distributed electrical.

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.



Notes

1. See page 515 for ordering information.
2. See page 493 for ordering information.

PRODUCT INFORMATION

Raised Floor

Intended Use

Used with the primary distribution box to further distribute circuits to utilization equipment. The secondary distribution box serves as a modular junction box to allow splitting circuits between multiple RELOC® ports. Available in two sizes, the secondary distribution box can be used in an open ceiling, above a hung ceiling, and below a raised floor, including low-profile raised floors. The DBS is provided

with an integrated RELOC drop cable attached at the input and all ports and conductors labeled to show their circuit assignments.

Electrical

Rated for 20A branch circuit use.

Compatible with RELOC 820, Quick-Flex®, OnePass® modular wiring systems.

Keying prevents accidental mating of circuits with different voltages.

Integrated RELOC drop cable allows up to three circuits to be distributed.

System Features

Available with up to six RELOC ports.

Up to three circuits per RELOC port.

Isolated ground and 2H/2N wiring available.

All internal wiring uses 12 AWG stranded copper THHN

(90°C). Size 9"x9" (up to six RELOC ports).

Low-profile secondary distribution box – 1.7" height.

Installation

Suitable for use in other environmental air areas used for NEC 300.22.

Listings

UL and CUL Listed.

DBS

Distribution Box Secondary



Example: DBS 120 DC 2CD

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult your sales representative.

| Series | Voltage ² | Input connection | Output connection ¹ | Options |
|--------------------------------|-----------------------|---|---|---------------------------------------|
| DBS Distribution box secondary | 120 120V | DC System 820 drop cable ² | _CD System 820 circuit distributor ² | (blank) No option |
| | 208 208V ⁴ | OD OnePass drop cable ² | _OC OnePass converter ² | 2N Two hots and neutrals |
| | 220 220V ⁴ | QD Quick-Flex drop cable ^{3,4} | _QC Quick-Flex converter ^{3,4} | IGW Isolated ground wire ⁵ |
| | 240 240V ⁴ | S5DC SIMPLY5 drop cable ⁵ | | PB Pull box |
| | 277 277V | | | LP Low-profile box |
| | 347 347V | | | |
| | 480 480V ⁴ | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 Minimum output ports available is 2. Maximum output ports available is 6. Specify number of ports per box in blank.
- 2 Three circuits available for 120V, 277V and 347V. For two circuits, specify 2N options. Three phase circuit or two circuits available for 208V, 220V, 240V and 480V.

3 Not available in 208V, 220V, 240V and 480V. Two circuits available for 120V, 277V and 347V.

4 Not available with IGW or 2N option.

5 IGW available with 120V and DC input connection and CD output connections.

PRODUCT INFORMATION

Raised Floor

Intended Use

Provides separate compartments for data, communication and power in an access floor. When prewired with a RELOC interface, relocation of office work stations is as easy as moving partitions and floor panels.

Construction

16-gauge galvanized steel. Up to 135 cubic inches capacity.

Sturdy Lexan carpet/tile floor flange supports box on panel. Also acts as carpet flange.

System Features

Concealed service top of sturdy molded Lexan.

Wide access openings (two sizes).

Hinged floor plate.

Interchangeable faceplates for flexibility.

Available with factory-installed electrical devices and RELOC interface for wiring ease and flexibility.

Installation

Easy to install or relocate in any access floor.

Listings

UL Listed only.

FM

Floor Module



Example: FM13 P Z B RQ

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult your sales representative.

| Series/Size | Power options | Data/communications options | Finish | Output connection |
|---|---|------------------------------|---------|---|
| Series Size | | | | |
| FM ¹ 11 5" X 6" (two compartments) | P One power panel for one duplex receptacle (receptacle not included) | (blank) None provided | B Black | (blank) None |
| 13 10" X 6" X 5-1/4" (five compartments) | P1 One prewired 20A duplex receptacle (one circuit) | D Blank panels | G Gray | RQ RELOC interface custom design ² |
| | P2 One prewired 20A isolated ground duplex receptacle (one circuit). | Z Custom design ² | | |
| | Y Custom design ² | | | |

ADDITIONAL INFORMATION

For additional product information, visit www.relocwiring.com.

Notes

- 1 120V only.
- 2 Consult factory for custom design options.