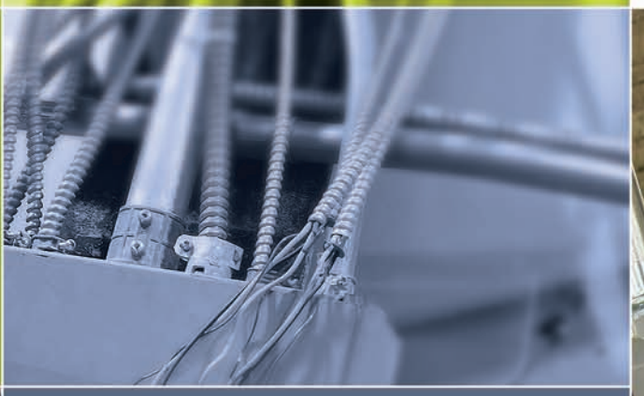
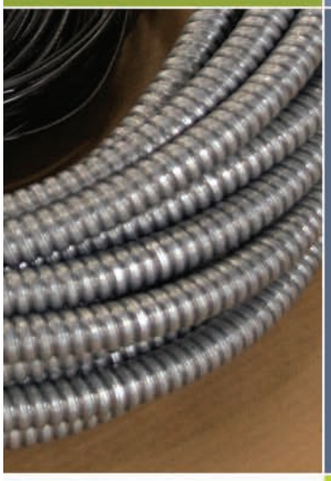
RELOC Now Goes
Back to the Panel





RELOC® WIRING SOLUTIONS

Extend Your Savings

Back to the Panel

with RELOC® Mainrun Cable

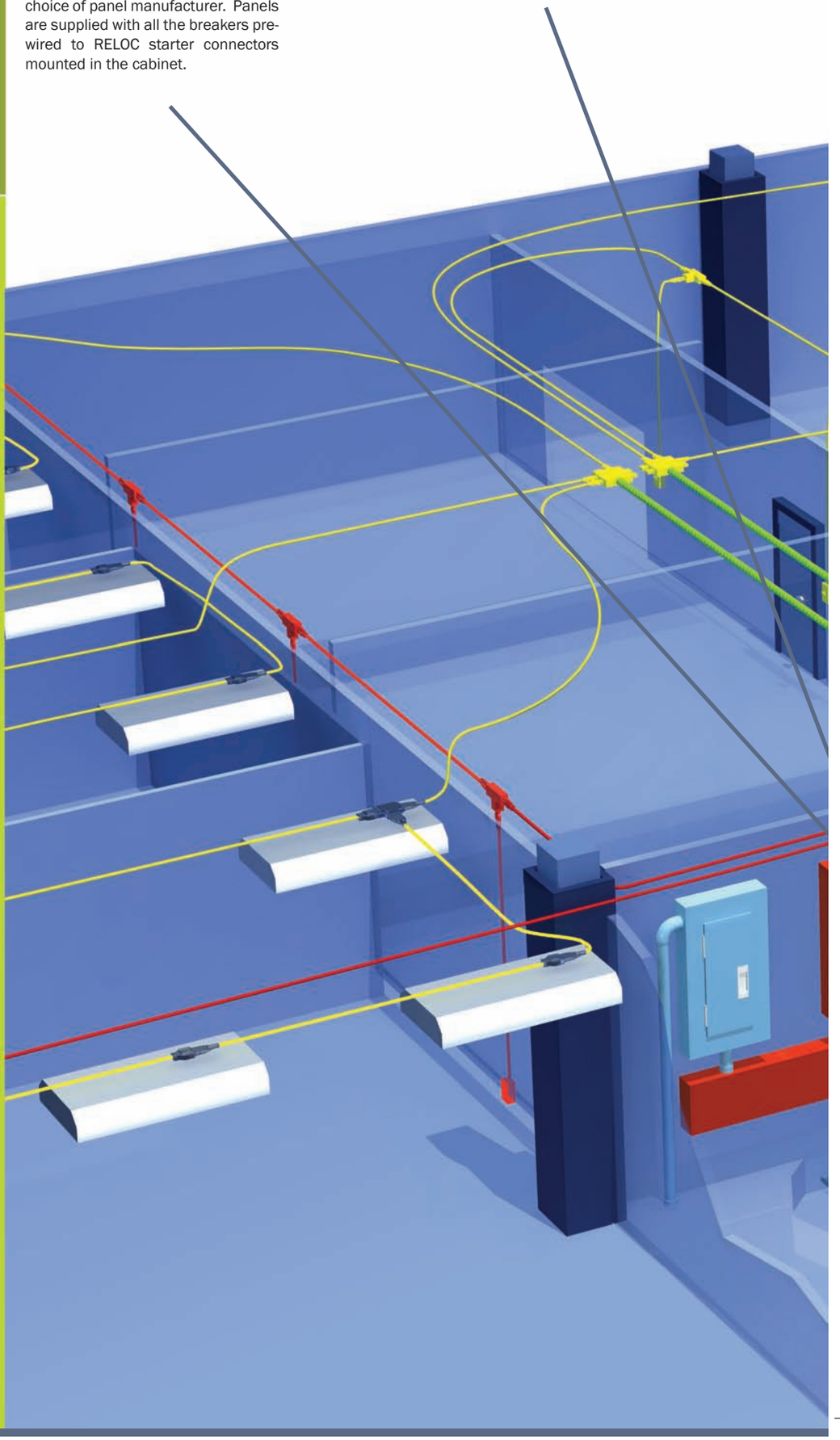
For more than thirty years, RELOC Wiring Solutions has been the leader in modular branch circuit wiring for lighting fixtures, providing customers with maximum flexibility and substantial cost savings. Now the benefits of RELOC Wiring Solutions can be realized all the way back to the breaker panel. RELOC 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 Solutions are more critical in today's fast-paced construction, 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® WIRING SOLUTIONS

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 prewired 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.



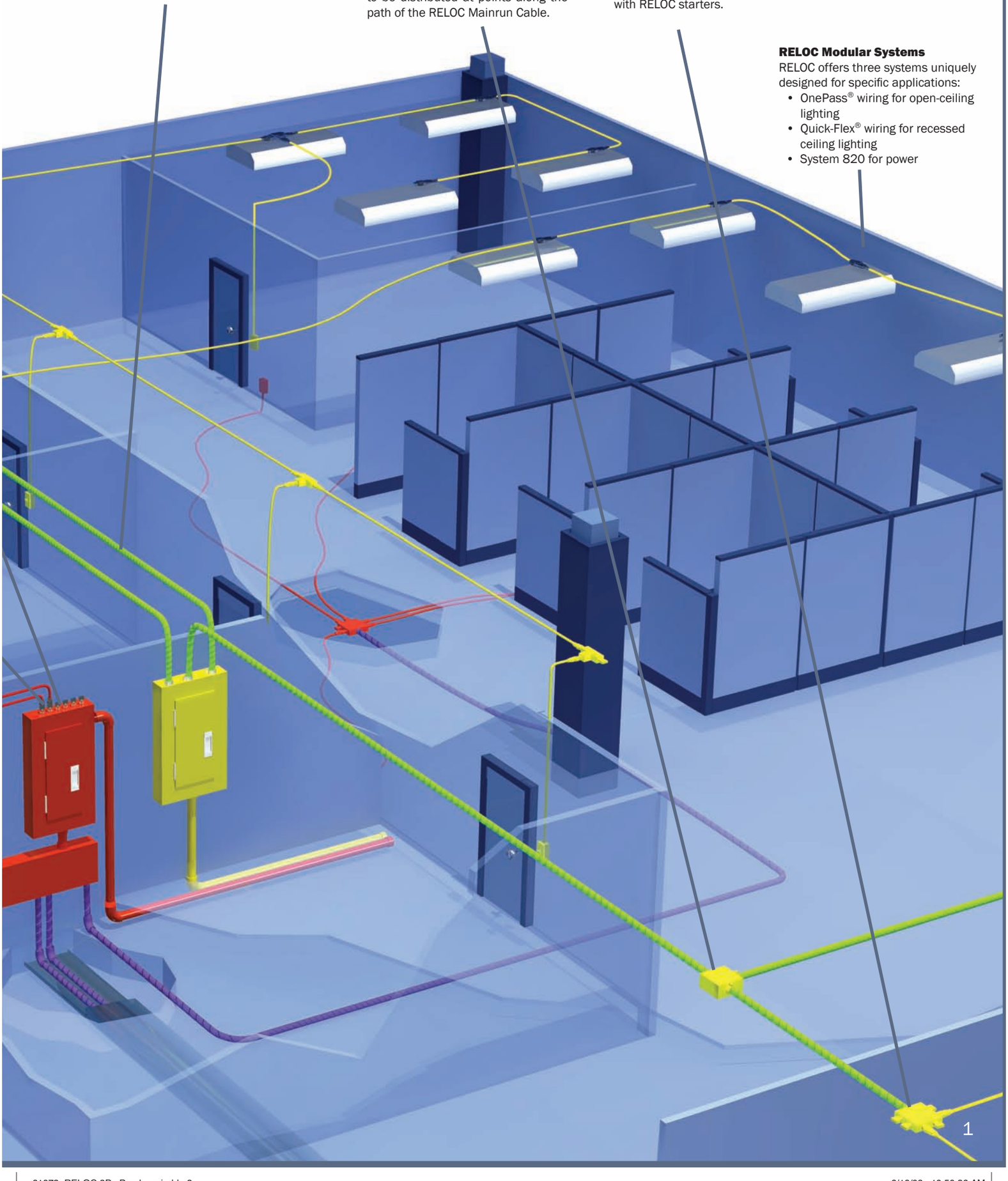
RELOC Mainrun Cable (RMC)
The RELOC Mainrun Cable extends your savings from the home run junction box back to the breaker panel.

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 Flexibility

To Meet Your Project Needs

RELOC Wiring Solutions offers a variety of product components to extend your savings back to the panel. At the heart of this offering is the new RELOC Mainrun Cable product, which significantly improves on-site productivity, creates construction consistency and enhances product safety. RMC helps get the job done in less than one-third the time compared to traditional wiring methods.

When RMC is part of the owner's construction specifications, it pays dividends in the form of lower bid costs. Additional benefits include easy relocation, a condensed construction cycle and reduced on-site waste.

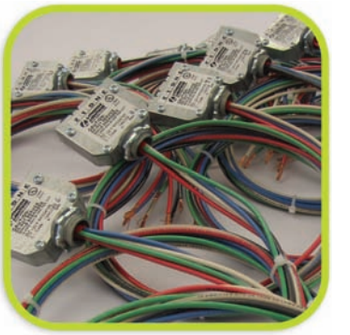
RELOC - A Complete Wiring Solution

To ensure a fast, economical and easy wiring installation, simply use standard OC2, CE and QE cables to complete the circuit runs from a factory- or field-wired RELOC breaker panel.

Panel Wiring Overview

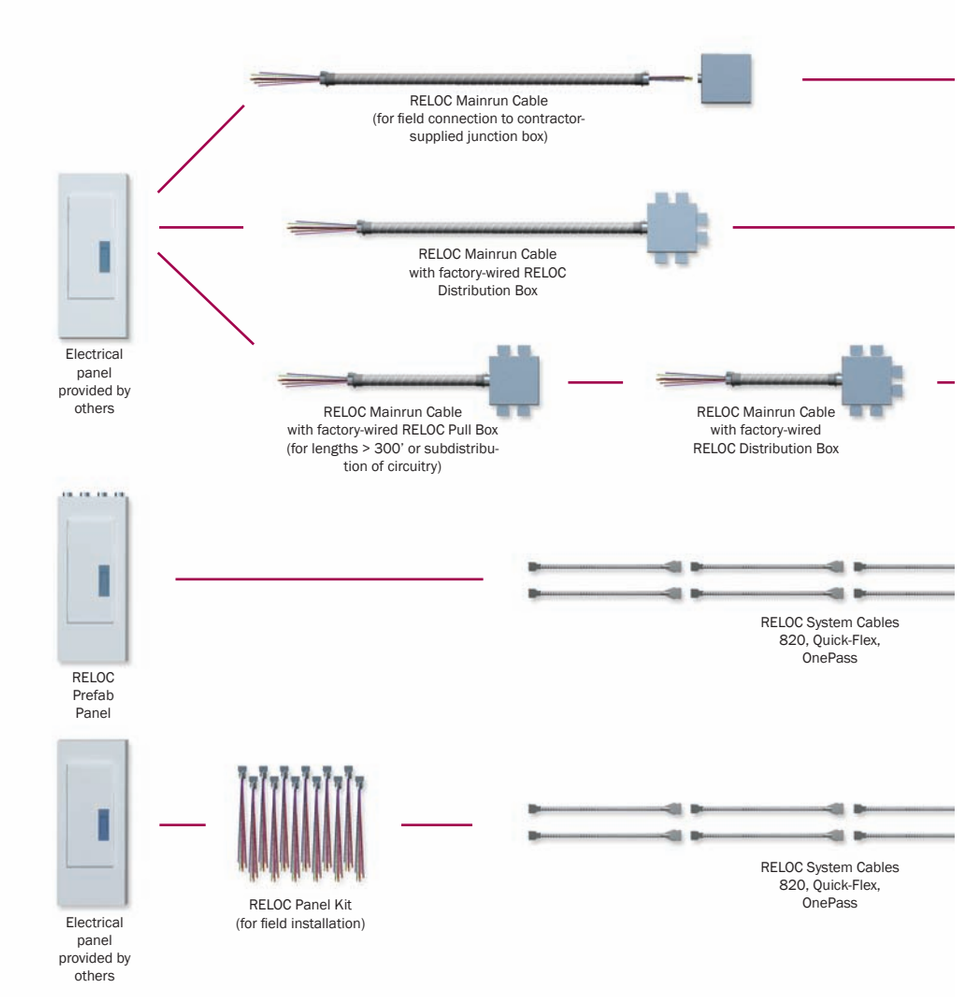
Factory-wired
RELOC Prefab Panel (RPP)

- Panel housings and breakers from major suppliers: Cutler-Hammer, GE, Siemens or Square D
- Panels accomodate 18 to 42 circuits
- Available with pre-wired RELOC converters to start a RELOC run from the panel



Field-wired
RELOC Panel Kit (RPK)

- For field installation into a breaker panel
- 14 starters for System 820 and OnePass® wiring
- 21 starters for Quick-Flex® wiring
- 72" leads provided
- Fits 1/2" trade-size KO (.875" dia.)



Mainrun Cable Overview

RELOC Mainrun Cable (RMC)

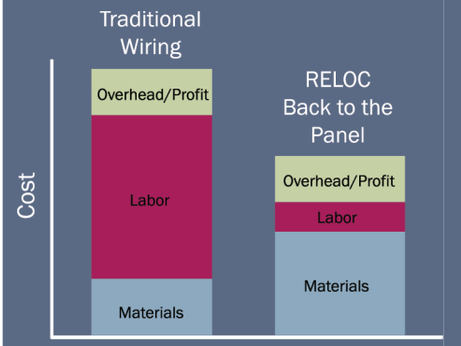
- Mainrun Cable (RMC) can be directly wired to the panel in the field
- Suitable for environmental air handling spaces (ceiling and raised floors)
- Fabricated with listed flexible metal conduit (Type FMC)
- All conductors are type THHN rated for 90˚C
- Offered in 10’ increments from 50’ to 300’

Distribution Box

- Steel construction with steel mounting feet and slotted openings for installation
- Pre-wired with RELOC Mainrun Cable (RMC) attached or pre-wired with a terminal block ready for field wiring
- Installed in the ceiling or raised floor for branch circuit distribution of lighting and convenience power
- Up to 12 RELOC converters

Cost Savings

Independent electrical estimators confirm that RELOC Back to the Panel solutions provide substantial total installed cost savings over traditional wiring methods.



Total Installed Cost Savings with RELOC > 30%

All products are UL Listed, C-UL Listed or CSA Certified.

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**
			RELOC **Mainrun Cable with Distribution Box** and RELOC System Cables
Greater than 300 feet			RELOC **Mainrun Cable with Pull Box**

RELOC® WIRING SOLUTIONS

Ordering Information

RELOC Mainrun Cable

For shortest lead times, configure product using **standard options (shown in bold).**
Example: RMC 200 12/3H 12/1N 12/2G

RMC

Series
- **RMC Mainrun cable**
- **S5RMC Simply 5 Mainrun cable**

Length[1]
- **50-300 Cable armor in feet**

Hot conductor properties[2]
- **8/_H 8-ga. wire w/ _ hot conductors**
- **10/_H 10-ga. wire w/ _ hot conductors**
- **12/_H 12-ga. wire w/ _ hot conductors**
- 14/_H 14-ga. wire w/ _ hot conductors
- 16/_H 16-ga. wire w/ _ hot conductors

Neutral conductor properties[3]
- **6/_N 6-ga. wire w/ _ neutral conductors**
- **8/_N 8-ga. wire w/ _ neutral conductors**
- **10/_N 10-ga. wire w/ _ neutral conductors**
- **12/_N 12-ga. wire w/ _ neutral conductors**
- 14/_N 14-ga. wire w/ _ neutral conductors
- 16/_N 16-ga. wire w/ _ neutral conductors

Ground conductor properties[4]
- **8/_G 8-gauge wire w/ _ ground conductors**
- **10/_G 10-gauge wire w/ _ ground conductors**
- **12/_G 12-gauge wire w/ _ ground conductors**
- 14/_G 14-gauge wire w/ _ ground conductors
- 16/_G 16-gauge wire w/ _ ground conductors

Panel end lengths
- (blank) **10 ft.**
- A 20 ft.
- B Custom

Distribution box[5]
- (blank) **3-ft. leads**
- **C DBP**
- **D Pull box**

Options
- (blank) **None**
- T Pull tape

Packaging
- (blank) **Gaylord carton**
- P Packed on pallet
- R Packed on reel

NOTES:
1. Available in 10' 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.

RELOC Prefab Panel

Lead times will vary depending on options selected. Consult with your sales representative.
Example: RPP 18 P1 100 IC10 MLT SS GEN

RPP

Series
- RPP Prefab panel

Number of circuits[1]
- 18
- 24
- 36
- 42

Voltage
- P1 120/208V
- P2 277/480V

Maximum rating
- 100 100 amp
- 225 225 amp

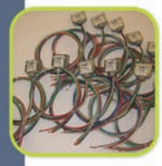
Current rating[2]
- IC10 10kAIC
- IC14 14kAIC
- IC18 18kAIC
- IC22 22kAIC
- IC35 35kAIC

Main feed options
- MLT Main lug top
- MLB Main lug bottom
- MBT Main breaker top
- MBB Main breaker bottom

Mounting
- SS Standard surface
- SF Standard flush

Manufacturer
- GEN General Electric
- SD Square D
- CH Cutler-Hammer
- SM Siemens

NOTES:
1. 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.
2. All panels will be provided as a series-rated panel unless a fully rated panel is clearly specified.



RELOC Panel Kit

For shortest lead times, configure product using **standard options (shown in bold).**
Example: RPK 120 CD

RPK

Series
- **RPK Panel kit**

Voltage
- **120 120V**
- **208 208V**
- **277 277V**
- **347 347V**

Output connection
- **CD 820 circuit distributor[1]**
- **OC OnePass converter[1]**
- QC Quick-Flex converter[2]

Options
- (blank) **None**
- **2N Two hot conductors with dedicated neutral conductors**
- **IGW Isolated ground wire**

NOTES:
1. CD and OC each include 14 five-wire starters.
2. QC includes 21 four-wire starters.

RELOC Distribution Box

For shortest lead times, configure product using **standard options (shown in bold).**
Example: DBP 120 4CD

DBP

Series	Voltage	Output connection[2]	Options
DBP Distribution box primary	**120 120V** **208 208V[1]** **220 220V[1]** **240 240V[1]** **277 277V** **347 347V** **480 480V[1]**	**_CD Specialty circuit distributor[3,4]** **_OC OnePass converter[3,4,5]** _QC Quick-Flex converter[6,7,8,9]	(blank) **None** **2N Two hot conductors with dedicated neutral conductors** **IGW Isolated ground wire** **PB Bull box[10]** **LP Low-profile box**

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

Back to the Panel

Frequently Asked Questions

How is the Mainrun Cable supported?

- Since the Mainrun Cable is manufactured from flexible metal conduit, the cable should be secured and supported in accordance with NEC Article 348, flexible metal conduit.
- For applications under a raised floor where the Mainrun Cable lies directly on the slab, we believe that the Mainrun Cable is fully supported along its entire length. Local inspectors may allow securing the Mainrun Cable to the stanchions of the raised floor.
- Always remember that the local authority having jurisdiction, usually the electrical inspector, should be consulted if any questions arise regarding interpretation of securing and supporting requirements. All local code requirements should be followed.

Can I add conductors if site conditions change?

- An optional pull tape to add conductors to the Mainrun Cable after installation is available. The pull tape is provided only if the rules regarding fill ratio and conductor ampacity adjustment of the Mainrun Cable will not be violated by adding conductors.
- If you are certain that you will need to add conductors after the Mainrun Cable is installed, we will offer you an optional larger-size flexible metal conduit to ensure that you have adequate room for the additional conductors.

How can I determine circuit assignments on the Distribution Boxes and Prefab Panels?

- Labeling on the covers of our RELOC Distribution Boxes identify the circuits assigned to each port on the Distribution Box.
- When the RELOC Distribution Box Primary is factory-assembled to the Mainrun Cable, the labeling will identify which conductor is assigned to each port on the Distribution Box.
- When the RELOC Distribution Box Primary is provided ready for field wiring, the labeling on the terminal block inside the Distribution Box will be marked to indicate where each conductor should be attached to the terminal block.

Can these products be used in environmental air-handling spaces?

- Yes, the RELOC Distribution Box Primary and the Mainrun Cable are UL Listed to meet the requirements of NEC 300.22(c). Other Space Used for Environmental Air. This allows these RELOC products to be installed above a hung ceiling or below a raised floor.

Packaging Options

- RMC standard packaging is multiple RMCs in a gaylord container.
- Options:
  - > one RMC shrink-wrapped on a pallet
  - > one RMC on a reel

Other RELOC Literature

RELOC Lighting Solutions Brochure
Form #870.167

RELOC®
WIRING SOLUTIONS
An AcuityBrands Company

Reduce, Reuse, Recycle... RELOC

RELOC products are a greener solution than traditional wiring. RELOC products minimize installation time and construction waste while maximizing productivity, reusability and the use of recycled materials.

Please see www.acuitybrandslighting.com/sustainability for more information.

AcuityBrands. Lighting

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