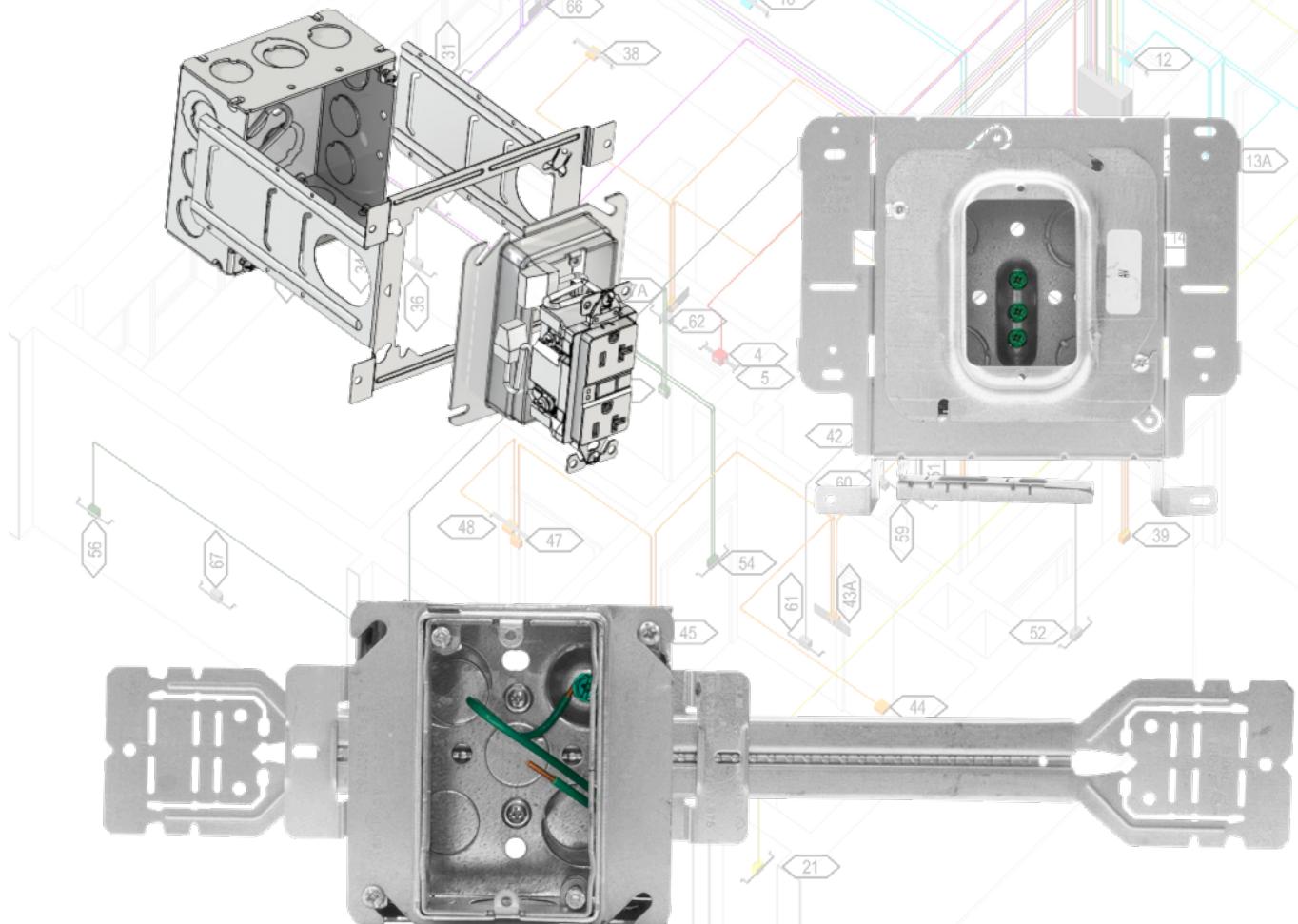


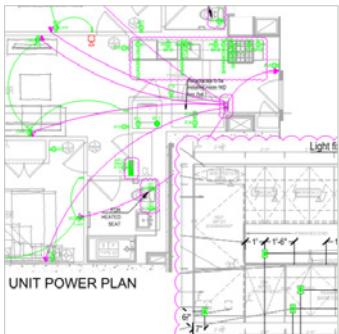
PRE-formance contractor productivity solutions



EATON

Powering Business Worldwide

Industry challenges



The number of electricians continues to contract while demand continues to grow.

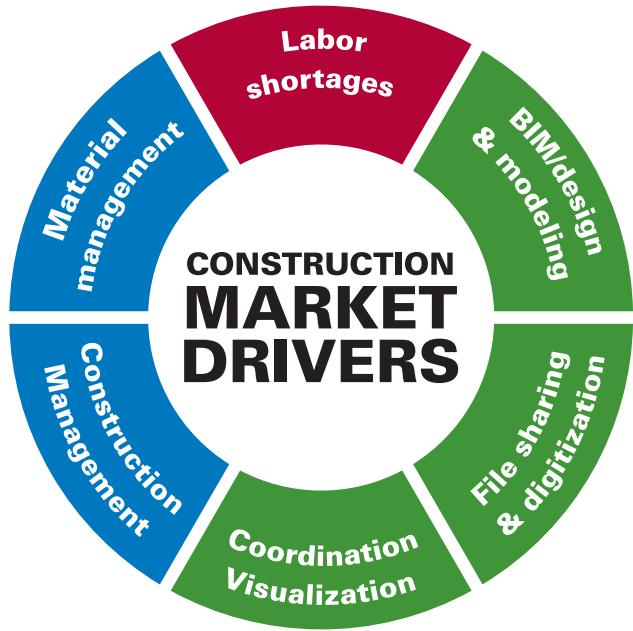
Projects are becoming more complex and the schedules more demanding.

The expectations on the contractor are at an all-time high – building requirements, digital models, waste management, incredibly tight budgets.

Productivity challenges hit hardest at rough-in.

Inefficient material management and slow installation when working in ceilings and walls is **costly**.

We need efficiency to get it done right and quickly.



Reduce material management.
Speed up installation.
Optimize skilled labor.

Electricians need to be installing! **FAST!**

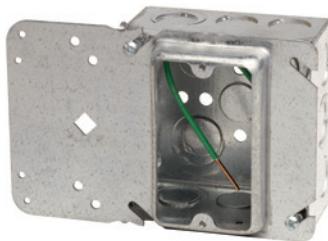
Improve your productivity and profitability with
PRE-formance solutions from Crouse-Hinds & B-Line

Eaton's Crouse-Hinds & B-Line solutions



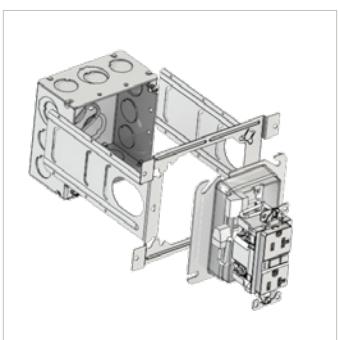
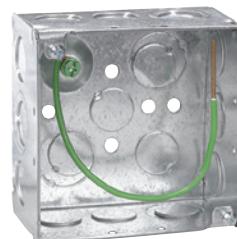
Optimize your pre-fab shop

- Pre-fabricate as much as you can in your shop to eliminate on-site assembly, without burdening your team with more material management.
- Do the work locally that can't be done by the manufacturer – wire transformers, whip fixtures and pipe bends at your shop.
- Work with a vendor that can provide device assemblies and components to standardize your process and optimize your shop.



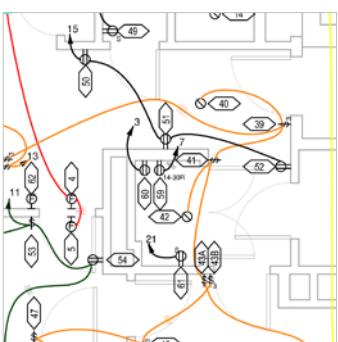
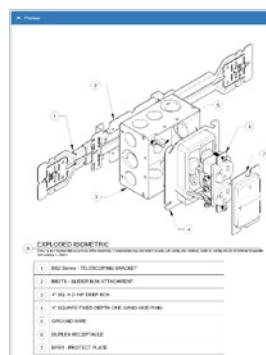
Standardize on basic assemblies

- Move to common brackets for stud and between stud mounting including boxes, mud rings and ground wire.
- Buy these assemblies from a trusted manufacturer that can scale with your projects and provide more advanced assemblies.
- Partner with a strong distributor who can deliver and stock your assemblies. Reduce material management costs and eliminate assembly for all your work.



Configured assemblies

- Configure your assemblies as far as possible depending upon the project type and schedule.
- Order assemblies with the devices installed and eliminate installation time required during trim out.
- Optimize labor usage and maximize installation speed. Pull trim out forward with installed devices – save time at the end of the project when you need it most.



Complete engineered to order solutions

- Use complete ETO solutions in highly repetitive projects like apartments, dormitories and hotels.
- Fully engineered and wired to your specifications, speeding up a consistent installation while optimizing your labor.
- First touch installation.



Standardize on basic assemblies

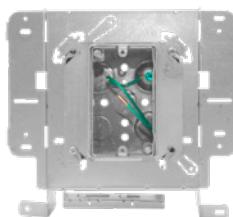
Standardize

Work with your foreman and project managers to standardize on a common assembly for day to day work and small projects.

**Choose the configurations that you'll use repetitively.
Standardize to make your installs more consistent across the team.**



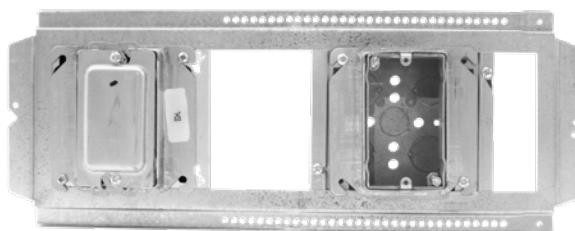
Eaton's Crouse-Hinds boxes with pre-installed ground screw and pigtail provide a simple, readily available way to meet grounding and bonding requirements for metal boxes. Includes the 4" or 4-11/16" square box with 8" insulated solid ground wire with ground screw.



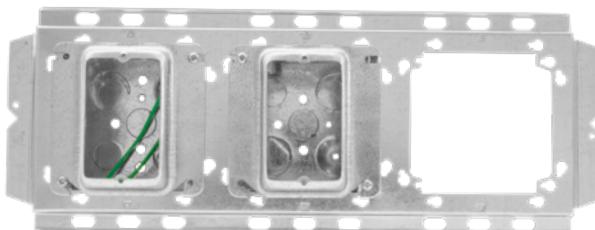
Single and double sided direct mount assemblies - all catalog numbers contain a single or double sided direct mount bracket (for 2-1/2" and 3-1/2" studs), 4" square steel box, mud ring, and 8" insulated solid ground wire with ground screw.



Telescoping slider assemblies - all catalog numbers contain a 11-18" telescoping slider bracket, 4" square steel box, mud ring and 8" insulated solid ground wire with ground screw.



Open bracket assemblies - all catalog numbers contain a 16" stud spanning open bracket. Each position can take a 4" square steel box, mud ring and 8" insulated solid ground wire with ground screw.



Multi-mount assemblies - all catalog numbers contain a 16" stud spanning multiple mount bracket. Each position can take a 4" square steel box, mud ring and 8" insulated solid ground wire with ground screw.

Maximize skilled labor

If you are assembling in the field, **you're wasting skilled labor.**

Stop having your electricians assemble on-site – the first time they touch a 4" box should be when they fasten it.

Order your boxes **assembled** with ground screws and pigtails, mud rings and mounting brackets.

If you own your own pre-fab shop, have them work on more complicated tasks.

Keep your skilled electricians doing skilled work.

How you save

Basic assemblies arrive per your specifications



Partner with Crouse-Hinds & B-Line for assemblies and components



Outlet boxes and covers factory, Eaton's Crouse-Hinds, Meadowlands, Pennsylvania



Pre-fab shop center of excellence in Meadowlands, PA. Satellite shops in Syracuse, NY and Pearland, TX



Our B-Line and Crouse-Hinds sales and service team, along with the best manufacturer reps and distributor partners, will help keep you productive.



Configure your assemblies

Go to crouse-hinds.com/configure and we'll configure your standard assemblies and provide you with shop drawings for your submittal package.



This is the first step toward better efficiency and sets you up for configuring custom MTO assemblies on your next project.



Move away from the old cardboard supply list. Simplify your ordering & material management.

Embrace technology for ordering supplies and eliminating transaction costs.

The next generation of journeymen will demand digital, which provides efficiency from selection to installation.



Configure assemblies for your next project!
Crouse-Hinds.com/configure

Partner with our distributors



Distribution partners will stock your assemblies and components. Ideally, they eliminate your material management. When your electricians touch it, they are installing.

Get your team in and out of the ceilings and walls as fast as possible.

Standardize on assemblies.
Leverage technology to become more efficient in ordering.
Configure assemblies as far as possible depending on project.
Partner with a strong Eaton's Crouse-Hinds and B-Line distributor.

Configured assemblies

When to use configured assemblies

Perfect use in EMT and flex applications. Universities, healthcare facilities, offices and mixed use buildings are all going to have highly repetitive assemblies... just in different locations.

Configure them all at take off. We can kit them by type, room or floor.



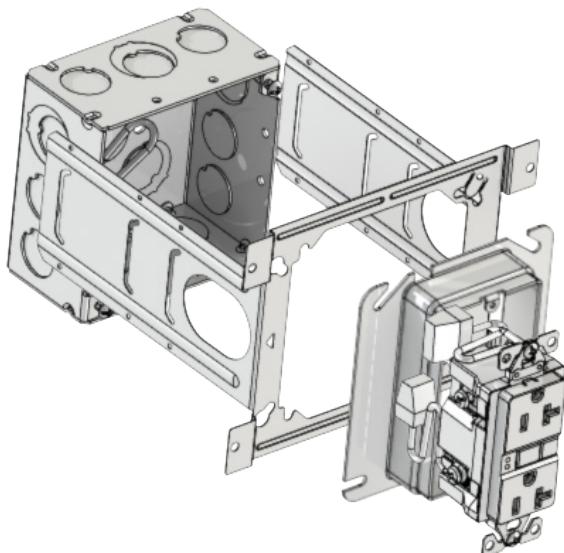
How you save

Configured assemblies with devices installed allow you to manage the MC and conduit on-site, avoiding collisions, but **getting out of the ceilings and walls faster** with less on-site labor, less material management and pulling trim out hours into the rough-in!

Your productivity will be up significantly and you can deploy your best labor to the next project!

You won't need to send your best installers back to trim out at the end of a project.

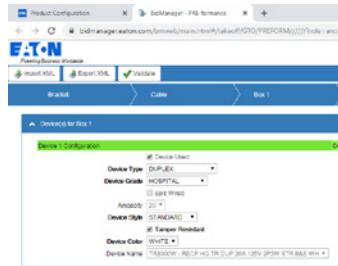
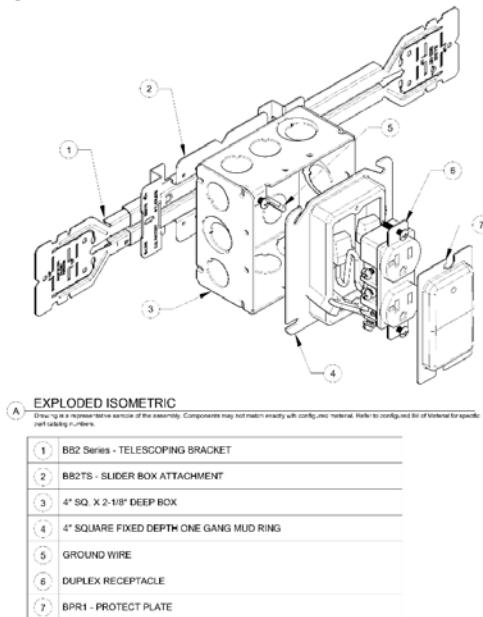
Start with your standard assembly – just configure more of it to be assembled so your team installs it the first time they touch it.



Configured (Made to Order)

Configured MTO assemblies greatly **reduce time in procurement, handling and overall speed of installation.**

Reduce quote and order lead times – enables specification of available product options to build error-free catalog numbers for quotes and orders. **A digital order that is faster and gets completed right!**



BIDMANAGER
Eaton's Pricing and Configuration Tool

Easily select your assemblies cafeteria style from Eaton's BIDMANAGER pricing and configuration tool.

Check it out in the contractor-built Field e Fex app.

Call your local distributor or Eaton sales representative to walk you through it.

Configured assemblies are ready to install the first time your electricians touch them.

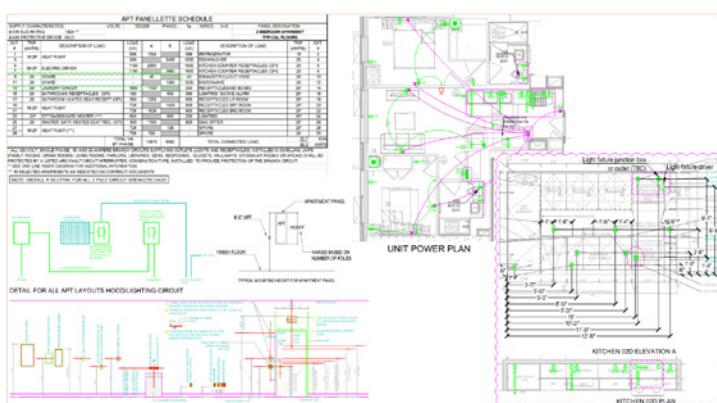
Less waste on-site. Less material to shuffle around and keep track of. Keep your electricians installing!



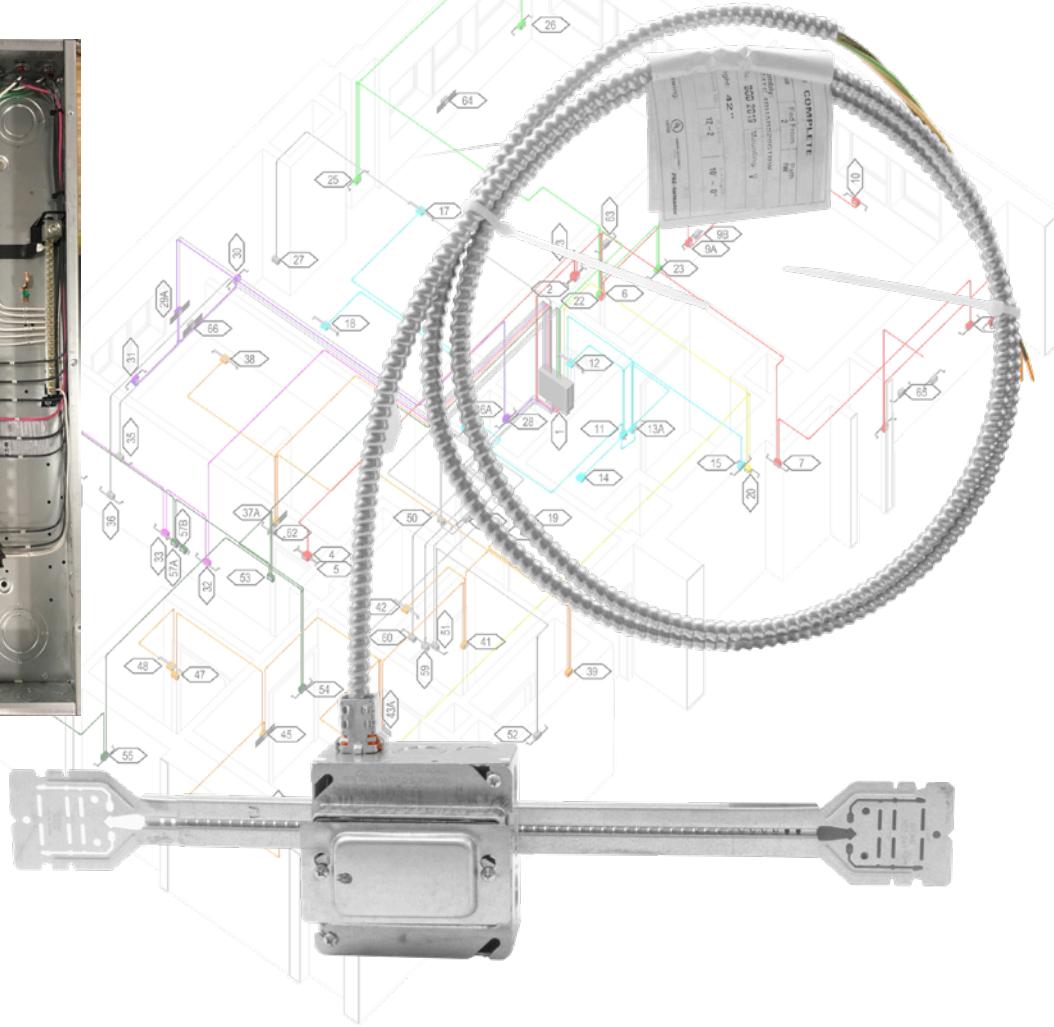
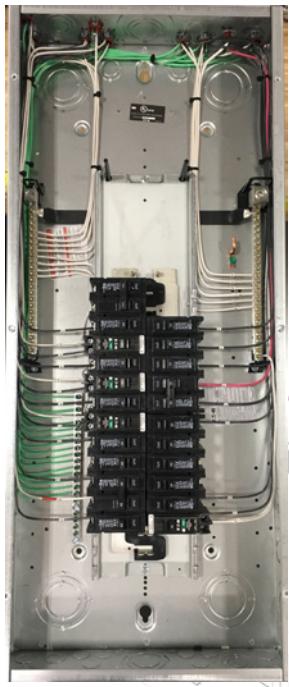
Configure assemblies for your next project!
Crouse-Hinds.com/configure

Kitted assemblies by type, floor and room

We understand that things always change on large commercial projects – **changes that can come at you fast and are beyond your control.** Whatever the obstacle, we'll get you the assemblies you need to keep your electricians working on the big stuff.



Complete (ETO) Engineered to Order solutions



When to use complete assemblies

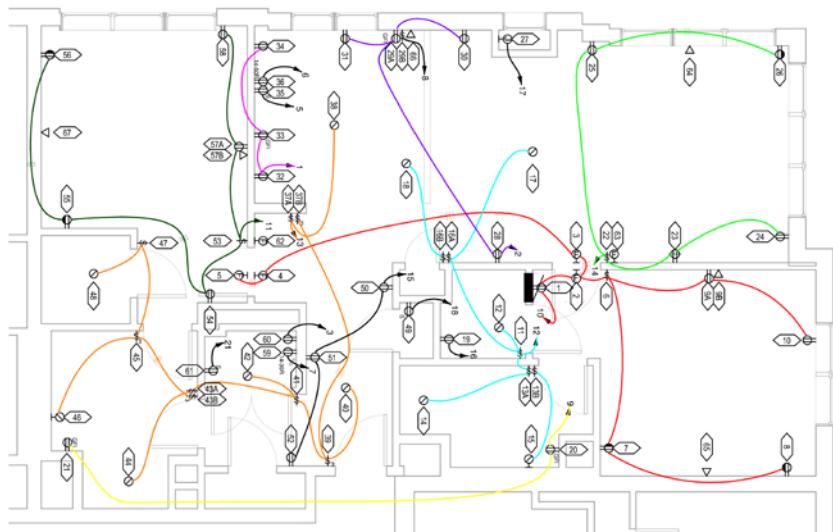
Complete solutions are used in commercial buildings with **highly repetitive installations** such as hotels, condominiums, dormitories, retail offices, hospitals and apartments.

How you save

Elimination of job site "engineering"

Reduction of material overages and scrap, including expensive wire and cable

Data shows roughly **8 minutes saved per installed assembly** on a typical hotel over traditional "stick-build" wiring methods for greatly improved job site efficiency

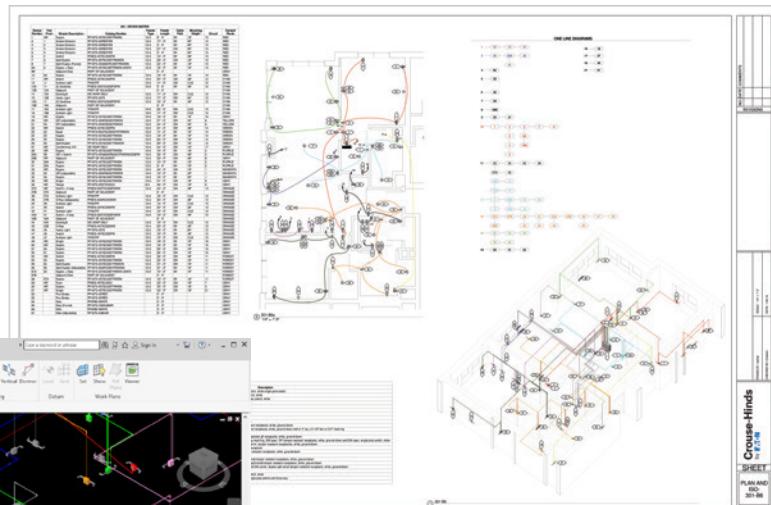


Engineered solutions

Crouse-Hinds engineering teams work with you to plan and design your next big project's exact requirements.

Dedicated project management, local sales and distribution support.

Labelled assemblies and detailed drawings make install faster and standardize repetitive work.



Digital integration

We can work with you to incorporate our data into your plans. Streamline job and material management with fully integrated electrical layouts from our design engineering team.

We'll work your team and the tools you use.

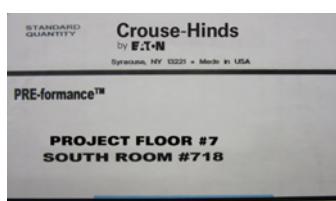


LOD 400 & 500 REVIT models

Simplify material management and installation speed

Kitted assemblies by type, by floor and by room

Custom labeling and packaging
simplifies material
management and handling



Eliminate job site material “piles” and inefficient searching for pieces and parts at the job site



Productivity IQ

Productivity IQ >>

Work smarter, not harder...



INNOVATIVE products, services, resources & tools to increase productivity

Solutions

Time saving design solutions

Services

Engineering support before, during and after the sale

Tools

Software, drawings, videos and more

Resources

Technical support, seismic engineering support and chat tools

Productivity IQ site

Eaton.com/Productivity-IQ

Video education series

Eaton.com/Productivity-IQ-vlog

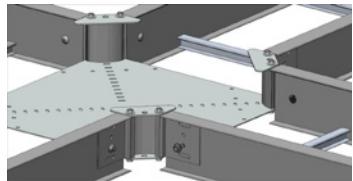
Software, tools & samples

Eaton.com/Productivity-IQ-Tools

Register for news

Eaton.com/Productivity-IQ-news

KwickSplice cable tray



- I-beam splice retention groove feature
- Only two bolts required to secure splice place
- Maintains structural integrity and electrical grounding
- Up to 50% savings on hardware materials
- Universal fitting allows removal of side panels to create 90° horizontal bends, tees or crosses
- Rated for NEMA 12A and 12B (CSA class C-3m and D-3m) load classes

NEMA Type 1 Quick-connect wireway



- Quick-connect method up to 20% faster to install
- Multiple fittings to create bends, turns and to terminate ends
- Features mounting holes on the back; available with or without knockouts
- Connectors feature gate that swings completely open for lay-in of cable and wire
- Universal style connectors available to adapt to other manufacturer's wireway

Conduit trapeze support



- Up to 50% quicker install than traditional trapeze; up to 75% part reduction
- UL Listed for US and Canada; 500 lb. load rating with SF 3
- Plastic bushing (BCTB) available for three hole sizes
- Eliminates the need for conduit clamps at every support

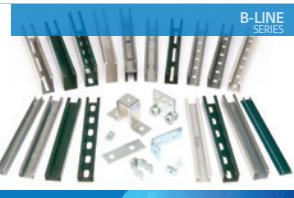
Pre-assembled strut fittings



- Combine nuts and bolts into one fitting for faster installs
- Reduces the number of parts to handle / purchase
- Locking liquid applied – up to 5 ft./lbs. torque to loosen
- No protruding springs or tangles spring nuts
- Multiple options available: flat plate, cross and tee; 90 degree angle; angular fittings; clevis fittings and u-fittings.

Eaton's Crouse-Hinds & B-Line productivity solutions

Cut to length strut



B-LINE SERIES

Productivity IQ >> Work smarter, not harder.

Still cutting your own strut to length?

How long does it take your crew to cut 10 to 20 feet lengths of strut, set it by the size, measure it, cut it, deburr it, and then repeat? Now, multiply this by the hundreds of times you do this on an average job. The tools can be staggering!

Save time and reduce complexity with Eaton's cut-to-length struts. Get the job done quickly with less waste. These struts are pre-cut to length to help ensure the safety of your crew and eliminate during installation the need for tools, lighting, and a level to lay out the required identification on the job site.

For more time-saving solutions, visit [Eaton.com/ProductivityIQ](#).

EATON
Powering Business Worldwide

© 2013 Eaton Corporation. All rights reserved. Eaton, the Eaton logo, B-Line, and Cut-to-Length Strut are trademarks of Eaton Corporation Inc. or one of its direct or indirect wholly-owned subsidiaries. All other trademarks are the property of their respective owners. Eaton reserves the right to make changes at any time without notice or obligation.

- Saves upfront prep time and job site cutting
- No exposed edges, all cut-to-length strut is deburred before shipping
- No wasted strut lying around the shop or job site
- Ships pre-packaged and clearly labeled by cut lengths
- Multiple accessories available to complete your project

Engineering services



B-LINE SERIES

Engineering services for B-Line series solutions

You can rely on Eaton's talented engineers for support every step of the way. Let us show you how we can help you increase productivity from the start to the end of your project.

Below are just a few of our engineering services and support tools:

 Engineering calculations	 Mobile friendly tools
 Drawing and submittal creation	 PowerEdge mobile app
 Take-off services	 CAD / BIM / PDMs / AutoCAD MEP / CAD-Items
 Seismic approvals and inspection support	 Savings calculators

EATON
Powering Business Worldwide

© 2013 Eaton Corporation. All rights reserved. Eaton, the Eaton logo, B-Line, and Cut-to-Length Strut are trademarks of Eaton Corporation Inc. or one of its direct or indirect wholly-owned subsidiaries. All other trademarks are the property of their respective owners. Eaton reserves the right to make changes at any time without notice or obligation.

- Drawing and submittal creation
- Take-off services
- Multiple types of engineering calculations
- Seismic approvals and inspection support
- Software/submittal tools
- And more!

CoSPEC specifier site



- Free and easy to register
- 100K+ products to select, view and download
- Available in 2D and 3D drawings
- Over 100 various software formats
- Video for first time users available
- Over 24K registered users to date
- Avg. 11K+ downloads a month



NEMA cable tray submittal builder

Submittal builder instructions

The initial screen will show 0 results. Follow the instructions below to filter and search for submittals.

1. Use 'Filter' to set to select available submittals. Note: click "view more" to see additional filters within filter groups.
2. Use the < + > buttons to left and right to view all columns.
3. Click "Sort" menu button to view more options.
4. Green "X" to add / red "X" to remove submittals.
5. The "Search" field to search for specific submittal package.
6. Use up and down arrows to drag and drop submittals to rearrange order.
7. Click "Add New Sub" to add previous or to add more submittal options.
8. The "Print" button to print the submittal.
9. Below email or download to access package.

Downloads will include all requested items in a consolidated PDF document. Email includes a link to download package within 24 hours.

For 2D or 3D CAD and other software options, visit the B-Line series [CoSPEC specifier tool](#).
For more information about the CoSPEC specifier tool, visit [Eaton.com/CoSPEC](#).

- No registration required
- Extensive library of submittal drawings
- Select, view and download/email drawings
- Desktop, tablet and mobile friendly
- Video available to help first time users

Productivity IQ >> Work smarter, not harder.

For more productivity solutions, check out:

Eaton.com/Productivity-IQ



Productivity solution discussion points

Pre-fab shop YES NO Other _____

What operations are they performing in the shop?

Pre fab underground? Prep transformers? In-wall assemblies?

How much business goes through the PF shop?

How do the project teams order? Through the pre-fab shop? Electronically?

Productivity concerns

Labor issues?

Challenges with skilled labor?

Is there a formal process or team driving for more standardization?

Material management and procurement:

How much time is your on-site foreman spending? 20% 30% 40% Other_____

Are your teams assembling in-wall openings on-site?

Upcoming projects

Percentage that are commercial construction versus residential, commercial, institutional, industrial?

Any apartment buildings? Tenant build out? Dormitories?

Projects with large numbers of openings? (*potential for a configured solution...*)

For more information:

If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

U.S. (global headquarters): Crouse-Hinds

1201 Wolf Street
Syracuse, NY 13208
(866) 764-5454
FAX: (315) 477-5179
FAX Orders Only:
(866) 653-0640
crousecustomerctr@eaton.com

U.S. (global headquarters): B-Line

1201 Wolf Street
Syracuse, NY 13208
(866) 764-5454
FAX: (315) 477-5179
FAX Orders Only:
(866) 653-0640
blinecustomerservice@eaton.com

Mexico/Latin America/Caribbean

52-555-804-4000
FAX: 52-555-804-4020
ventascentromex@eaton.com

Canada

Toll Free: 800-265-0502
FAX: (800) 263-9504
FAX Orders only: (866) 653-0645

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

© 2020 Eaton
All Rights Reserved
Printed in USA
Publication 5438-0120
January 2020

Eaton is a registered trademark.

All other trademarks are property
of their respective owners.