

BYRNE

Phase 3 System

Overview

Introduction:

Byrne is a leading provider of power and technology solutions for contract office environments, as well as healthcare, hospitality, education and residential spaces. From initial concept to production, Byrne's vertical integration of innovative product design, injection molding, assembly, and UL listing delivers the best in product performance, quality and support.

Byrne's Phase 3 system is a great example of this—affordable and easy to customize—it's a great power distribution choice, especially well-suited for modular furniture use. Phase 3 accommodates panel applications of 2"-3 1/2" thick with harnesses available from 12" to 300" in length. All assemblies are fully tested to ensure only the highest quality—this is a system you can count on. Please contact a member of our Byrne customer relations team to determine the best solution for you.

Universally recognized:

UL Listed as a Manufactured Wiring System (UL 183)

UL recognized as an office furnishing accessory (UL 1286)

cUL Certified for Canada

Meets National Electric Code (NEC) article 604 and NEC article 605

BIFMA Level 3

Complies with municipal standards such as New York, Los Angeles, & San Francisco

Circuitry/Keying:

Our Phase 3 system is rated for 20 amps per circuit, allowing the use of 2 or 3 circuits. The 3 line conductors and shared ground are 12 AWG with a shared 10 AWG neutral. Phase 2 features two line conductors with dedicated neutrals and a shared ground all conductors in this system are 12 AWG. Phase 3 can be wired in both single and three-phase configurations, 240/120V, 208/120V respectively. Under NEC requirements, you can connect up to 13 duplex receptacles per circuit, or a maximum of 39 (15 A) duplex receptacles per power infeed—the actual number of receptacles recommended on a circuit or in-feed will vary depending on load requirements. Again, simply contact a member of our Byrne customer relations team to work through your configuration details.

Flexibility:

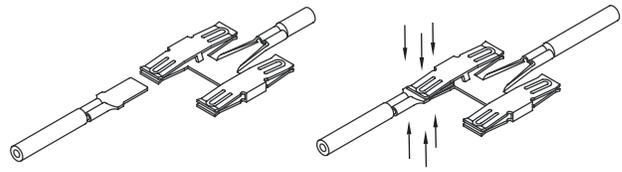
Phase 3's practical, space-conscious design neatly combines junction blocks, jumpers, and power infeeds into one modular assembly. Power is routed through our super-flexible metal conduit, making sharp corners a snap. Phase 3 also features a smart, dual-sided design, for power delivery to both sides of any partition or wall. A wide variety of power feed options for single and multi-circuit applications are available—making it easier than ever to distribute power in today's modern work landscape.

Installation:

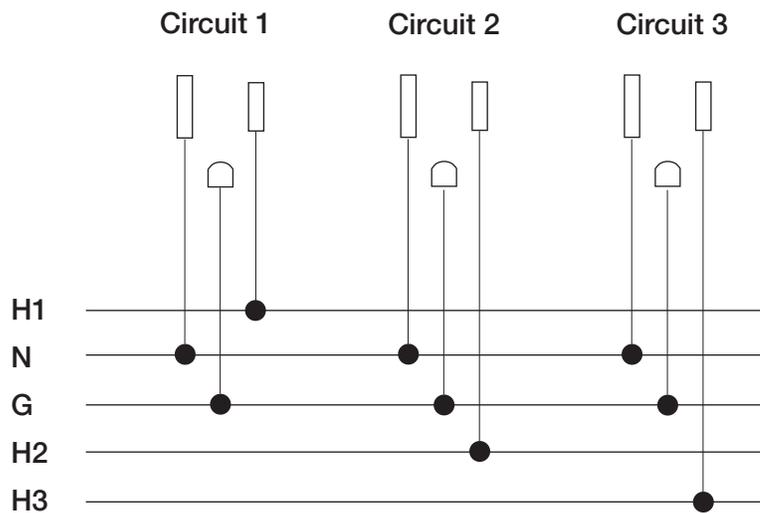
All connections are positive locking, assured by keyed terminal housings—and our slide mount raceway can be quickly installed on site after panel or table assembly.

Contact:

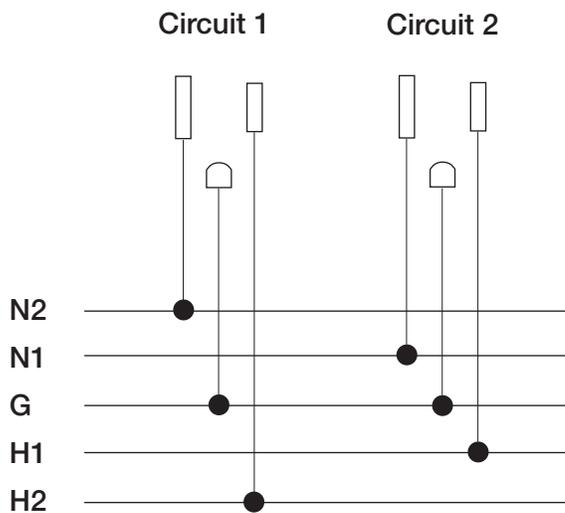
The center of the Byrne Phase 3 System is the patented six point contact terminal. This Quad Terminal is rated at over 50 amps, offering built in overload insurance. The design efficiently distributes power, reducing the contact resistance. The six points of contact provide a stable connection, eliminating rocking.



Keying for -3



Keying for -2

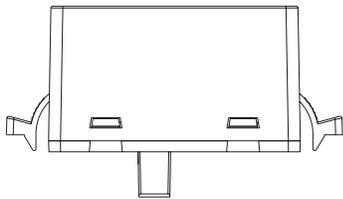
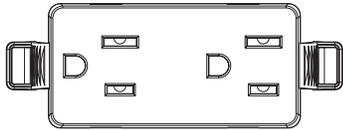


BYRNE

Phase 3 System

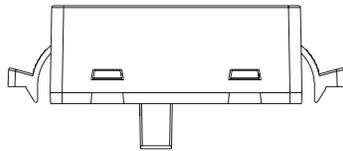
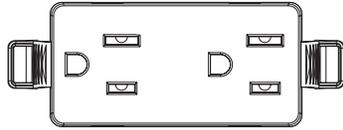
System Components

Duplex Receptacle



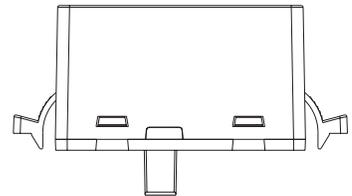
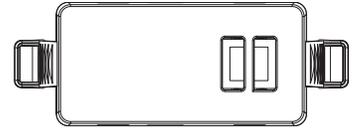
G Height
BE52426-X-G-X-X

Part, Keying, Height, Circuit, Color



C Height
BE52426-X-C-X-X

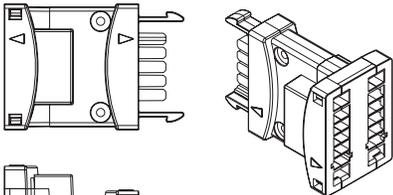
USB Receptacle



(G Height Only)
BE55661-X-X-X

Part, Keying, Circuit, Color

Misc Components



Y Connector
BE52418-X

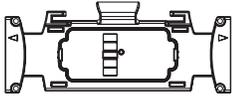


Dust Cap
BE04290

Phase 3 System

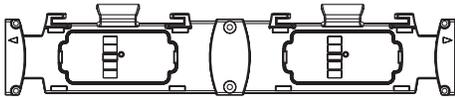
System Components

Raceway Options

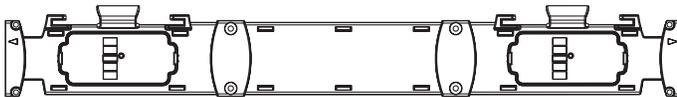


24" Raceway
BE52413-X-X-24

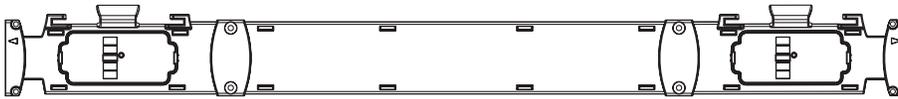
EXAMPLE:
BE52413-X-X-XX
Keying ———
Mount ———
Length ———



30" Raceway
BE52413-X-X-30



36" Raceway
BE52413-X-X-36

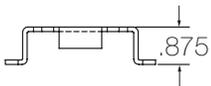


42" Raceway
BE52413-X-X-42

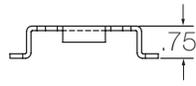
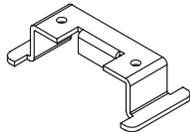


48" Raceway
BE52413-X-X-48

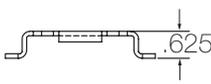
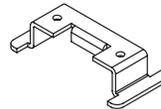
Slide Mount Brackets



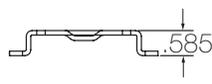
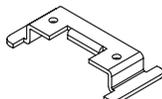
BE08077



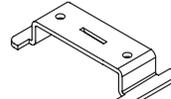
BE08152



BE08149



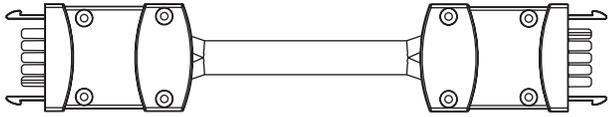
BE08221



Phase 3 System

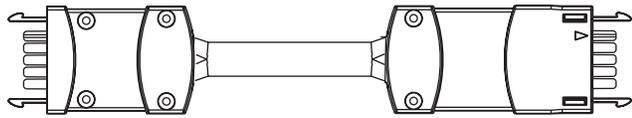
Pass Thru

Jumper

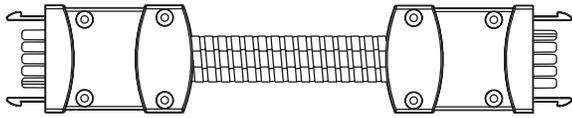


F/F Mesh Jumper
BE52462-X-18

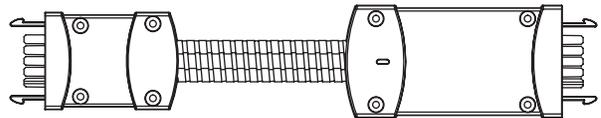
EXAMPLE:
BE52462-X-XX
Keying 
Length 



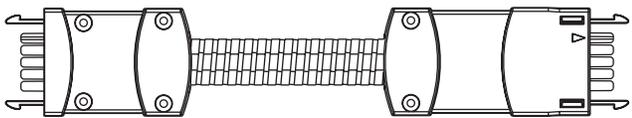
F/F/M 3-Way Mesh Jumper
BE52508-X-18



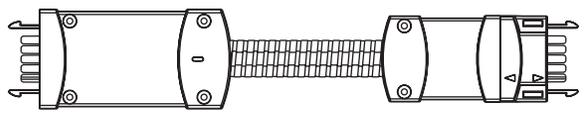
F/F Pass Thru
BE52463-X-XX



F/F Adjustable Pass Thru
BE53288-X-XX



F/F/M 3-Way Pass Thru
BE52468-X-XX

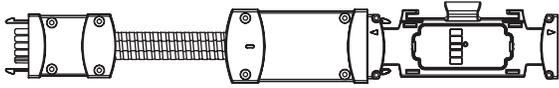


F/F/M 3-Way Adjustable Pass Thru
BE53289-X-XX

BYRNE

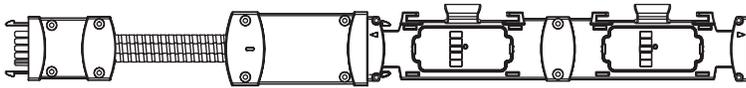
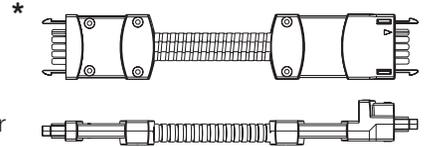
Phase 3 System

Panel Kit



24" Panel Kit
BE55786-X-24

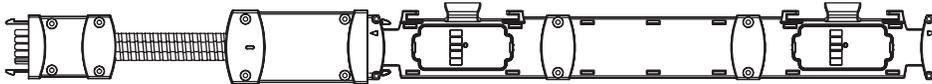
* 24" Panel Kit with 3-Way Adjustable Jumper
BE55787-X-24



30" Panel Kit
BE55786-X-30

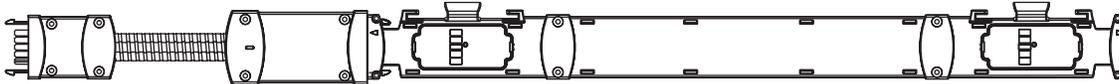
* 30" Panel Kit with 3-Way Adjustable Jumper
BE55787-X-30

EXAMPLE:
BE55786-X-XX
Keying —┐
Panel Length└┘



36" Panel Kit
BE55786-X-36

* 36" Panel Kit with 3-Way Adjustable Jumper
BE55787-X-36



42" Panel Kit
BE55786-X-42

* 42" Panel Kit with 3-Way Adjustable Jumper
BE55787-X-42



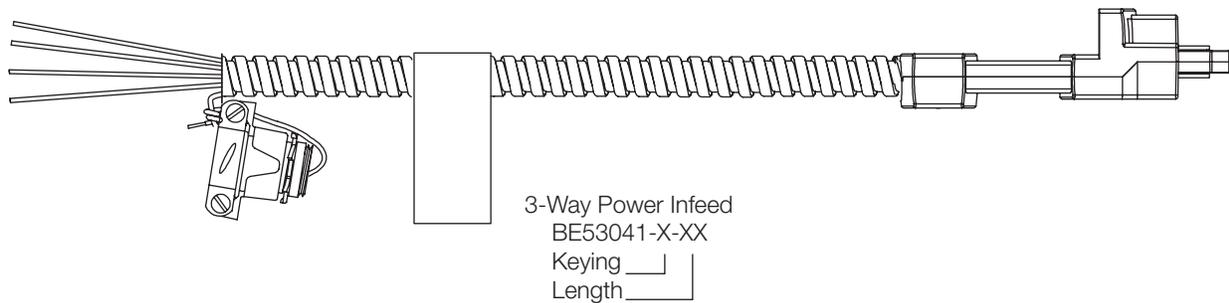
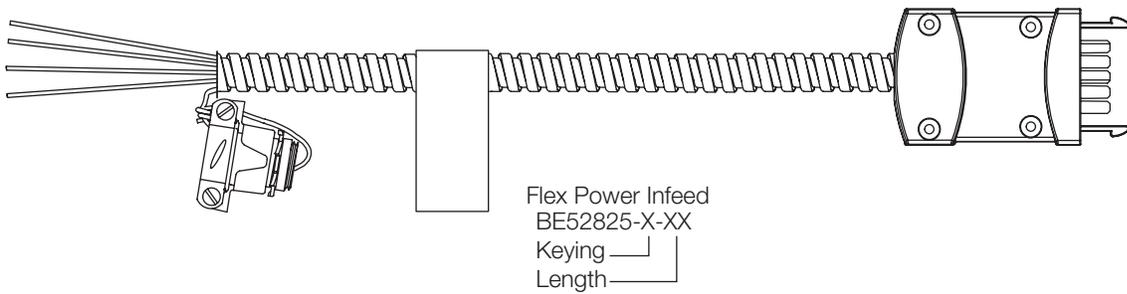
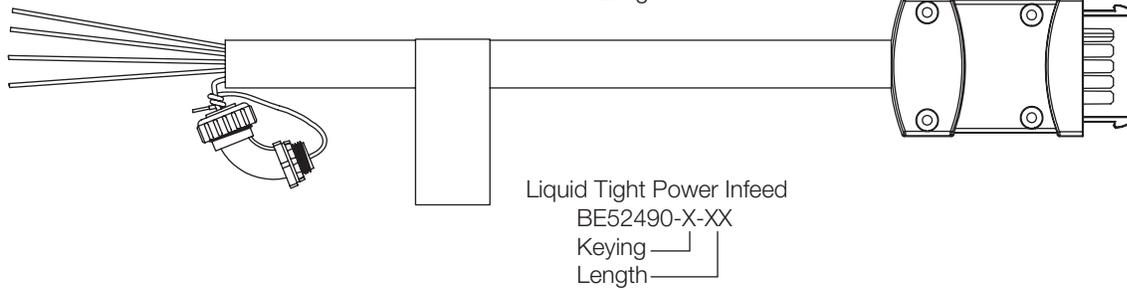
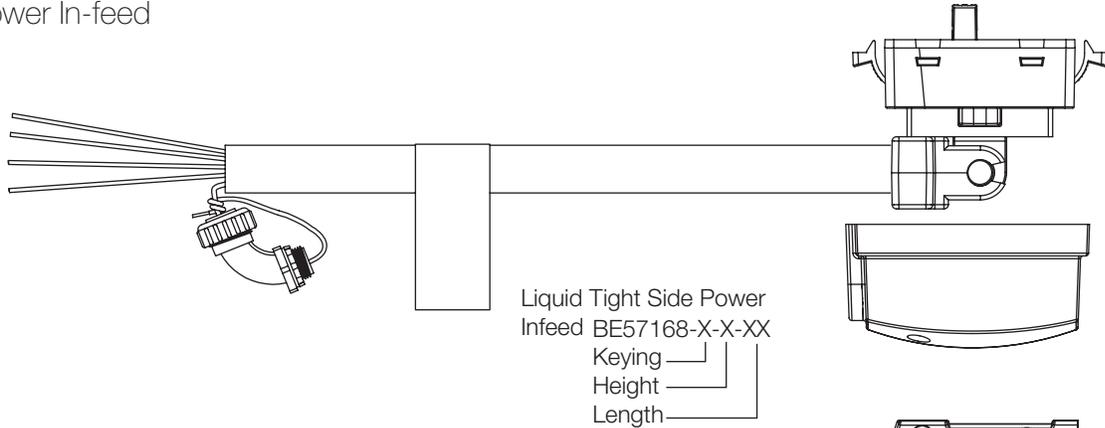
48" Panel Kit
BE55786-X-48

* 48" Panel Kit with 3-Way Adjustable Jumper
BE55787-X-48

BYRNE

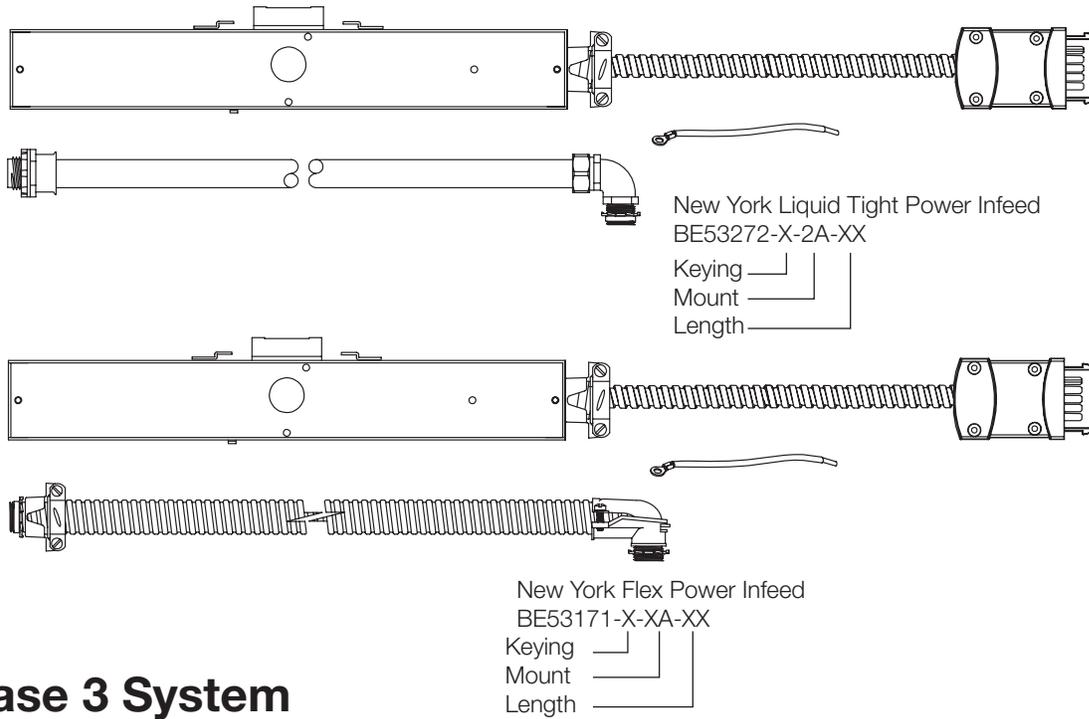
Phase 3 System

Power In-feed



Phase 3 System

Power In-feed for New York



Phase 3 System

Corded Power Entry

One Circuit
Requires 20 Amp duplex outlet
UL 1286 Recognized only

