

FAQs

- Q. Will any DIN rail device fit the Wohner busbar system?  
 A. The Wohner bus system is designed to work with most popular IEC device mfrs with either dedicated adapter modules universal DIN device adapters.
- Q. Will Wohner components fit other busbar?  
 A. No.
- Q. Is the Busbar system and components CSA approved?  
 A. All components are either cULus or CSA approved.
- Q. Can the busbar be used to feed other busbar?  
 A. Yes, the busbar can be 'daisy chained' with other busbar modules using the connection modules.
- Q. What is the highest voltage rating?  
 A. 600Vac (690VAC to IEC)
- Q. Can the busbar system be used on lower voltages?  
 A. Yes, 600V is a maximum rating. It can be used on any voltage less than this. For DC or single phase systems, only the required bus phases are utilized. However, all three busbars must be used for mechanical reasons.
- Q. What is the largest amp rating available?  
 A. The standard busbar system is available up to 1800A
- Q. Do you need any tools to build the system?  
 A. Other than assembling the busbar supports and mounting the completed busbar into the enclosure, most components (other than large MCB and feeder adapters) are snap-in.
- Q. Is the Wohner system cheaper than conventional panel building methods?  
 A. When the cost of eliminated materials (cable, splitter blocks, DIN rail, wiring duct) and labor saving is considered, the busbar system becomes cost effective at about 6 DIN rail mount devices.
- Q. Can my panels be made smaller with the Wohner busbar system?  
 A. Yes. Because many of the devices that would normally be mounted on separate DIN rail are now mounted directly on the bus, the space dedicated to these devices, as well as any associated supply wiring can be eliminated.

Other Wohner products.

Midget and Class CC DIN rail mount fuseholders  
 Class J DIN rail mount fuseholders 30A and 60A  
 Class J fuseblocks with cover 100A, 200A, 400A.

Available from:



Head Office

599 Norris Court  
 Kingston, On. K7P2R9

Toll Free T: 800-479-3875  
 Toll free F: 800-866-7690  
 Intl T: 613-384-4144  
 Intl F: 613-384-0167  
 E: info@fusetek.com  
 W: www.fusetek.com



# WOHNER BUSBAR SYSTEM





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## Efficient Power Distribution



The Wöhner 60mm system is a modular busbar system that allows an unprecedented degree of design flexibility.

The 60mm busbar centers allow large ampacities to be distributed in a very compact space while maintaining high short circuit current ratings (SCCRs). The modular, snap-together design serves as a platform for most typical panel components.

This ease and flexibility greatly simplifies panel design and building.

### Typical applications

Motor control – Contactors, MCPs, fuseholders, breakers or any device that would normally be mounted on standard DIN rail can be mounted directly on the bus system, eliminating the associated wiring and components necessary to feed these devices. Busbar modules are available to accommodate most DIN rail devices.

Splitters – need big splitters? We can supply modular bus up to 1800A with any number and size of outgoing connections.

Switchgear. Modular bus systems distribute power up to 3200A – all without drilling or tapping.

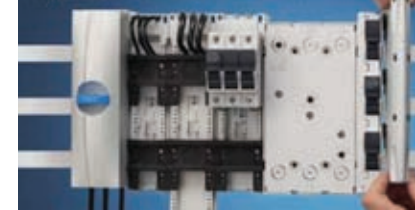
### Advantages of Wöhner Busbar systems

- Reduce your enclosure size. Compact footprint uses 25% less panel space
- Reduce labor costs – can reduce panel wiring up to 40%.
- Reduce component costs. Typically, this system replaces most of the supply side components such as splitters, cables, wiring duct, lugs, ect...
- Busbar can be mounted horizontally or vertically for increased flexibility.
- Easy for you or your customer to add or change components both in the shop and in the field.
- Increased safety. Correct supply side connections are automatic. Finished system is deadfront to IP20 requirements.
- Systems available from 150A to 1800A. Lengths up to 2.4m (7.8ft) without splices.
- Distribution bus systems available up to 3200A with associated pressure connectors and flexible laminated bus options.
- Separate 1P ground bus modular system.
- No drilling or tapping for connections.

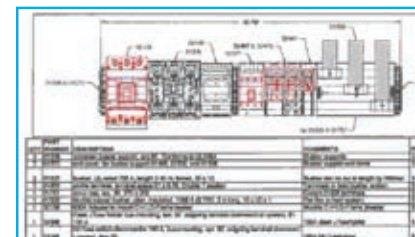
## Safety and simplicity in mind

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Fast secure electrical and mechanical connections



Simply snap on adapters to add components



### Efficient Modular Design

- Uses 25% less panel space
- Electrical and mechanical connections are completed in one step.
- Layout can be changed at any time.
- More Flexible connection options

### Snap-in Ease of Use

- No tools required to connect most components
- No drilling or tapping required
- Reduces labor content by up to 40%
- Field maintenance is faster and safer

### Available components (for complete listing request Wöhner catalogue)

- Adapters for Mfr specific motor starters/protectors
- Adapters for Mfr specific circuit breaker manufacturers
- Universal adapter for generic DIN rail devices
- Direct busmount 3P midget and Class CC holders
- Direct busmount for 30/60/100/200/400A Class J fuseholders
- Cable lugs and connector modules from #16AWG – 600MCM
- Shrouds and covers for blank bus sections.

### What you need to get going

Tell us about your system requirements. We can provide a 2D CAD layout, bill of materials and a quotation for your system. Please allow 48 hours for return.

### General Specifications:

Voltage Rating: 600VAC (N.A.) 690VAC (IEC)  
 Amp Rating: Busbar dependant 150 - 1800A in 7 sizes  
 SCCR rating: Unprotected - 18-30kA  
 MCB protected - 25-65kA  
 Fuse protected - 100kA  
 Touch Protection: IP20

### Approvals:

Rigid Busbar & related components  
 cULus listed to CSA22.2 no. 14  
 UL 508 (file E123577)  
 Flexible Busbar  
 cRU listed to CSA 22.2 no. 29 & 244  
 UL67 & 891 (file E197039)

Note: SCCR ratings (other than fuse protected) are dependant on busbar support spacings and profile of busbar.