

BUSBAR SYSTEM OVERVIEW



INDUSTRY STANDARDS

Fuseholders:

UL 4248 Listed; File No. E230163 and E342576
cUL Listed per CSA C22.2 No. 39; File No. E230163

CSA Certified

Busbar Components:

UL 508 Listed; File No. E123577
cUL Listed per CSA C22.2 No. 14; File No. E123577

CE

APPLICATION

Busbar systems distribute power throughout a panel by enabling components to be mounted onto adapters that snap onto three copper bars attached to end supports connected to the back panel. Establishing an electrical connection and mechanically fastening in one step, this design reduces wiring time by up to 40 percent and allows power to be easily distributed to multiple components while being touch-safe rated to IP20. In addition, busbar systems utilize pre-wired adapters and sliding DIN rails, enabling components to be placed closer together while reducing the raceway and bending radius space required. With this arrangement, the 60-mm Busbar System consumes up to 25 percent less panel space than traditional wiring.

- Distributes 3-phase power, up to 690 V, coming from a main breaker or fuse block; can also be used for single-phase or DC power applications
- Convenient solution for delivering power throughout panels containing smaller devices and fed by a 100 A or higher main breaker
- Provides direct mounting solutions for major component manufacturers (ABB, Allen-Bradley, Eaton, General Electric, Siemens, Schneider Electric)

Drawings can be found on www.pentairprotect.com

Technical information and support can be found on Wöhner's website at www.woehner.de/en

Remove the "HB" prefix from Hoffman's catalog numbers to find the comparable Wöhner part numbers.

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FEATURES

- The 60-mm on-center distance of the busbars minimizes the overall footprint, allowing large ampacities to be distributed in a small space
- Ampacity range of 0–2000 A covers most key applications
- Reduces panel wiring time by up to 40 percent versus conventional wiring
- Electrical and mechanical connections are completed in one step
- The design and layout are efficient and can be changed at any time; innovative terminal solutions connect wires directly to the busbar system; no drilling or tapping is required
- Requires up to 25 percent less panel space than conventional wiring by eliminating some raceway and reducing bending radius space
- Provides the highest standard of safety; designed to be touch-safe to IP20
- Snap-together design makes planning, project design and installation easy; fuse bases and fuse switch disconnectors are simply "clicked" onto the busbars
- Application versatility reduces inventory requirements
- Adapts to most cabinets and enclosures; position busbars vertically or horizontally anywhere within grid dimensions for optimum use of space
- Add components easily to extend the panel; number of connections is minimized
- Shielded connections reduce arc flash danger

SPECIFICATIONS

- Busbar is constructed of tinned copper for superior corrosion resistance

ORDERING

For assistance with layouts, drawings and specifying a busbar system, contact Hoffman Customer Service at 763 422 2211.

MCCB MOUNTING REFERENCE

MCCB Mounting Reference All major manufacturers

Manufacturer	Model	Connection	Dimensions	Rated Current	Adapter	UL508	cUL	CSA
ABB	MS49x	Top	200 x 72	100A	HB32981	•	•	
	T-max 1	Top	200 x 90	160A	HB32575	•	•	•
	T-max 2	Top	200 x 90	160A	HB32575	•	•	•
	xT1	Top	200 x 90	160A	HB32018	•	•	
	xT1	Bottom	200 x 90	160A	HB32020	•	•	
	xT2	Top	200 x 90	160A	HB32018	•	•	
	xT2	Bottom	200 x 90	160A	HB32020	•	•	
	xT4	Top/Bottom	192 x 105	250A	HB32023	•	•	
	T-max 4	Top/Bottom	240 x 105	290A	HB32601	•	•	
	T-max 5	Top/Bottom	300 x 140	580A	HB32593	•	•	
	140-CMN	Top	200 x 90	580A	HB32549	•	•	•
	140G-G	Top	200 x 90	580A	HB32018	•	•	
Allen-Bradley	140G-G	Bottom	200 x 90	580A	HB32020	•	•	
	140G-H	Top	200 x 90	580A	HB32018	•	•	
	140G-H	Bottom	200 x 90	580A	HB32020	•	•	
	140G-J	Top/Bottom	192 x 105	250A	HB32023	•	•	
	140G-K	Top/Bottom	300 x 140	400A	HB32593	•	•	
	EG-Frame	Top	200 x 90	160A	HB32577	•	•	•
	EG-Frame	Bottom	200 x 90	160A	HB32571			
	NZM1	Top	200 x 90	160A	HB32570	•	•	•
	JG-Frame	Top/Bottom	192 x 106	250A	HB32137	•	•	•
	NZM2-KKR4	Top/Bottom	200 x 106	250A	HB32140	•	•	•
	K-Frame	Top/Bottom	272 x 140	600A	HB32138	•	•	•
	LG-Frame	Top	272 x 140	600A	HB32138	•	•	•
Eaton	NZM3-KKR130	Top	300 x 140	630A	HB32978	•	•	
	FD160	Top	200 x 90	160A	HB32978	•	•	•
GE	FE250	Top/Bottom	192 x 106	250A	HB32156	•	•	•
	NF250	Top	240 x 105	250A	HB32592	•	•	
Mitsubishi	NS80, NSX80	Top	200 x 90	160A	HB32575	•	•	•
	H-Frame	Top/Bottom	192 x 106	250A	HB32600			
	J-Frame	Top/Bottom	192 x 106	250A	HB32156	•	•	•
	NS100	Top/Bottom	192 x 106	250A	HB32156	•	•	•
	NS250	Top/Bottom	192 x 106	250A	HB32156	•	•	•
	D-Frame	Top/Bottom	272 x 140	570A	HB32157	•	•	•
	L-Frame	Top/Bottom	272 x 140	570A	HB32157	•	•	•
	NS400	Top/Bottom	272 x 140	570A	HB32157	•	•	•
	NS630	Top/Bottom	272 x 140	570A	HB32157	•	•	•
	3RV104	Top	200 x 72	100A	HB32981	•	•	
	S3	Top	200 x 72	100A	HB32981	•	•	
	3VL1/CG	Top/Bottom	192 x 106	160A	HB32976	•	•	•
Siemens	3VL2/DG	Top/Bottom	192 x 106	250A	HB32977	•	•	•
	3VL3/FG	Top/Bottom	192 x 106	250A	HB32977	•	•	•
	3VL4/JG	Top/Bottom	192 x 106	400A	HB32975	•	•	•
	XS250	Top	240 x 105	250A	HB32592	•	•	
Terasaki								

SUPPORT SPACING AND SHORT CIRCUIT CURRENT RATING (SCCR) VALUES - HB0508, HB01508

Consult Hoffman for HB01231 and HB01232 support spacing and SCCR values.

Circuit Breaker Protected System (Any DIVQ/7)

Busbar, cross section	Max. CB Rating	SCCR	Max. support spacing ^a
480VAC			
HB01618 (12x5 mm)	250 A	65 kA	800 mm ^a
HB01620 (20x5 mm)	400 A	65 kA	800 mm ^a
HB01622 (30x5 mm)	400 A	65 kA	800 mm
HB01625 (30x10 mm)	400 A	65 kA	800 mm
HB01625 (30x10 mm)	600 A	50 kA	800 mm
HB01623 (12x10mm)	250 A	65 kA	800 mm
HB01624 (20x10 mm)	400 A	65 kA	800 mm
600VAC			
HB01618 (12x5 mm)	250 A	25 kA	800 mm ^a
HB01620 (20x5 mm)	400 A	35 kA	800 mm ^a
HB01622 (30x5 mm)	600 A	32 kA	800 mm
HB01625 (30x10 mm)	400 A	35 kA	800 mm
HB01625 (30x10 mm)	600 A	25 kA	800 mm
HB01623 (12x10 mm)	250 A - RKI	25 kA	800 mm
HB01624 (20x10 mm)	400A - RKI	35 kA	800 mm

^aConsideration should be made for mechanical support of the devices mounted to the busbar system.

Fuse Protected System

Busbar, cross section	Max. Fuse Rating	SCCR	Max. support spacing ^a
480VAC			
HB01618 (12x5 mm)	400 A - J, T, RK1	100 kA	800 mm ^a
HB01620 (20x5 mm)	400 A - RK1	100 kA	800 mm ^a
HB01620 (20x5 mm)	500 A - J, T	100 kA	800 mm ^a
HB01622 (30x5 mm)	400 A - RK1	100 kA	800 mm
HB01622 (30x5 mm)	500 A - J, T	100 kA	800 mm
HB01625 (30x10 mm)	400 A - RK1	100 kA	800 mm
HB01625 (30x10 mm)	600 A - J, T	100 kA	800 mm
HB01623 (12x10mm)	400 A - J, T, RK1	100 kA	800 mm
HB01624 (20x10 mm)	400 A - RK1	100 kA	800 mm
HB01624 (20x10 mm)	500 A - J, T	100 kA	800 mm
600VAC			
HB01618 (12x5 mm)	100 A - RK1	100 kA	800 mm ^a
HB01618 (12x5 mm)	175 A - J, T	100 kA	800 mm ^a
HB01620 (20x5 mm)	200 A - RK1	100 kA	800 mm ^a
HB01620 (20x5 mm)	400 A - J, T	100 kA	800 mm ^a
HB01622 (30x5 mm)	400 A - RK1	100 kA	800 mm
HB01622 (30x5 mm)	500 A - J, T	100 kA	800 mm
HB01625 (30x10 mm)	400 A - RK1	100 kA	800 mm
HB01625 (30x10 mm)	450 A - J, T	100 kA	800 mm
HB01623 (12x10mm)	100 A - RK1	100 kA	800 mm
HB01623 (12x10mm)	175 A - J, T	100 kA	800 mm
HB01624 (20x10 mm)	200 A - RK1	100 kA	800 mm
HB01624 (20x10 mm)	450 A - J, T	100 kA	800 mm

^aConsideration should be made for mechanical support of the devices mounted to the busbar system.

Unprotected System

Busbar, cross section	Max. Rating	SCCR	Max. support spacing ^a
HB01618 (12x5 mm)	150 A, 600 VAC	18 kA	400 mm ^a
HB01620 (20x5 mm)	362 A, 600 VAC	18 kA	400 mm ^a
HB01622 (30x5 mm)	500 A, 600 VAC	22 kA	400 mm
HB01622 (30x5 mm)	500 A, 600 VAC	25 kA	250 mm
HB01623 (12x10 mm)	150 A, 600 VAC	18 kA	400 mm
HB01624 (20x10 mm)	300 A, 600 VAC	18 kA	400 mm
HB01625 (30x10 mm)	756 A, 600 VAC	22 kA	400 mm
HB01625 (30x10 mm)	756 A, 600 VAC	25 kA	250 mm

^aConsideration should be made for mechanical support of the devices mounted to the busbar system.

END SUPPORT KIT



UL BUSBAR SUPPORT AND END COVER



UL Busbar Support and End Cover holds the rigid copper busbars that span the enclosure width or height in place. Systems can be mounted either horizontally or vertically. These supports provide critical bracing against the forces exerted upon the busbar structure in the event of a short circuit condition. While typically mounted to the backpanel of the enclosure, these supports can also be mounted on the frame or support structure of a modular PROLINE enclosure system. Each support can be adjusted to accommodate all six rectangular standard sizes of rigid copper busbar.

This will be the first part of any system bill of material utilizing rectangular busbar between 12 x 5 - 30 x 10.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL
HB0508	Contains 2 busbar supports (HB01508) and 2 end covers (HB01573)	1 kit	•	•

End Cover insulates the ends of the three rigid copper busbars installed in the busbar support.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA	cURus
HB01508	For busbars 12, 20, 30 x 5, 10, 3-pole with internal screw holes	1	•	•	•	
HB01358	Spacer fits under HB01058	1	•	•		
HB01357	For busbars 12, 20, 30 x 5, 10, 4-pole with internal screw holes	1	•	•		
HB01359	Spacer fits under HB01357	1	•	•		
HB01573	End cover for busbar supports HB01508, HB01484	2	•	•	•	
HB01131	End cover for busbar supports HB01357	2	•		•	•

BASE PLATE



Serves as an insulator between the current-carrying parts of the busbar structure and adaptor components and the metallic backpanel of the enclosure. This component is required to satisfy UL508 requirements for 2-in. over surface and 1-in. through-the-air arcing distances defined under the UL standard.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01518	For UL Busbar Support HB01508, HB01231, HB01232, 240 x 1100	1	•	•	•
HB01515	For UL Busbar Support HB01508, HB01231, HB01232, 240 x 700	1	•	•	•

HB01231 and HB01232 do not require base plate for UL approval.

EARTH/NEUTRAL BUSBAR SUPPORTS

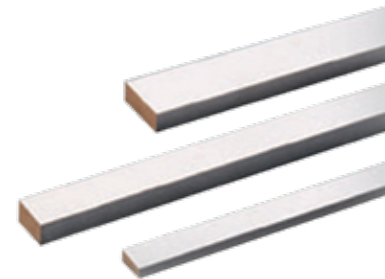


These busbar supports can be used for grounding purposes.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01601	For busbars 12, 20, 30 x 5/10 1-pole for mounting individually. Includes earth and neutral labels.	1	•	•	
HB01356	For busbars 12, 15, 20, 25, 30 x 5, 10, 2-pole individually mountable, includes earth and neutral labels	1	•	•	

STANDARD COPPER BUSBAR



Manufactured to strict engineering tolerances for the 60-mm busbar system, all busbars are tin-plated copper for superior corrosion resistance in harsh environments.

BULLETIN: HB1

Catalog Number	Description (mm)	Length (m)	UL Current Capacity (max.)	IEC Current Capacity (max.)	Qty. ^a	UL508	cUL	CSA
HB0161812	12 x 5	1.2	150 A	250 A	3 bar	•	•	•
HB01618	12 x 5	2.4	150 A	250 A	3 bar	•	•	•
HB0162012	20 x 5	1.2	362 A	400 A	3 bar	•	•	•
HB01620	20 x 5	2.4	362 A	400 A	3 bar	•	•	•
HB0162212	30 x 5	1.2	500 A	550 A	3 bar	•	•	•
HB01622	30 x 5	2.4	500 A	550 A	3 bar	•	•	•
HB0162312	12 x 10	1.2	300A	450A	3 bar	•	•	•
HB01623	12 x 10	2.4	300A	450A	3 bar	•	•	•
HB0162412	20 x 10	1.2	564A	630A	3 bar	•	•	•
HB01624	20 x 10	2.4	564A	630A	3 bar	•	•	•
HB0162512	30 x 10	1.2	756 A	800 A	3 bar	•	•	•
HB01625	30 x 10	2.4	756 A	800 A	3 bar	•	•	•
HBCUCUT	---	Custom	---	---	3 bar			

^aTo order models in qty. 1, use catalog number with HBB prefix and omit the 0 at front (i.e. HBB161812, HBB1623)

STANDARD COPPER BUSBAR, FOR DOUBLE-T AND TRIPLE-T SECTIONS



Use in higher-current applications between 756 A and 2,000 A (please contact Hoffman regarding how to achieve 4,000 A). The outer-most section of these symmetrical profile busbars are 30 x 10 mm. All 60-mm system components can be mounted on systems using this busbar structure.

BULLETIN: HB1

Catalog Number	Description	Length (mm) ^a	Cross section (mm ²)	UL Current Capacity (max.)	IEC Current Capacity (max.)	Qty.	UL508	cUL	CSA
HB01609	Double-T busbar section, tin plated	2400	500	1200 A	1250 A	1	•	•	•
HB01608	Double-T busbar section, tin plated	2400	720	1400 A	1600 A	1	•	•	•
HB01187	Triple-T busbar section, tin plated	2400	1140	1800 A ^b	2500 A	1	•	•	•

^aShorter lengths available on request.

^bUp to 2000 A within 800 mm of the power connection for HB01187

BUSBAR SUPPORT, FOR DOUBLE-T SECTIONS



This busbar support is suitable for both the 500-mm² and 720-mm² Double-T profiles. Use to fasten the busbars to a backpanel or modular enclosure system structure. The supports also serve as bracing against the forces present during short circuit conditions.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01116	1-pole without end cover, for connection to HB01231 and individually mountable	1	•	•	
HB01231	3-pole without end cover, with internal screw holes	2	•	•	•

BUSBAR SUPPORT, FOR TRIPLE-T SECTIONS

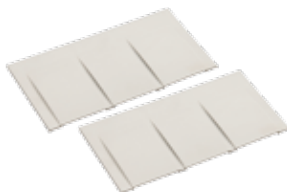


Suitable for the 1140-mm² Triple-T profile. Use to fasten the busbars to a backpanel or modular enclosure system structure. The supports also serve as bracing against the forces present during short circuit conditions.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01132	1-pole without end cover, for connection to HB01232 and individually mountable	1	•	•	
HB01232	3-pole without end cover, with internal screw holes	2	•	•	•

END COVER, FOR DOUBLE-T AND TRIPLE-T SECTIONS

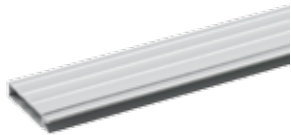


Insulates the ends of three rigid copper busbars installed in the HB01231 and HB01232.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01234	End cover for busbar supports HB01231 and HB01232	2	•	•	•

BUSBAR COVER, FOR INDIVIDUAL BUSBARS



Plastic cover for standard busbar, 12 - 30 x 5 - 10, as well as double-T and triple-T profile busbars. Provides touchsafe security while covering unused sections of busbar that can be uncovered during future system expansion.

BULLETIN: HB2

RESERVE SECTION COVER, 3-POLE, FOR SYSTEMS WITH 12-30 X 5, 10MM BUSBARS, DOUBLE-T AND TRIPLE-T SECTION



SYSTEM COVER, 3-POLE OR 4-POLE, FOR SYSTEMS WITH 12-30 X 5, 10MM BUSBARS, DOUBLE-T AND TRIPLE-T SECTION



COVER CAP, 3-POLE OR 4-POLE



Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01244	For 12 - 30 x 5 mm busbar	2	•	•	•
HB01245	For 12 - 30 x 10 busbar	2	•	•	•
HB01252	1M long, for double-T and triple-T section	1	•	•	•

Use to provide touchsafe protection of all three bars of a 60-mm system. Mounts on a set of plastic brackets that clip directly to the busbar of your system.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01025	Section cover 700 x 195	1	•	•	•
HB01026	Mount, for cover section HB01025, 9 x 196 x 32	2	•	•	•
HB01320	Mount, for cover section HB01025, HB0123612, HB0123712, HB0123812, 9 x 196 x 107	2	•	•	•

The combination of these components provides touchsafe protection over connection sets and terminals that mount on the face of the busbar system. System cover provides space underneath to accommodate these mounted components. Components need to be cut to appropriate length.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB01136	Holder set (left + right) for cover sections, 3-pole, for HB01554 and HB01555	1	•	•	•
HB01554	Compartment section, front, 3-pole, 3 x 190 x 1100	1	•	•	•
HB01137	Holder set (left + right) for cover sections, 4-pole, for HB01599 and HB01555	1	•	•	•
HB01599	Compartment section, front, 4-pole, 3 x 250 x 1100	1	•	•	•
HB01555	Cover section, top/bottom, 3 x 118 x 1100	1	•	•	•

Can also be used as reserve section cover. Use to cover most connection sets.

BULLETIN: HB2

Catalog Number	Description	W x H x D (mm)	Qty.	UL508	cUL	CSA	cURus
HB01590	3-pole, for 12-30 x 5,10 busbars, double-T and triple-T sections	54 x 200 x 55	1	•		•	•
HB01413	3-pole, for 12-30 x 5,10 busbars, double-T and triple-T sections	84 x 200 x 55	1	•		•	•
HB01756	3-pole, for 20-30 x 5,10 busbars, double-T and triple-T sections	135 x 200 x 90	1	•	•	•	
HB01540	3-pole, for 12-30 x 5,10 busbars, double-T and triple-T sections	180 x 200 x 90	1	•	•	•	
HB01539	3-pole, for 12-30 x 5,10 busbars, double-T and triple-T sections	228 x 200 x 90	1	•	•	•	
HB01596	3-pole, for 12-30 x 5,10 busbars, double-T and triple-T sections	250 x 200 x 90	1	•	•	•	
HB01757	3-pole, for 20-30 x 5,10 busbars, double-T and triple-T section	270 x 200 x 90	1	•	•	•	
HB01597	4-pole, for 12-30 x 5,10 busbars, double-T and triple-T section	228 x 260 x 90	1	•	•	•	

COMPARTMENT SECTION, FOR ADJUSTING INSTALLATION DEPTH IN DOUBLE-T AND TRIPLE-T BUSBAR SYSTEMS



Provides additional depth to system covers and reserve section covers that are mounted on Double-T and Triple-T profile busbars. Sold in 1200-mm sections, they can be cut to length and mounted to the support structure. Provide additional touchsafe protection and prevent personnel from reaching behind the 3-pole covers where they might come in contact with a live component.

BULLETIN: HB2

Catalog Number	Description	Length (mm)	Depth (mm)	Qty.
HB0123612	Compartment section, 1200 x 48	1200	48	1
HB0123712	Compartment section, 1200 x 76	1200	76	1
HB0123812	Compartment section, 1200 x 106	1200	106	1

CRITO® PROFILINER CONNECTION MODULE



At 20-mm wide, this cage-clamp device is the narrowest connection method available. Use to feed or draw up to 48 A (UL) or 80 A (IEC) of power.

CRITO ProfiLiner is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description	W x H x D	UL Current Capacity (max.)	IEC Current Capacity (max.)	Qty.	UL508	cUL
HB01563	3-pole with spring terminals AWG 14 - 6, for 12-30 x 5,10 busbars, double-T and triple-T section	20 x 200 x 91 mm	48 A	80 A	1	•	•

CONNECTING TERMINAL PLATE, 3-POLE



Use to connect round conductors or flat flexible conductors to the busbar system and to feed or draw power to, from or between lengths of busbar. Each terminal plate comes with a cover cap providing finger-safe protection.

BULLETIN: HB2

Catalog Number	Description	W x H x D (mm)	UL Current Capacity (max.)	Current Capacity (max.)	Qty.	UL508	cUL	CSA
HB01240	AWG 10 - AWG 2/0, flexible cables, directly or with wire-end ferrule, stranded round cables la. Cu 7x4 - 9x6, for 12 x 5 - 30 x 10 busbars and double-T and triple-T connections	54 x 200 x 84	175A	300 A	1	•	•	•
HB01243	AWG 6 - MCM 250, flexible cables, directly or with wire-end ferrule, stranded round cables, la. Cu 12x4 - 15,5x10, for 12 x 5 - 30 x 10 busbars and double-T and triple-T connections	81 x 200 x 84	255A	440 A	1	•	•	•

CONNECTION SET, 3-POLE OR 4-POLE, WITHOUT COVER



Modular design allows phase connections to be spread out along the busbar structure. Each phase conductor can be run parallel from the upstream or downstream device. These connection sets do not come with a cover cap – use Cover Cap or System Cover to gain finger-safe protection.

BULLETIN: HB2

Catalog Number	Description	W x H x D (mm)	UL Current Capacity (max.)	Current Capacity (max.)	Qty.	UL508	cUL	CSA
HB01537	3-pole, Cu cables Class B acc. to UL 486E, 95 - 300 mm ² / AWG 3/0 - MCM 600, for 20 x 5 - 30 x 10 and double-T and triple-T section*	153 x 184 x 115	560A	560 A	1	•	•	•
HB01538	3-pole, for flat busbars up to 32 x 20mm	153 x 184 x 115		800 A	1	•	•	•
HB01147	4-pole, Cu cables Class B acc. to UL 486E, 95 - 300 mm ² / AWG 3/0 - MCM 600, for 20 x 5 - 30 x 10 and double-T and triple-T section*	204 x 224 x 115	420A	560 A	1	•	•	•
HB01162	4-pole, for flat busbars up to 32 x 20mm	204 x 224 x 115		800 A	1	•	•	•

* Not maintenance-free when aluminum conductors are used.

UNIVERSAL CONDUCTOR TERMINAL



Terminals for round American Wire Gauge (AWG) conductor are used to either supply power to or draw power from the busbar system. These parts must match the thickness of the busbar being applied in your system. Cover caps are sold separately. Sold in sets of three terminals.

BULLETIN: HB2

Catalog Number	Description	Connection AWG (min.-max.)	Terminal Space H x W (mm)	Current Capacity (max.)	Qty.	UL508	cURus	CSA
HB01284	5-mm flat busbars	16-6	7.5 x 7.5	180 A	3	•	•	•
HB01285	5-mm flat busbars	12-2	10.5 x 11	270 A	3	•	•	•
HB01287	5-mm flat busbars	6-2/0	14 x 14	400 A	3	•	•	•
HB01068	5-mm flat busbars	6-250 MCM	17 x 15	440 A	3	•	•	•
HB01289	10-mm flat busbars	16-6	7.5 x 7.5	180 A	3	•	•	•
HB01290	10-mm flat busbars	12-2	10.5 x 11	270 A	3	•	•	•
HB01292	10-mm Double-T and Triple-T busbar sections	6-2/0	14 x 14	400 A	3	•	•	•
HB01203	10-mm Double-T and Triple-T busbar sections	6-250 MCM	17 x 15	440 A	3	•	•	•

Meets UL508 when properly installed.

CRITO® PROFICLIP, BRACE TERMINALS



CRITO ProfiClip is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description	Current	Qty.	UL508	cUL	CSA
HB01135	For busbars 12-20 x 5-10, Cu cables Class B acc. to UL 486E, 35 - 150 mm ² / AWG 2 - MCM 300*	480 A	1	•	•	•
HB01319	For busbars 20 x 5 - 30 x 10, double-T and triple-T sections, flat busbar up to 30 x 20 mm	750 A	3	•	•	•
HB01318	For busbars 20 x 5 - 30 x 10, double-T and triple-T sections, Cu cables Class B acc. to UL 486E, 95 - 185 mm ² / AWG 3/0 - MCM 350*	500 A	3	•	•	•
HB01759	For busbars 20 x 5 - 30 x 10, double-T and triple-T sections, flat busbar up to 30 x 20 mm	800 A	3	•	•	•
HB01760	For busbars 20 x 5 - 30 x 10, double-T and triple-T sections, Cu cables Class B acc. to UL 486E, 95 - 300 mm ² / AWG 3/0 - MCM 600*	600 A	3	•	•	•

*Not maintenance-free if aluminum conductors are used

Meets UL508 when properly installed.

PROFILE TERMINAL, FOR DOUBLE-T BUSBAR SECTIONS



Terminals for flat busbars and flexible copper busbars used to either supply power to or draw power from the busbar system. Cover caps are sold separately. Sold in sets of three terminals.

BULLETIN: HB2

Catalog Number	Description	Connection Cross Section (sq. mm)	Terminal Space W x H (mm)	Side Supply (max.)	Center Supply (max.)	Qty.	UL508	cURus	CSA
HB01185	For connecting flat busbars and flexible copper busbars	320-800	41 x 20 - 42	1600 A	1600 A	3	•	•	•
HB01906	For connecting flat busbars and flexible copper busbars	500-750	51 x 5 - 28	1600 A	1600 A	3	•	•	•
HB01907	For connecting flat busbars and flexible copper busbars	600-900	64 x 5 - 28	1600 A	1600 A	3	•	•	•
HB01936	For connecting flat busbars and flexible copper busbars	500-1000	51 x 20 - 42	1600 A	2000A	3	•	•	•
HB01911	For connecting flat busbars and flexible copper busbars	600-1200	64 x 20 - 42	1600 A	2000A	3	•	•	•
HB01934	For connecting flat busbars and flexible copper busbars	800-1600	81 x 20 - 42	1600 A	2500A	3	•	•	•
HB01935	For connecting flat busbars and flexible copper busbars	1000-2000	101 x 20 - 42	1600 A	2500A	3	•	•	•

PROFILE TERMINAL, FOR TRIPLE-T BUSBAR SECTIONS



Terminals for flat busbars and flexible copper busbars used to either supply power to or draw power from the busbar system. Cover caps are sold separately. Sold in sets of three terminals.

BULLETIN: HB2

Catalog Number	Description	Connection Cross Section (mm)	Terminal Space W x H (mm)	Side Supply (max)	Center Supply (max)	Qty.	UL508	cURus	CSA
HB01513	For connecting flat busbars and flexible copper busbars	320-860	41 x 23 - 45	1600 A	1600 A	3	•	•	•
HB01008	For connecting flat busbars and flexible copper busbars	500-1260	64 x 23 - 45	2000 A	2500 A	3	•	•	•
HB01186	For connecting flat busbars and flexible copper busbars	1200-3600	101 x 23 - 45	3200 A	3200 A	3	•	•	•

BUSBAR CONNECTOR, FOR SAME-SIZE BUSBARS



Use to extend busbar lengths or to install a shipping split in a modular enclosure assembly. Three units required for a 3-pole section. Use HB01026 or HB01320 and HB01025 as a cover.

BULLETIN: HB2

Catalog Number	Description	Length (mm)	System Spacing (mm)	Current Capacity (max.)	Qty.	UL508*	cULus
HB01166	12 - 20 X 5 / 10	55	5 - 10	630 A	3	•	
HB01193	12 - 20 X 5 / 10	150	100 - 110	630 A	3	•	
HB01990	20 - 30 X 5 / 10	40	9 - 20	630 A	3	•	•
HB01823	20 - 30 X 5 / 10	40	13 - 20	630 A	3	•	•
HB01141	20 - 30 X 5 / 10	95	50 - 60	630 A	3	•	•
HB01886	20 - 30 X 5 / 10	150	100 - 110	630 A	3	•	•
HB01827	Double-T Section	50	9 - 20	1600 A	3	•	•
HB01145	Double-T Section	95	50 - 60	1600 A	3	•	•
HB01829	Double-T Section	150	100 - 110	1600 A	3	•	•
HB01274	Triple-T Section	95	50 - 60	2500 A	3	•	•
HB01275	Triple-T Section	150	100 - 110	2500 A	3	•	•

* Meets UL508 requirements when phase separators are installed.

PHASE SEPARATORS, FOR UL INSTALLATION OF END-TO-END BUSBAR CONNECTION, 3-POLE



Satisfy the through-air arcing distances of the UL508 standard when using end-to-end busbar connectors, for the same-size busbars.

BULLETIN: HB2

Catalog Number	Width (mm)	For Use With	Qty.	UL508	cULus
HB01360	105	HB01166, HB01990, HB01823, HB01827	1	•	•
HB01361	145	HB01141, HB01145, HB01274	1	•	•
HB01362	200	HB01193, HB01886, HB01829, HB01275	1	•	•

MOTUS® CONTACTRONCONTROL, HYBRID MOTOR STARTER FOR 60MM SYSTEM CLASSIC



MOTUS® ContactronControl hybrid motor starter with reversing function and CrossLink Technology offers system designers space and labor savings by making up to 75% more space available on a busbar system compared to conventional starter combinations. It delivers versatile, reliable and long-lasting motor control with a product lifespan 10 times longer than conventional contactors. *MOTUS® ContactronControl is a trademark of Wöhner GmbH & Co. KG*

BULLETIN: HB2

Catalog Number	Description	Width (mm)	Rated Current/ Rated Voltage	Qty.	UL508	cULus
HB36102	Version 0.075 - 0.6A	22.5	0.6A/500V	1	•	•
HB36105	Version 0.18 - 2.4A	22.5	2.4A/500V	1	•	•
HB36108	Version 1.5 - 9.0A	22.5	9A/500V	1	•	•

EARTH/NEUTRAL ADAPTER MODULE, WITH 6 AWG TERMINALS, TOP AND BOTTOM

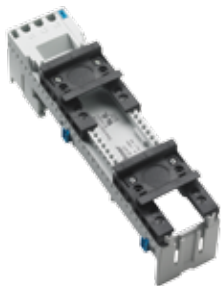


Earth or neutral terminal connection for the busbar system. Only use with EQUES adapter, can be connected on both sides.

BULLETIN: HB2

Catalog Number	Mounting Rail	Adapter W x L (mm)	Current	Leads	Qty.	UL508	cULus
HB32146	---	18 x 242	---	---	1	•	•

EQUES® EASYCONNECTOR EMPTY, BUSBAR ADAPTOR WITHOUT ELECTRICAL CONTACTS



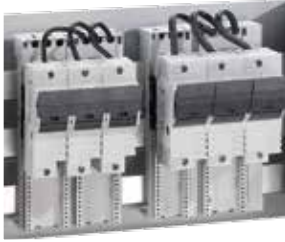
DIN rail adapters for components that have a 35-mm symmetrical DIN rail mounting provision. Available in 45-mm or 54-mm widths and 200-mm or 260-mm heights with one or two DIN rails. Most commonly used to add width to a powered EQUES EasyConnector for reversing contactor applications or to mount other components that are wider than 81 mm. The side-mounted module adds width to any adapter in 9-mm increments and maintains the IP20 fingersafe design of the busbar system.

EQUES EasyConnector is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description	Mounting Rail Qty.	Adapter W x L (mm)	Current	Leads	Qty.	UL508	cUL	CSA
HB32477	2 mounting rails, empty	2	45 x 200	—	—	1	•	•	•
HB32478	2 mounting rails, empty	2	54 x 200	—	—	1	•	•	•
HB32484	2 mounting rails, empty	2	45 x 260	—	—	1	•	•	•
HB32485	2 mounting rails, empty	2	54 x 260	—	—	1	•	•	•
HB32963	Side module, connectable on both sides	—	9 x 200	—	—	1			

AMBUS® J-CARRIER



Busbar mounted 3-pole fuse holder for UL Listed Class J 30 and 60 A ferrule size fuses.

AMBUS J-Carrier is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description (mm)	Width (mm)	Rated Current/ Rated Voltage	Qty.	UL508	cURus	CSA
HB31968	Class J, 21 x 57, with LED	108	30 A / 600 V	1	•	•	•
HB31970	Class J, 27 x 60, with LED	126	60 A / 600 V	1	•	•	•

EQUES® TECHNOLOGY ACCESSORIES



Additional DIN mounting rails and accessories for EQUES EasyConnectors. Connecting elements are used to fasten adjacent EQUES EasyConnectors, 9-mm extenders and mounting rails. *EQUES EasyConnector is a trademark of Wöhner GmbH & Co. KG.*

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL	CSA
HB32947	Mounting rail 45mm	1	•	•	•
HB32948	Mounting rail 54mm	1	•	•	•
HB32949	Mounting rail 63mm	1	•	•	•
HB32950	Mounting rail 72mm	1	•	•	•
HB32951	Mounting rail 81mm	1	•	•	•
HB32954	Connecting element, universal	1	•	•	•
HB32956	Micro switch for EMC	1			
HB32969	Mounting rail end stop	1			
HB32511	8-pole connector w/ support, 250V	1			
HB32513	10-pole connector w/ support, 250V	1			

AMBUS® EASYLINER, BUS-MOUNTING FUSE HOLDER



Busbar-mounted 1-pole and 3-pole fuse holder for UL recognized midget (10 x 38 mm) and UL Listed Class CC fuses. Holders are offered with or without open fuse indication. In indication units, the LED indicator lamp will glow when the fuse is open.

AMBUS EasyLiner is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description	Use with busbars	Rated Current/ Rated Voltage	Width (mm)	Qty.	UL4248	cULus	cURus	CSA	UR
HB31570	1-pole, for fuses 10 x 38 IEC 60269-6	30 x 5/10	30A/1000V DC	22.5	1	•				•
HB31954	3-pole, for fuses 10 x 38 IEC 60269-3	12, 15, 20, 25 and 30 x 5 or 10	32A/690V/600A(UL)	27.0	1	•		•	•	
HB31955	3-pole, for fuses 10 x 38 IEC 60269-3, with LED	12, 15, 20, 25 and 30 x 5 or 10	32A/690V/600A(UL)	27.0	1	•		•	•	
HB31958	3-pole, for fuses Class CC	12, 20, 30 x 5, 10; double-T and triple-T section	30A/600V	27.0	1	•	•		•	
HB31959	3-pole, for fuses Class CC, with LED	12, 20, 30 x 5, 10; double-T and triple-T section	30A/600V	27.0	1	•	•		•	

QUADRON® CROSSLINK CARRIER CLASS J, CONNECTION BOTTOM OR TOP

The QUADRON® CrossLink Carrier Class J fuse holder allows 30, 60, 100 and 200 amp 3-phase fuse holders to be mounted directly to the 60mm classic busbar structure. The cover design provides touch-safety and allows for quick fuse change-out with its integral puller. Easily reversible connection on bottom, top or 3-pole busbar sections.

QUADRON® CrossLink Carrier is a trademark of Wöhner GmbH & Co. KG



BULLETIN: HB2

Catalog Number	Description	Width (mm)	Rated Current/ Rated Voltage	Qty.	UL4248	cURus
HB33421	For Class J, 30A frame size	106	30A/600V	1	•	•
HB33422	For Class J, 60A frame size	106	60A/600V	1	•	•
HB33402	For Class J, 100A frame size	106	100A/600V	1	•	•
HB33403	For Class J, 200A frame size	184	200A/600V	1	•	•

For HB33402 and HB33403, do not use any fuse links with sharp-edged contact blades.

QUADRON® J-CARRIER, CONNECTION BOTTOM OR TOP



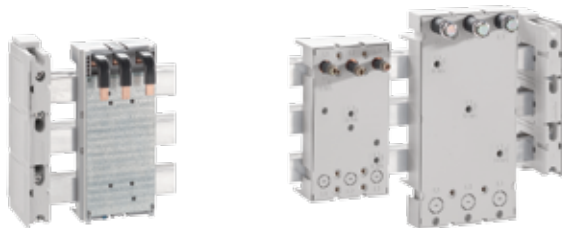
Blade size Class J bus-mounting fuse holders in 400 A frame size. Connection on bottom or top, 3-pole, for 12, 20, 30 x 10 busbars, double-T and triple-T section.

QUADRON J-Carrier is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description (mm)	Width (mm)	Rated Current/ Rated Voltage	Qty.	UL4248/ UL508	cURus	CSA
HB33311	Class J, 54 x 181	256	400 A / 600 V	1	•	•	•

EQUES® POWERCONNECTOR, BUSBAR ADAPTER



Adapters configured specifically for many of the industry's leading molded-case circuit breakers. The hole pattern for the mounting screws, pitch and length of the terminal connections are specific to the breaker they are designed to mount. Can be directly mounted on 12, 15, 20, 25, 30 x 5 and 10 busbars, and section busbars.
EQUES PowerConnector is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Standard Product: 3-Pole

Catalog Number	Description	Rated Current (A)	Adapter W x L (mm)	Qty.	UL508	cUL	CSA
HB32575	For ABB T-max T1 / XT1, T-max T2 / XT2, GE FD160, Schneider EL NS80, NSX80, top connection	160	90 x 200	1	•	•	•
HB32577	For Eaton EG-Frame, top connection	160	90 x 200	1	•	•	•
HB32549	For Allen-Bradley 140-CMN, top connection	160	90 x 200	1	•	•	•
HB32570	For Eaton NZM1, top/bottom connection with CrossLink Technology	160	92 x 200	1	•	•	•
HB32976	For Siemens 3VL1 UL	160	106 x 192	1	•	•	•
HB32601	For ABB T-max T4, Siemens 3RV1, top connection	290	105 x 240	1	•	•	•
HB32137	For Eaton JG-Frame, top/bottom connection	250	106 x 192	1	•	•	•
HB32140	For Eaton NZM2-XKR40 and NZM2-XKR4U	250	106 x 192	1	•	•	•
HB32156	For Schneider Electric NSX100-NSX250, GV7	250	106 x 192	1	•	•	•
HB32977	For Siemens 3VL2, 3VL3 UL	250	108 x 192	1	•	•	•
HB32592	For Terasaki S250-NJ, top connection	250	105 x 240	1	•	•	•
HB32593	For ABB T-max T5 and Allen-Bradley 140G-K	580	140 x 300	1	•	•	•
HB32138	For Eaton K and LG-Frame	600	140 x 272	1	•	•	•
HB32157	For Schneider Electric NS400/630, NSX 400/630	570	140 x 272	1	•	•	•
HB32975	For Siemens 3VL4	400A/540	140 x 295	1	•	•	•
HB32980	For Siemens 3VL5	580	184 x 325	1	•	•	•

Standard Product : 4-Pole **Adapters for busbars 12, 15, 20, 25, 30 x 5, 10, double-T and triple-T section**

Catalog Number	Description	Rated Current (A)	Adapter W x L (mm)	Qty.	UL508	cULus
HB32584	For ABB Tmax T4	250	140 x 270	1	•	•
HB32582	For Schneider Electric NSX100-NSX250	250	140 x 270	1	•	•
HB32580	For Eaton NZM2-XKR40	250	140 x 270	1	•	•
HB32578	For Siemens 3VL2, 3VL3	250	140 x 270	1	•	•
HB32585	For ABB Tmax T5	500A/630	185 x 300	1	•	•
HB32583	For Schneider Electric NS400/630, NSX 400/630	500A/630	185 x 300	1	•	•
HB32581	For Eaton NZM3-XKR130	500A/630	185 x 300	1	•	•
HB32579	For Siemens 3VL400	400A/630	185 x 300	1	•	•

Standard Product : Universal **Adapters for 12 - 30 x 5 - 10 busbars and section busbars**

Catalog Number	Description	Rated Current (A)	Adapter W x L (mm)	Qty.	UL508	cURus	CSA
HB32214	Terminals 70 mm² at top, 3-pole*	200	108 x 222	1	•	•	•
HB32215	Terminals 70 mm² at bottom, 3-pole*	200	108 x 222	1	•	•	•
HB32168	Terminals 95 mm² at top, 3-pole*	250	110 x 320	1	•	•	•
HB32216	Terminals 95 mm² at bottom, 3-pole*	250	110 x 320	1	•	•	•
HB32004	Connection screws M12, top and bottom connection, 3-pole	630	184 x 320	1	•	•	•
HB32937	Slide nut M5 for HB32168, HB32214, HB32215, and HB32216	---	---	1	•	•	•

*For all commercially available switchgear with M4 fixing screw

EQUES® EASYCONNECTOR, BUSBAR ADAPTER, UNIVERSAL



DIN rail adapters for components that have symmetrical DIN rail mounting provision. Additional DIN rails can be added to the adapter. Can be directly mounted on 12, 15, 20, 25, 30 x 5 and 10 busbars, and section busbars.

EQUES EasyConnector is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Standard Product **Universal**

Catalog Number	Description	Mounting Rail qty.	Adapter W x L (mm)	Current (A)	Leads	Qty.	UL508	cUL	CSA	cURus
HB32429	2 mounting rails, for switchgear with spring terminals	2	45 x 200	16	14 AWG	1	•	•	•	•
HB32400	2 mounting rails, for switchgear with spring terminals	2	90 x 200	16	14 AWG	1	•	•	•	•
HB32430	1 mounting rail, universal	1	45 x 200	25	12 AWG	1	•	•	•	•
HB32431	2 mounting rails, universal	2	45 x 200	25	12 AWG	1	•	•	•	•
HB32432	2 mounting rails, universal	2	90 x 200	25	12 AWG	1	•	•	•	•
HB32433	2 mounting rails, universal	2	45 x 260	25	12 AWG	1	•	•	•	•
HB32436	2 mounting rails, universal, with screw terminal 6mm2 from rear	2	45 x 200	25	---	1	•	•	•	•
HB32439	2 mounting rails, universal, with screw terminal 6mm2 from rear	2	45 x 260	25	---	1	•	•	•	•
HB32441	1 mounting rail, universal	1	54 x 200	32	10 AWG	1	•	•	•	•
HB32442	2 mounting rails, universal	2	54 x 200	32	10 AWG	1	•	•	•	•
HB32443	1 mounting rail, universal	1	63 x 200	32	10 AWG	1	•	•	•	•
HB32444	1 mounting rail, universal	1	72 x 200	32	10 AWG	1	•	•	•	•
HB32446	2 mounting rails, universal	2	81 x 200	32	10 AWG	1	•	•	•	•
HB32449	2 mounting rails, universal	2	54 x 260	32	10 AWG	1	•	•	•	•
HB32486	1 mounting rail, with 6mm2 spring terminal from front	1	45 x 200	32	---	1	•	•	•	•
HB32487	2 mounting rails, with 6mm2 spring terminal from front	2	45 x 200	32	---	1	•	•	•	•
HB32454	1 mounting rail, universal	1	54 x 200	63	8 AWG	1	•	•	•	•
HB32455	2 mounting rails, universal	2	54 x 200	63	8 AWG	1	•	•	•	•
HB32456	1 mounting rail, universal	1	63 x 200	63	8 AWG	1	•	•	•	•
HB32457	1 mounting rail, universal	1	72 x 200	63	8 AWG	1	•	•	•	•
HB32459	2 mounting rails, universal	2	81 x 200	63	8 AWG	1	•	•	•	•
HB32461	2 mounting rails, universal	2	54 x 260	63	8 AWG	1	•	•	•	•
HB32466	1 mounting rail, universal, with screw terminal from rear	1	54 x 200	80	---	1	•	•	•	•
HB32467	2 mounting rails, universal, with screw terminal from rear	2	54 x 200	80	---	1	•	•	•	•
HB32469	1 mounting rail, universal, with screw terminal from rear	1	72 x 200	80	---	1	•	•	•	•
HB32472	2 mounting rails, universal, with screw terminal from rear	2	54 x 260	80	---	1	•	•	•	•
HB32464	1 mounting rail, universal, with screw terminal from rear	1	54 x 200	80	---	1	•	•	•	•
HB32465	2 mounting rails, universal, with screw terminal from rear	2	54 x 260	80	---	1	•	•	•	•

Standard Product **Special**

Catalog Number	Description	Mounting Rail Qty.	Adapter WxL (mm)	Current (A)	Leads	Qty.	UL508	cULus	CSA
HB32533	For director starter Allen-Bradley 140MC/D	2	45 x 200	25	12 AWG	1	•	•	•
HB32534	For reversing starter Allen-Bradley 140MC/D	2	54 x 200	25	12 AWG	1	•	•	•
HB32445	For direct starter Siemens S00 with screw connection	1	45 x 200	25	12 AWG	1	•	•	•
HB32448	For reversing starter Siemens S00 with screw connection	1	90 x 200	25	12 AWG	1	•	•	•
HB32450	For direct starter Eaton PKZ0/BG1	1	45 x 200	25	12 AWG	1	•	•	•
HB32452	For reversing starter Eaton PKZ0/BG1	1	90 x 200	25	12 AWG	1	•	•	•
HB32451	For direct starter Eaton PKZ0/BG2	2	45 x 200	32	10 AWG	1	•	•	•
HB32453	For reversing starter Eaton PKZ0/BG2	2	90 x 200	32	10 AWG	1	•	•	•
HB32427	For direct starter Schneider Electric LUB12/32	1	45 x 200	32	10 AWG	1	•	•	•
HB32428	For direct starter Schneider Electric GV2-M/P	1	45 x 260	32	10 AWG	1	•	•	•
HB32434	For direct starter Schneider Electric GV2-M/P	2	45 x 200	32	10 AWG	1	•	•	•
HB32438	For direct starter Schneider Electric GV2-M/P	2	45 x 260	32	10 AWG	1	•	•	•
HB32460	For director starter ABB MS45x, Eaton PKZM4, Siemens S2	2	55 x 260	63	8 AWG	1	•	•	•
HB32535	For direct starter Allen-Bradley 140M-F	2	54 x 200	63	8 AWG	1	•	•	•
HB32463	For direct starter ABB MS45x and Eaton PKZ5	2	72 x 260	63	8 AWG	1	•	•	•

BUSBAR SUPPORT AND BASE PLATE



BULLETIN: HB2

Catalog Number	Description	W x H (mm)	Qty.	UL508	cULus
HB01272	Compact Busbar Support, 3-pole, for 12 x 5, 10 flat busbars, with end cover	12.5 x 156	1	•	•
HB01371	Compact Base Plate	160 x 700	1		

STANDARD COPPER BUSBAR



BULLETIN: HB1

Catalog Number	Description (mm)	Length	UL Current Rating Capacity (max)	IEC Current Capacity (max.)	Qty ^a	UL508	cULus	CSA
HB01618	12x5	2.4	150A	250A	3	•	•	•
HB0161812	12x5	1.2	150A	250A	3	•	•	•
HB01623	12x10	2.4	300A	450A	3	•	•	•
HB0162312	12x10	1.2	300A	450A	3	•	•	•

^aTo order models in qty. 1 use catalog number with HBB prefix and omit 0 at front (i.e. HBB161812, HBB1623)

RESERVE SECTION COVER, 3-POLE



BULLETIN: HB2

Catalog Number	Description	Width x Height (mm)	Qty.	UL508	cULus
HB01314	Cover Section	700 x 160	1	•	•
HB01317	Mount for Cover Section	5 x 156	2	•	•

CONNECTING TERMINAL PLATE, 3-POLE, WITH COVER CAP



BULLETIN: HB2

Catalog Number	Description	Width x Height (mm)	Current Capacity (max.)	Qty.	UL508	cULus
HB01401	6 - 50 (70) mm ² / AWG 10 - AWG 2/0 round conductors, la. Cu 7x4 - 9x6	54 x 160	300A/600V	1	•	•
HB01165	Cu cables Class B acc. to UL 486E, 35 - 150 mm ² / AWG 2 MCM 300, la. Cu up to 20x10	90 x 160	480A/600V	1	•	•

EQUES® EASYCONNECTORS, SYSTEM COMPACT, 3-POLE



BULLETIN: HB2

Catalog Number	Description	Width x Height (mm)	Rated Current/ Rated Voltage (UL)	Qty	UL508	cULus
HB32590	32A, 1 mounting rail	54x160	32A/60V	1	•	•
HB32591	63A, 1 mounting rail	54x160	65A/600V	1	•	•
HB32912	9mm side-mount module	9x160	---	5	•	•

MOTUS® CONTACTRONCONTROL, HYBRID MOTOR STARTER FOR 60MM SYSTEM COMPACT



BULLETIN: HB2

Catalog Number	Description	Width (mm)	Rated Voltage	Qty	UL508	cULus
HB36101	Version 0.075 - 0.6A	22.5	500V	1	•	•
HB36104	Version 0.18 - 2.4A	22.5	500V	1	•	•
HB36107	Version 1.5 - 9.0A	22.5	500V	1	•	•

HOLDERS, FOR LAMINATED BUSBARS (UP TO 10-MM LAMINATION PACKS)



Holders fasten to 35-mm symmetrical DIN rail. A set of 4 can be used to hold 3 lengths of flexible busbars in a typical application.

BULLETIN: HB2

Catalog Number	Description	Qty.	UL508	cUL
HB01303	Holder	4	—	—

AMBUS® J-CARRIER, CLASS J FUSE HOLDER, CLIP-ON MOUNTING, STANDARD MODEL



DIN Rail mountable fuse holders for 30 and 60 A ferrule size UL Class J fuses. Offered in single pole, 2-pole or 3-pole configurations. Holders meet IP20 touchsafe design standards. *AMBUS J-Carrier is a trademark of Wöhner GmbH & Co. KG.*

BULLETIN: HB2

Catalog Number	Description (mm)	Type	Rated Current/Rated Voltage	Connection	Width (mm)	Qty.	UL4248	cULus	CSA
HB31284	21 x 57	1-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	36	6	•	•	•
HBF31284	21 x 57	1-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	36	1	•	•	•
HB31285	21 x 57	2-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	72	3	•	•	•
HBF31285	21 x 57	2-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	72	1	•	•	•
HB31287	21 x 57	3-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	108	2	•	•	•
HBF31287	21 x 57	3-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	108	1	•	•	•
HB31920	27 x 60	1-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	40	6	•	•	•
HBF31920	27 x 60	1-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	40	1	•	•	•
HB31921	27 x 60	2-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	80	3	•	•	•
HBF31921	27 x 60	2-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	80	1	•	•	•
HB31922	27 x 60	3-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	120	2	•	•	•
HBF31922	27 x 60	3-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	120	1	•	•	•

AMBUS® J-CARRIER, CLASS J FUSE HOLDER, CLIP-ON MOUNTING, MODEL WITH LIGHT INDICATOR 110-600 VAC/DC



DIN Rail mountable fuse holders for 30 and 60 A ferrule size UL Class J fuses. Offered in single pole, 2-pole or 3-pole configurations with LED open fuse indication. Indicator operates on systems between 110 and 600 V. The LED lamp will glow when the fuse is open (blown). Holders meet IP20 touchsafe design standards. *AMBUS J-Carrier is a trademark of Wöhner GmbH & Co. KG.*

BULLETIN: HB2

Catalog Number	Description (mm)	Type	Rated Current/Rated Voltage	Connection	Width (mm)	Qty.	UL4248	cULus	CSA
HB31932	21 x 57	1-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	36	6	•	•	•
HBF31932	21 x 57	1-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	36	1	•	•	•
HB31933	21 x 57	2-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	72	3	•	•	•
HBF31933	21 x 57	2-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	72	1	•	•	•
HB31934	21 x 57	3-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	108	2	•	•	•
HBF31934	21 x 57	3-pole	30 A/600 VAC	0.75 - 50 sq. mm AWG 18-1	108	1	•	•	•
HB31923	27 x 60	1-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	40	6	•	•	•
HBF31923	27 x 60	1-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	40	1	•	•	•
HB31924	27 x 60	2-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	80	3	•	•	•
HBF31924	27 x 60	2-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	80	1	•	•	•
HB31925	27 x 60	3-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	120	2	•	•	•
HBF31925	27 x 60	3-pole	60 A/600 VAC	2.5 - 50 sq. mm AWG 14-1	120	1	•	•	•

QUADRON® J-CARRIER, CLASS J FUSE HOLDER, SCREW-ON



UL Class J, 400 A panel-mount fuse holders. Clear plastic cover satisfies IP20 touchsafe design standards. The only 3-pole blade size Class J fuse holder in the industry with integral touchsafe cover.

QUADRON J-Carrier is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description (mm)	Type	Rated Current/Rated Voltage	Connection	Width (mm)	Qty.	UL4248	cULus	CSA
HB33308	54 x 181	3-pole	400 A/600 VAC	16 - 300 sq. mm AWG 4-600 MCM	256	1	•	•	•

AMBUS® EASYSWITCH



DIN Rail mountable fuse holders for UL recognized Midget (10 x 38 mm) dimension cylindrical fuses. Offered in single pole, 2-pole or 3-pole configurations with or without LED open fuse indication. Indicator operates on systems between 110 and 690 V. The LED lamp will glow when the fuse is open (blown). Holders meet IP20 touchsafe design standards.

AMBUS EasySwitch is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description (mm)	Type	Rated Current/Rated Voltage (UL)	Connection	Width (mm)	Qty. ^a	UL4248	cULus	CSA
HB31110	10 x 38 standard model	1-pole	30A/600VAC/600 VDC	0.75 - 25 sq. mm AWG 18-4	18	12	•	•	•
HB31971	photovoltaic version	1-pole	30A/1000 VDC	0.75 - 25 sq. mm AWG 18-4	18	10	•	•	•
HB31112	10 x 38 standard model	2-pole	30A/600VAC/600 VDC	0.75 - 25 sq. mm AWG 18-4	36	6	•	•	•
HB31113	10 x 38 standard model	3-pole	30A/600VAC/600 VDC	0.75 - 25 sq. mm AWG 18-4	54	4	•	•	•
HB31130	10 x 38 w/LED	1-pole	30A/600VAC/600 VDC	0.75 - 25 sq. mm AWG 18-4	18	12	•	•	•
HB31132	10 x 38 w/LED	2-pole	30A/600VAC/600 VDC	0.75 - 25 sq. mm AWG 18-4	36	6	•	•	•
HB31133	10 x 38 w/LED	3-pole	30A/600VAC/600 VDC	0.75 - 25 sq. mm AWG 18-4	54	4	•	•	•

^aTo order models in qty. 1, use catalog number with HBF prefix (i.e. HBF31110, HBF31971).

AMBUS® EASYSWITCH CLASS CC



DIN Rail mountable fuse holders for UL Listed Class CC fuses. Offered in single pole, 2-pole or 3-pole configurations with LED open fuse indication. The LED lamp will glow when the fuse is open (blown). Holders meet IP20 touchsafe design standards.

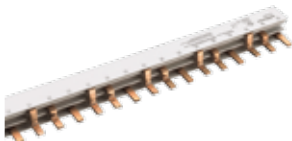
AMBUS EasySwitch is a trademark of Wöhner GmbH & Co. KG.

BULLETIN: HB2

Catalog Number	Description	Type	Rated Current/Rated Voltage	Connection	Width (mm)	Qty. ^a	UL4248	cULus	CSA
HB31295	Standard Model	1-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	18	12	•	•	•
HB31296	Standard Model	2-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	36	6	•	•	•
HB31297	Standard Model	3-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	54	4	•	•	•
HB31298	Model with light indicator 110-600 VAC/DC	1-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	18	12	•	•	•
HB31299	Model with light indicator 110-600 VAC/DC	2-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	36	6	•	•	•
HB31300	Model with light indicator 110-600 VAC/DC	3-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	54	4	•	•	•
HB31929	Model with light indicator 12-72 VAC/DC	1-pole	30 A/600 VAC/DC	0.75 - 25 sq. mm AWG 18-4	18	12	•	•	•

^aTo order models in qty. 1, use catalog number with HBF prefix (i.e. HBF31295, HBF31296).

ACCESSORIES FOR AMBUS® EASYSWITCH, CONNECTION BOTTOM OR TOP



Comb-type busbar is an alternative to point-to-point wiring on the primary side of the 10x38 and Class CC fuse holders that have an 18mm pitch. It eliminates the need for a power distribution block and wiring duct to contain the AWG wires feeding multiple fuse blocks. Available for both 1-pole and 3-phase configurations. *AMBUS® EasySwitch is a trademark of Wöhner GmbH & Co. KG*

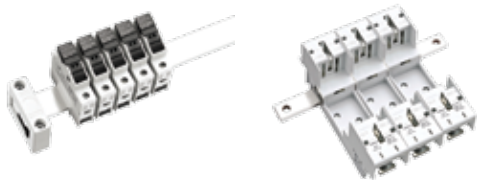
BULLETIN: HB2

Catalog Number	Description	Length (m)	Cross Section (mm)	Rated Current/ Rated Voltage (UL)	Qty.	UL508
HB31548	1-pole, insulated, 18mm pitch	1	25	100A ^a /600V	1	•
HB31549	3-pole, insulated, 18mm pitch	1	25	100A ^a /600V	1	•

^a 100 ampere rated if connected from one end, 200 ampere rated if connected in the center.

Catalog Number	Description	Rated Current/ Rated Voltage (UL)	Qty.	UL508	cULus
HB31550	Connecting terminal AWG 10-1/0, for HB31549	115A/600V	1	•	•
HB31552	End cap for 3-pole comb-type busbars HB31549	---	2	•	•

PV FUSE HOLDERS, BUSBAR COMBINED DC CURRENT



Fuse holders for mounting circuit protection devices for the wires and cables associated with photovoltaic installations. These devices allow the combining of current on metric dimension busbars. The design eliminates the bending radius space associated with large cables.

BULLETIN: HB2

Catalog Number	Width (mm)	For Use With	Qty.	UL4248	UR
HB31570	22.5	30A, 1000Vdc, 10x38 PV fuses, 30x5 or 30x10 busbar	1	•	•
HB31570	22.5	30A, 1000Vdc, 10x38 PV fuses, 30x5 or 30x10 busbar	12	•	•
HB03289	60	250A, 1500V, NH1XL PV fuses, 2x 30x10 busbar	1	•	•
HB03293	81	600A, 1500V, NH2XL/NH3L PV fuses, 2x 40x10 busbar	1	•	•