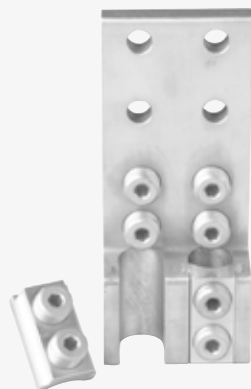


PAD-MOUNT TRANSFORMER CONNECTORS

Homac® EZ KEEPER®

ABK™ and ZBK™ series



Aluminum lay-in transformer spade connectors feature a slide-out keeper to minimize the hassle and hazards of forcing cables into the closed cable ports found on conventional mechanical connectors — saving time and labor. ZBK series also has a compact Zeebar® design that halves cantilever stress and doubles cable capacity.

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01 ZBK 4047

Keeper design

Allows large, stiff cables to be effortlessly and safely installed or removed. Cables are easily placed into the keeper slot, rather than having to force them into the closed cable ports found on conventional connectors.

Time/labor saving

Faster and easier to install than a conventional connector.

Safety

Utilities that have performed ergonomic studies have proven that a keeper-type connector helps prevent injuries caused by trying to force heavy cable into a conventional mechanical connector.

Training

No special training is required to install.

Minimal tooling

No crimping tools or dies or other special tools are required to install. The installer only needs a cable stripper and an Allen hex wrench.

Easy transformer change

If the transformer needs to be changed, the connector only needs to be unbolted from the spade. There is no need to disconnect all the conductors, as with compression systems.

Tested to ANSI C119.4 requirements

Assures a reliable, quality connection.

Al/Cu rated

For use on aluminum or copper cables.

Double set screws

Maximize contact area and mechanical characteristics.

Ball bottom screws

These assure even force distribution in the EZ KEEPER® cable/connector interface.

Tin-plated screws

Conductive coating provides protection against oxidation, while keeping the screw in the current path to maximize current flow. Proprietary coating reduces torque losses due to friction between the screw and connector threads, maximizing the force applied to the cable.

ML series

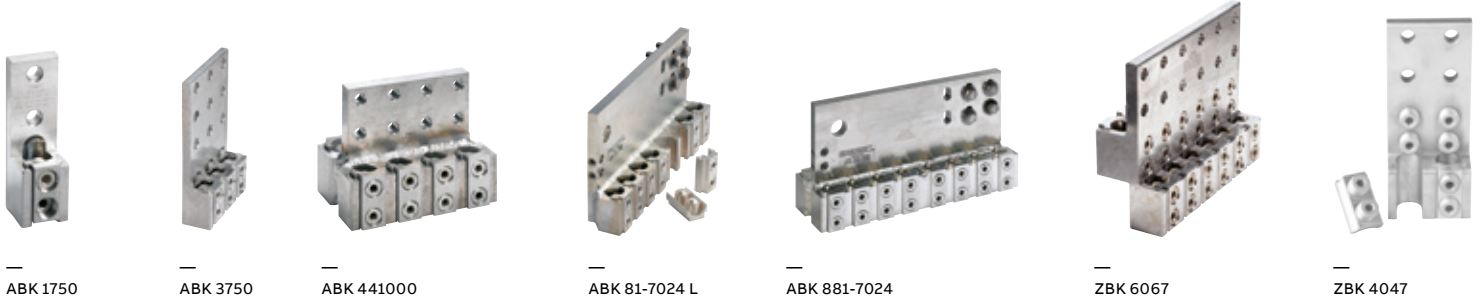
The ML series offers extra height and additional NEMA holes, negating the need for an extension plate.

Insulating boots

Both the ABK and ZBK series are available as a kit with the appropriately sized shrouded PVC insulating boot.

Homac ZBK patented staggered design

Provides back-to-back convenience in one connector. Solves space limitation issues. Maximizes the cable density, eliminating the need for a second back-to-back connector. Minimizes the cantilever load on the transformer bushing by moving the cables closer to the bushing. Provides more tool clearance to make installation easier and safer. All set screws are tightened from one side.



Catalog no.	Wire range (AWG or kcmil)	Conductors	Mounting holes	Length (in.)	Width (in.)	Height (in.)	Catalog no. with boot
ABK series							
ABK 1750	1/0-750	1	2	1.83	1.88	5.56	SB 2144
ABK 2750	1/0-750	2	4	3.46	1.88	5.56	SB 2150
ABK 3750	1/0-750	3	6	5.10	1.88	5.56	SB 2151
ABK 3750 ML	1/0-750	3	9	5.10	1.88	9.19	SB 2151
ABK 4750	1/0-750	4	8	6.73	1.88	5.56	SB 2158
ABK 6750	1/0-750	6	12	10.00	1.88	5.56	SB 2163-3
ABK 6750 ML	1/0-750	6	18	10.00	1.88	9.19	SB 2163-3
ABK 8750	1/0-750	8	16	13.50	1.88	5.56	SB 2163-10
ABK 21000	1/0-1000	2	4	3.63	1.88	5.56	SB 2150
ABK 31000	1/0-1000	3	6	5.30	1.88	5.56	SB 2151
ABK 41000	1/0-1000	4	8	7.00	1.88	5.56	SB 2163-2
ABK 61000	1/0-1000	6	12	10.38	1.88	5.56	SB 2163-3
ABK 81000	1/0-1000	8	16	13.75	1.88	5.56	SB 2163-10
ZBK series							
ZBK 1017	1/0-750	2	2	1.83	3.63	8.38	SB 2144
ZBK 2027	1/0-750	4	4	3.46	3.63	8.38	SB 2150
ZBK 3037	1/0-750	6	6	5.10	3.63	8.38	SB 2151
ZBK 4047	1/0-750	8	8	6.73	3.63	8.38	SB 2158
ZBK 6067	1/0-750	12	12	10.00	3.63	8.38	SB 2163-3
ZBK 8087	1/0-750	16	16	13.50	3.63	8.38	SB 2163-2
ZBK 2021	1/0-1000	4	4	3.63	3.63	8.38	SB 2150
ZBK 3031	1/0-1000	6	6	5.31	3.63	8.38	SB 2151
ZBK 4041	1/0-1000	8	8	7.00	3.63	8.38	SB 2163-2
ZBK 6061	1/0-1000	12	12	10.38	3.63	8.38	SB 2163-3
ZBK 8081	1/0-1000	16	16	13.75	3.63	8.38	SB 2163-10

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