

Stud-mount transformer connectors

Aluminum universal quick-disconnect transformer connectors



EZB 6500 SL



EZC 6500 SL

The EZ mount connector is used on padmount distribution transformers that have a $\frac{5}{8}$ " or 1" secondary bushing stud – one mounting hole accepts both sizes of studs without repositioning the connector.

- Quick-disconnect connectors are easy to install or remove
- Dual-rated to accept aluminum or copper conductors
- Provides a wide cable range
- Clear slide-on PVC insulating cover on EZC series enables safe and time-saving installations and disconnects
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

EZC series insulated in-line bar

Cat. no.	Cable range (AWG or kcmil)	Outlets	Length (in.)	Stud size (in.)
EZC 4350 SL	#12–350, S/L #14–#2	4	6 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZC 6350 SL	#12–350, S/L #14–#2	6	8 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZC 8350 SL	#12–350, S/L #14–#2	8	10 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZC 4500 SL	#6–500, S/L #14–#2	4	6 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZC 6500 SL	#6–500, S/L #14–#2	6	8 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZC 8500 SL	#6–500, S/L #14–#2	8	10 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZC 8750 SL*	1/0–750, S/L #14–#2	8	12 $\frac{7}{8}$	$\frac{5}{8}$ & 1

* Two set-screws per outlet.

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number.

For additional sizes, please consult your ABB representative.

For a single-phase kit containing one uninsulated and two insulated connectors, add "-1K" suffix to the catalog number.

For a three-phase kit containing one uninsulated and three insulated connectors, add "-3K" suffix to the catalog number.

EZB series uninsulated in-line bar

Cat. no.	Cable range (AWG or kcmil)	Outlets	Length (in.)	Stud size (in.)
EZB 4350 SL	#12–350, S/L #14–#2	4	6 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZB 6350 SL	#12–350, S/L #14–#2	6	8 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZB 8350 SL	#12–350, S/L #14–#2	8	10 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZB 4500 SL	#6–500, S/L #14–#2	4	6 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZB 6500 SL	#6–500, S/L #14–#2	6	8 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZB 8500 SL	#6–500, S/L #14–#2	8	10 $\frac{3}{4}$	$\frac{5}{8}$ & 1
EZB 8700 SL*	1/0–750, S/L #14–#2	8	12 $\frac{7}{8}$	$\frac{5}{8}$ & 1

* Two set-screws per outlet.

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number.

For additional sizes, please consult your ABB representative.

01 For EZ Torque® shear-head screws supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum transformer connectors – CSW and CSS series



CSS 6500



CSW 4350

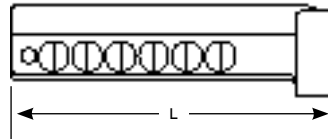
Choose from quick-disconnect or screw-on transformer connectors with clear PVC insulating covers.

- Clear PVC insulating boot enables safe and time-saving installations and disconnects, and it features self-sealing wrench outlets and self-adjusting cable outlets
- Disconnectable — easy to install or remove
- Dual-rated to accept aluminum or copper conductors
- Provides a wide cable range
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

Aluminum transformer connectors

Quick disconnect cat. no.	Screw-on style cat. no.	Stud size (in.)	Outlets	Insulator length (in.)	Cable range (AWG or kcmil)
CSW 4350	CSS 4350	5/8	4	5 11/16	#12-350
CSW 6350	CSS 6350	5/8	6	7 1/16	#12-350
CSW 8350	CSS 8350	5/8	8	9 1/16	#12-350
CSW 4350-1	CSS 4350-1	1	4	11 1/16	#12-350
CSW 6350-1	CSS 6350-1	1	6	5 1/16	#12-350
CSW 8350-1	CSS 8350-1	1	8	7 1/16	#12-350
CSW 4500-58	CSS 4500-58	5/8	4	9 1/16	#2-500
CSW 6500-58	CSS 6500-58	5/8	6	11 1/16	#2-500
CSW 8500-58	CSS 8500-58	5/8	8	5 3/16	#2-500
CSW 4500	CSS 4500	1	4	7 3/16	#2-500
CSW 6500	CSS 6500	1	6	9 3/16	#2-500
CSW 8500	CSS 8500	1	8	11 3/16	#2-500

Diagrams



Screw-on style

Note: For oxide-inhibitor option, add “-C” suffix to the catalog number.
For streetlight-outlet option, add “-SL” suffix to the catalog number.

01 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum quick-disconnect transformer connectors – ABW in-line bar series



ABW 8500

High-strength aluminum alloy maintains constant bolting pressure on conductors.

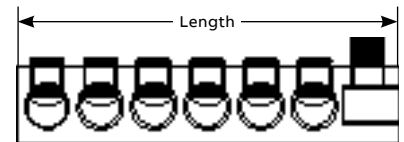
- Quick disconnectability for easy removal from transformer secondary studs
- Dual-rated to accept aluminum or copper conductors
- Provides a wide cable range
- Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

ABW series – In-line bar

Cat. no.	Outlets	Length (in.)	Boot no.	Cable range (AWG or kcmil)	Stud size (in.)
ABW 240	2	3 $\frac{3}{8}$	SB 17	#6–250	$\frac{5}{8}$
ABW 340	3	3 $\frac{3}{8}$	SB 17	#6–250	$\frac{5}{8}$
ABW 440	4	4 $\frac{1}{16}$	SB 17	#6–250	$\frac{5}{8}$
ABW 540	5	5 $\frac{1}{2}$	SB 11	#6–250	$\frac{5}{8}$
ABW 640	6	6 $\frac{1}{4}$	SB 11	#6–250	$\frac{5}{8}$
ABW 740	7	7	SB 11	#6–250	$\frac{5}{8}$
ABW 840	8	7 $\frac{3}{16}$	SB 14	#6–250	$\frac{5}{8}$
ABW 2350	2	3 $\frac{1}{2}$	SB 17	#12–350	$\frac{5}{8}$
ABW 3350	3	4 $\frac{1}{2}$	SB 17	#12–350	$\frac{5}{8}$
ABW 4350	4	5 $\frac{1}{2}$	SB 17	#12–350	$\frac{5}{8}$
ABW 4350-1	4	6 $\frac{9}{16}$	SB 17	#12–350	1
ABW 5350	5	6 $\frac{1}{2}$	SB 11	#12–350	$\frac{5}{8}$
ABW 6350	6	7 $\frac{1}{2}$	SB 11	#12–350	$\frac{5}{8}$
ABW 6350-1	6	8 $\frac{9}{16}$	SB 11	#12–350	1
ABW 7350	7	8 $\frac{1}{2}$	SB 14	#12–350	$\frac{5}{8}$
ABW 8350	8	9 $\frac{1}{2}$	SB 2160	#12–350	$\frac{5}{8}$
ABW 8350-1	8	10 $\frac{9}{16}$	SB 2160	#12–350	1

Cat. no.	Outlets	Length (in.)	Boot no.	Cable range (AWG or kcmil)	Stud size (in.)
ABW 2500	2	4 $\frac{1}{16}$	SB 2147	#6–500	1
ABW 3500	3	5 $\frac{1}{16}$	SB 2147	#6–500	1
ABW 4500	4	6 $\frac{1}{16}$	SB 2163-38	#6–500	1
ABW 5500	5	7 $\frac{1}{16}$	SB 2163-7	#6–500	1
ABW 6500	6	8 $\frac{1}{16}$	SB 2157	#6–500	1
ABW 7500	7	9 $\frac{1}{16}$	SB 2157	#6–500	1
ABW 8500	8	10 $\frac{1}{16}$	SB 2160	#6–500	1
ABW 2750	2	5 $\frac{1}{16}$	SB 2147	1/0–750	1
ABW 3750	3	6 $\frac{7}{16}$	SB 2163-38	1/0–750	1
ABW 4750	4	7 $\frac{3}{4}$	SB 2120	1/0–750	1
ABW 5750	5	9 $\frac{1}{8}$	SB 2157	1/0–750	1
ABW 6750	6	10 $\frac{1}{2}$	SB 2160	1/0–750	1
ABW 7750	7	11 $\frac{1}{16}$	SB 2160	1/0–750	1
ABW 8750	8	13 $\frac{3}{8}$	SB 2163-10	1/0–750	1

Diagram



Note: For oxide-inhibitor option, add “-C” suffix to the catalog number.

For streetlight-outlet option, add “-SL” suffix to the catalog number.

For insulating boots, see page C34.

For special applications and stud sizes, please consult your ABB representative.

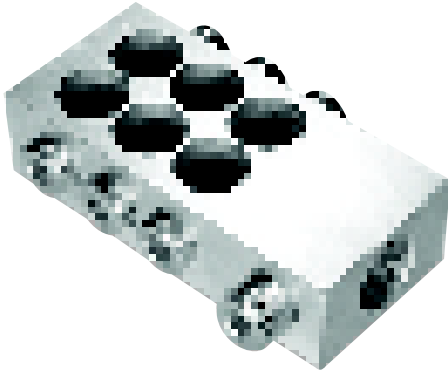
01 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum quick-disconnect transformer connectors – ABW double-row bar series



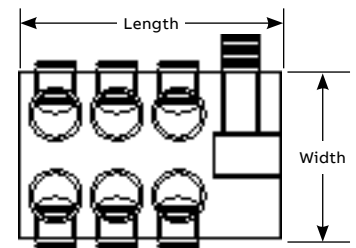
ABW 350-33

- Dual-rated for aluminum or copper conductors.
- High-strength aluminum alloy maintains constant bolting pressure on conductors
- Quick disconnectability for easy removal from transformer secondary studs
- Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

ABW series – Double-row bar

Cat. no.	Outlets	Length (in.)	Width (in.)	Boot no.	Cable range (AWG or kcmil)	Stud size (in.)
ABW 40-22	4	3½	2½	SB 16	#6-250	5/8
ABW 40-33	6	4¼	2½	SB 16	#6-250	5/8
ABW 40-44	8	5¼	2½	SB 16	#6-250	5/8
ABW 350-22	4	4	2½	SB 16	#12-350	5/8
ABW 350-33	6	4¾	2½	SB 16	#12-350	5/8
ABW 350-44	8	5¾	2½	SB 2163-38	#12-350	5/8
ABW 500-22	4	4¾	2¾	SB 2151	#6-500	1
ABW 500-33	6	5¾	2¾	SB 2158	#6-500	1
ABW 500-44	8	6¾	2¾	SB 2158	#6-500	1
ABW 750-22	4	4¾	2¾	SB 2158	1/0-750	1
ABW 750-33	6	6¼	2¾	SB 2158	1/0-750	1
ABW 750-44	8	7¼	2¾	SB 2163-7	1/0-750	1

Diagram



Note: For oxide-inhibitor option, add "-C" suffix to the catalog number.
 For streetlight-outlet option, add "-SL" suffix to the catalog number.
 For insulating boots, see page C34.
 For special applications and stud sizes, please consult your ABB representative.

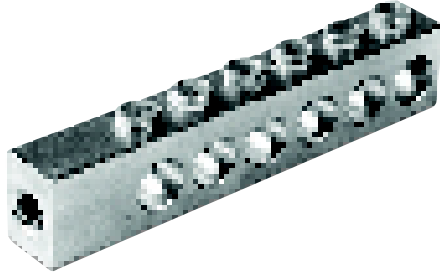
01 For EZ Torque shear-head screws supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum screw-on transformer connectors – ABS in-line bar series



Disconnectability makes it easy to remove from transformer secondary threaded studs.

- High-strength aluminum alloy maintains constant bolting pressure on conductors
- Dual-rated to accept aluminum or copper conductors
- Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

ABS series – Single-line bar

Cat. no.	Boot no.	Stud size (in.)	Outlets	Length (in.)	Cable range (AWG or kcmil)
ABS 240	Contact ABB Rep	5/8	2	2 7/8	#6–250
ABS 340	Contact ABB Rep	5/8	3	3 5/8	#6–250
ABS 440	SB 17	5/8	4	4 7/16	#6–250
ABS 540	SB 17	5/8	5	5 1/4	#6–250
ABS 640	SB 11	5/8	6	6	#6–250
ABS 740	SB 11	5/8	7	6 13/16	#6–250
ABS 840	SB 14	5/8	8	7 9/16	#6–250
ABS 2350	Contact ABB Rep	5/8	2	3 1/4	#12–350
ABS 3350	SB 17	5/8	3	4 1/4	#12–350
ABS 4350	SB 17	5/8	4	5 1/4	#12–350
ABS 4350-1	SB 17	1	4	5 1/4	#12–350
ABS 5350	SB 17	5/8	5	6 1/4	#12–350
ABS 6350	SB 11	5/8	6	7 1/4	#12–350
ABS 6350-1	SB 11	1	6	7 1/4	#12–350
ABS 7350	SB 11	5/8	7	8 1/4	#12–350
ABS 8350	SB 14	5/8	8	9 1/4	#12–350
ABS 8350-1	SB 14	1	8	9 1/4	#12–350

Note: For oxide-inhibitor option, add “-C” suffix to the catalog number.

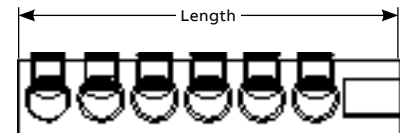
For streetlight-outlet option, add “-SL” suffix to the catalog number.

For insulating boots, see page C34.

For special applications and stud sizes, please consult your ABB representative.

Cat. no.	Boot no.	Stud size (in.)	Outlets	Length (in.)	Cable range (AWG or kcmil)
ABS 2500	SB 17	1	2	3 13/16	#6–500
ABS 3500	SB 17	1	3	4 13/16	#6–500
ABS 4500	SB 17	1	4	5 13/16	#6–500
ABS 5500	SB 2120	1	5	6 13/16	#6–500
ABS 6500	SB 2157	1	6	7 13/16	#6–500
ABS 7500	SB 2157	1	7	8 13/16	#6–500
ABS 8500	SB 2160	1	8	9 13/16	#6–500
ABS 2750	SB 17	1	2	4 1 1/16	1/0–750
ABS 3750	SB 17	1	3	6	1/0–750
ABS 4750	SB 2120	1	4	7 3/8	1/0–750
ABS 5750	SB 2157	1	5	8 1 1/16	1/0–750
ABS 6750	SB 2160	1	6	10 1/16	1/0–750
ABS 7750	SB 2160	1	7	11 3/8	1/0–750
ABS 8750	SB 2163-10	1	8	12 3/4	1/0–750

Diagram



01 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum screw-on transformer connectors – ABS double-row bar series

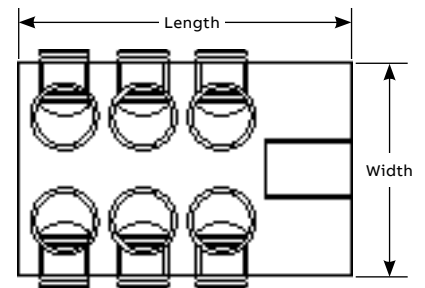


- Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides.
- High-strength aluminum alloy maintains constant bolting pressure on conductors
 - Dual-rated to accept aluminum or copper conductors
 - Meets or exceeds ANSI C119.4 specifications
 - Recognized by RUS

ABS series – Double-line bar

Cat. no.	Boot no.	Stud size (in.)	Outlets	Length (in.)	Cable range (AWG or kcmil)
ABS 40-22	SB 16	5/8	4	3 1/16	#6-250
ABS 40-33	SB 16	5/8	6	3 7/8	#6-250
ABS 40-44	SB 16	5/8	8	4 11/16	#6-250
ABS 350-22	SB 16	5/8	4	3 5/8	#12-350
ABS 350-33	SB 16	5/8	6	4 1/2	#12-350
ABS 350-44	SB 16	5/8	8	5 7/16	#12-350
ABS 500-22	SB 2151	1	4	3 15/16	#6-500
ABS 500-33	SB 2151	1	6	4 15/16	#6-500
ABS 500-44	SB 2163-6	1	8	5 15/16	#6-500
ABS 750-22	SB 2151	1	4	4 1/4	1/0-750
ABS 750-33	SB 2163-6	1	6	5 9/16	1/0-750
ABS 750-44	SB 2163-6	1	8	6 15/16	1/0-750

Diagram



Notes: For oxide-inhibitor option, add “-C” suffix to the catalog number.
 For streetlight-outlet option, add “-SL” suffix to the catalog number.
 For insulating boots, see page C34.
 For special applications and stud sizes, please consult your ABB representative.

01 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number.



01

Stud-mount transformer connectors

Aluminum universal quick-disconnect transformer connectors – RAU series



RAU 6500

RAU series connectors

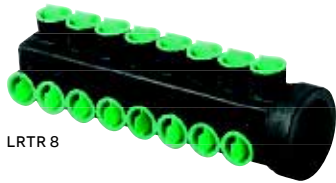
Dual-rated solutions.

- Space-saving compact size also reduces cantilever stress on bushings
- Universal connector fits both 5/8" and 1" studs.
- Recognized by RUS

Diagrams	Cat. no.	Outlets	Insulator length (in.)	Cable range (AWG or kcmil)
	RAU 4500	4	5½	#6–500
	RAU 6500	6	6⅞	#6–500
	RAU 8500	8	8⅞	#6–500

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For streetlight-outlet option, add "-SL" suffix to the catalog number. For see-through insulator option, add "w/cover" suffix to the catalog number.

Aluminum quick-disconnect transformer connectors – LRTR series



LRTR 8

LRTR series connectors

Get left-hand or right-hand installation capability.

- Disconnectable – easy to install or remove and fully insulated with EPDM rubber
- Dual-rated to accept aluminum or copper conductors

Diagrams	Cat. no.	Outlets	L (in.)	Wire size (AWG or kcmil)	Stud size (in.)
	LRTR 4	4	7	#12–350	5/8
	LRTR 6	6	9	#12–350	5/8
	LRTR 8	8	11	#12–350	5/8
	LRTR 4W*	4	7	#12–350	5/8
	LRTR 6W*	6	9	#12–350	5/8
	LRTR 8W*	8	11	#12–350	5/8

* Watertight cable and screw ports. Note: For oxide-inhibitor option, add "-C" suffix to the catalog number.

01 For EZ Torque shear-head screws supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum quick-disconnect transformer connectors – CLRTR series



CLRTR 6

CLRTR series connectors

Cat. no.	Outlets	Stud size (in.)	Conductor range (AWG or kcmil)
CLRTR 4	4	$\frac{5}{8}$	#12–350
CLRTR 6	6	$\frac{5}{8}$	#12–350
CLRTR 45-58	4	$\frac{5}{8}$	#6–500
CLRTR 65-58	6	$\frac{5}{8}$	#6–500

Note: For oxide-inhibitor option, add “-C” suffix to the catalog number. For streetlight-outlet option, add “-SL” suffix to the catalog number.

01 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Aluminum quick-disconnect transformer connectors – ABD series



ABD 8350 SL

ABD series connectors

Cat. no.	Outlets	Stud size (in.)	Conductor range (AWG or kcmil)
ABD 4350 SL	4	$\frac{5}{8}$	#12–350
ABD 6350 SL	6	$\frac{5}{8}$	#12–350
ABD 8350 SL	8	$\frac{5}{8}$	#12–350
ABD 4350-1 SL	4	1	#12–350
ABD 6350-1 SL	6	1	#12–350
ABD 8350-1 SL	8	1	#12–350

Double-row configuration. Note: For oxide-inhibitor option, add “-C” suffix to the catalog number.

02 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number.



02

See more of what you're doing.

- Clear PVC enables safe and time-saving installations and disconnects – and provides insulation
- Versatile design enables right- or left-hand installation
- Dual-rated to accept aluminum or copper conductors
- Recognized by RUS

Dual-rated and street light ready.

- #14 to #4 AWG street light outlet provides added versatility to make an additional connection
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

Stud-mount transformer connectors

AD series adapter



AD 58

The adapter made for the ABD series.

- 5/8" or 1" stud sizes
- Compatible with ABD series (see previous page)

AD series adapter

Cat. no.	Stud size (in.)
AD 58	5/8
AD 1	1

Aluminum quick-disconnect transformer connectors – LRT series



LRT 6350

Clearly the best deadfront connector.

- Clear, see-through PVC insulator enables safe and time-saving installations and disconnects
- Insulates two, four, six or eight outlet connectors
- Versatile design enables right- or left-hand installation
- Integral wrench outlet covers mean no lost parts
- Dual-rated to accept aluminum or copper conductors
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

Aluminum quick-disconnect transformer connectors

Cat. no.	Outlets	Insulator length (in.)	Wire range (AWG or kcmil)
LRT 2350	2	7 ¹ / ₄	#12–350
LRT 4350	4	7 ¹ / ₄	#12–350
LRT 6350	6	10 ¹ / ₄	#12–350
LRT 8350	8	10 ¹ / ₄	#12–350

Note: For oxide-inhibitor option, add “-C” suffix to the catalog number.

01 For EZ Torque shear-head screws supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum universal quick-disconnect transformer connectors –
ZVW-EZSL and Z-EZSL series



ZVW 4023 EZSL



Z 4023 EZSL

The EZ mount connector is used on padmount distribution transformers that have a $\frac{5}{8}$ " or 1" secondary bushing stud – one mounting hole accepts both sizes of studs without repositioning the connector.

- Tri-contact design distributes force more evenly than existing stud mounting configurations or other multi-stud designs, resulting in higher, more uniform contact force on the threads
- Design also eliminates the chance of movement
- Dual stud locking screws fully engage on either stud size, maximizing the engagement force on the stud
- Compact Zeebar® design halves cantilever stress and doubles cable capacity
- Easy to install, because $\frac{5}{8}$ " hex wrench does it all – including the street light outlet
- Truly universal – both series fit $\frac{5}{8}$ " or 1" studs
- Made from aluminum for high strength and high conductivity
- Quick-disconnect connectors are easy to install or remove
- #14 to #2 AWG street light outlet provides added versatility to make an additional connection
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

ZVW-EZSL series with clear PVC lock-on insulating cover

Cat. no.	Outlets	Conductor range (AWG or kcmil)	Stud size (in.)
ZVW 4023 EZSL	6	#12–350	$\frac{5}{8}$ & 1
ZVW 5033 EZSL	8	#12–350	$\frac{5}{8}$ & 1
ZVW 4025 EZSL	6	#6–500	$\frac{5}{8}$ & 1
ZVW 5035 EZSL	8	#6–500	$\frac{5}{8}$ & 1

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number.

For a kit containing one uninsulated and two insulated connectors, add "-K" suffix to the catalog number.

Z-EZSL series with optional clear PVC drop-on insulating cover

Cat. no.	Outlets	Boot no.	Conductor range (AWG or kcmil)	Stud size (in.)
Z 4023 EZSL	6	EZ 5912-3	#12–350	$\frac{5}{8}$ & 1
Z 5033 EZSL	8	EZ 5912-7	#12–350	$\frac{5}{8}$ & 1
Z 4025 EZSL	6	EZ 5912-3	#6–500	$\frac{5}{8}$ & 1
Z 5035 EZSL	8	EZ 5912-7	#6–500	$\frac{5}{8}$ & 1

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. A cover can also be installed on the Z-EZSL series. For details, please consult your ABB representative.

01 For EZ Torque shear-head screws supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum universal quick-disconnect transformer connectors –
ZVW-USL, ZVW-SL and ZVW-1 SL series



ZVW 4045 USL



ZVW 3053-58 SL



ZVW 5033-1 SL

See-through, lock-on insulated boots make them the clear choice for secondary transformer connectors.

- Compact Zeebar® design halves cantilever stress and doubles cable capacity
- Easy to install with all screws on top
- A $\frac{5}{16}$ " hex wrench does it all – including the street light outlet
- ZVW-USL series fits both $\frac{5}{8}$ " or 1" studs; series are also available each for $\frac{5}{8}$ " and 1" studs
- Dual-rated to accept copper or aluminum conductors
- Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

ZVW-USL series

Cat. no.	Outlets	L (in.)	Conductor range (AWG or kcmil)	Stud size (in.)
ZVW 3033 USL	6	5 $\frac{3}{8}$	#12–350	$\frac{5}{8}$ & 1
ZVW 4043 USL	8	6 $\frac{3}{8}$	#12–350	$\frac{5}{8}$ & 1
ZVW 3035 USL	6	5 $\frac{11}{16}$	#6–500	$\frac{5}{8}$ & 1
ZVW 4045 USL	8	6 $\frac{13}{16}$	#6–500	$\frac{5}{8}$ & 1
ZVW 3037 USL	6	6 $\frac{3}{8}$	1/0–750	$\frac{5}{8}$ & 1
ZVW 4047 USL	8	7 $\frac{5}{8}$	1/0–750	$\frac{5}{8}$ & 1

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For a kit containing one uninsulated and two insulated connectors, add "-K" suffix to the catalog number.

ZVW-SL series

Cat. no.	Outlets	L (in.)	Conductor range (AWG or kcmil)	Stud size (in.)
ZVW 2044 SL	6	3 $\frac{15}{16}$	#12–4/0	$\frac{5}{8}$
ZVW 3054 SL	8	4 $\frac{3}{4}$	#12–4/0	$\frac{5}{8}$
ZVW 4064 SL	10	5	#12–4/0	$\frac{5}{8}$
ZVW 2043-58 SL	6	4 $\frac{3}{8}$	#12–350	$\frac{5}{8}$
ZVW 3053-58 SL	8	5 $\frac{3}{8}$	#12–350	$\frac{5}{8}$

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For a kit containing one uninsulated and two insulated connectors, add "-K" suffix to the catalog number.

ZVW-1 SL series

Cat. no.	Outlets	L (in.)	Conductor range (AWG or kcmil)	Stud size (in.)
ZVW 4023-1 SL	6	4 $\frac{3}{4}$	#12–350	1
ZVW 5033-1 SL	8	5 $\frac{3}{4}$	#12–350	1
ZVW 4025-1 SL	6	5 $\frac{1}{8}$	#6–500	1
ZVW 5035-1 SL	8	6 $\frac{1}{4}$	#6–500	1

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For a kit containing one uninsulated and two insulated connectors, add "-K" suffix to the catalog number.

01 For EZ Torque shear-head screws supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum universal quick-disconnect transformer connectors –
Z-USL, Z-SL and Z-1 SL series



Z 4045 USL



Z 2043-58 SL



Z 5033-1 SL

Compact secondary transformer connectors with a street light outlet.

- Compact Zeebar® design halves cantilever stress and doubles cable capacity
- Easy to install with all screws on top
- A $\frac{5}{16}$ " hex wrench does it all – including the street light outlet
- Z-USL series fits both $\frac{5}{8}$ " or 1" studs; series are also available each for $\frac{5}{8}$ " and 1" studs
- Dual-rated to accept copper or aluminum conductors
- Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides
- Meets or exceeds ANSI C119.4 specifications
- Recognized by RUS

Z-USL series

Cat. no.	Outlets	L (in.)	H (in.)	Conductor range (AWG or kcmil)	Stud size (in.)
Z 3033 USL	6	$5\frac{3}{8}$	$2\frac{7}{8}$	#12–350	$\frac{5}{8}$ & 1
Z 4043 USL	8	$6\frac{3}{8}$	$2\frac{7}{8}$	#12–350	$\frac{5}{8}$ & 1
Z 3035 USL	6	$5\frac{11}{16}$	$2\frac{7}{8}$	#6–500	$\frac{5}{8}$ & 1
Z 4045 USL	8	$6\frac{13}{16}$	$2\frac{7}{8}$	#6–500	$\frac{5}{8}$ & 1
Z 3037 USL	6	$6\frac{1}{16}$	$3\frac{3}{8}$	1/0–750	$\frac{5}{8}$ & 1
Z 4047 USL	8	$7\frac{5}{16}$	$3\frac{3}{8}$	1/0–750	$\frac{5}{8}$ & 1

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For insulating boot, please consult your ABB representative.

Z-SL series

Cat. no.	Outlets	L (in.)	H (in.)	Conductor range (AWG or kcmil)	Stud size (in.)
Z 2044 SL	6	$3\frac{15}{16}$	$1\frac{15}{16}$	#12–4/0	$\frac{5}{8}$
Z 3054 SL	8	$4\frac{3}{4}$	$1\frac{15}{16}$	#12–4/0	$\frac{5}{8}$
Z 4064 SL	10	5	$1\frac{15}{16}$	#12–4/0	$\frac{5}{8}$
Z 2043-58 SL	6	$4\frac{1}{4}$	$2\frac{3}{8}$	#12–350	$\frac{5}{8}$
Z 3053-58 SL	8	$5\frac{1}{4}$	$2\frac{3}{8}$	#12–350	$\frac{5}{8}$

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For insulating boot, please consult your ABB representative.

Z-1 SL series

Cat. no.	Outlets	L (in.)	H (in.)	Conductor range (AWG or kcmil)	Stud size (in.)
Z 4023-1 SL	6	$4\frac{3}{4}$	$2\frac{7}{8}$	#12–350	1
Z 5033-1 SL	8	$5\frac{3}{4}$	$2\frac{7}{8}$	#12–350	1
Z 4025-1 SL	6	$5\frac{1}{8}$	$2\frac{7}{8}$	#6–500	1
Z 5035-1 SL	8	$5\frac{3}{4}$	$2\frac{7}{8}$	#6–500	1

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For insulating boot, please consult your ABB representative.

01 For EZ Torque shear-head screws supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



01

Stud-mount transformer connectors

Aluminum universal quick-disconnect transformer connectors –
LRT-UW, LRT-UX and LRT-U series



LRT 44 UW



LRT 44 UX



LRT 33 U

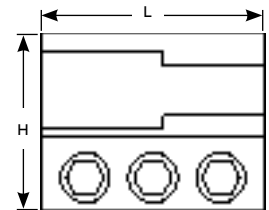
Compact design halves cantilever stress and doubles cable capacity, lessening the occurrence of leaky bushings.

- LRT-UW Series features fully insulated transformer connector to protect connections
- LRT-UX Series features clear deadfront insulator for safe and time-saving installations and disconnects; locks in place by raised set screws or installation of the first conductor
- EPDM rubber cable adapters accommodate #12 solid to 250 kcmil conductors
- Recognized by RUS

Aluminum universal quick-disconnect transformer connectors

Cat. no.	Cable range (AWG or kcmil)	Outlets	Stud size (in.)	L (in.)	H (in.)
LRT-UW series – Fully insulated with Flood-Seal® rockets					
LRT 33 UW	#12–350	6	5/8 & 1	3	2 1/2
LRT 44 UW	#12–350	8	5/8 & 1	4	2 1/2
LRT-UX series – Fully insulated					
LRT 33 UX	#12–350	6	5/8 & 1	4	4 3/8
LRT 44 UX	#12–350	8	5/8 & 1	4	4 3/8
LRT-U series – Bare bar					
LRT 33 U	#12–350	6	5/8 & 1	3	2 1/2
LRT 44 U	#12–350	8	5/8 & 1	4	2 1/2

Diagram



Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For a clear PVC insulating cover, see below.

Clear PVC insulating cover for LRT series



CBB 3344

Clear PVC insulating cover for LRT series

Clear insulating boot protects connections.

- Accommodates six- and eight-outlet connectors for 5/8" or 1" studs

Cat. no.	L (in.)	H (in.)
CBB 3344	4	4 1/4

Stud-mount transformer connectors

Aluminum quick-disconnect transformer connectors – LRT-W, LRT-X and LRT series



LRT 4458 W



LRT 4458 X



LRT 2258

Compact design halves cantilever stress and doubles cable capacity.

- LRT-W Series features fully insulated transformer connector to protect connections
- LRT-X Series features clear deadfront insulator for safe and time-saving installations and disconnects; locks in place by raised set screws or installation of the first conductor
- Recognized by RUS

Aluminum quick-disconnect transformer connectors

Cat. no.	Cable range (AWG or kcmil)	Outlets	Stud size (in.)	L (in.)	H (in.)
LRT-W series – Fully insulated with Flood-Seal® rockets					
LRT 2258 W	#12–350	4	5/8	2	2½
LRT 3358 W	#12–350	6	5/8	3	2½
LRT 4458 W	#12–350	8	5/8	4	2½
LRT 2210 W	#12–350	4	1	2	2½
LRT 3310 W	#12–350	6	1	3	2½
LRT 4410 W	#12–350	8	1	4	2½
LRT-X series – Fully insulated					
LRT 2258 X	#12–350	4	5/8	2	4¾
LRT 3358 X	#12–350	6	5/8	3	4¾
LRT 4458 X	#12–350	8	5/8	4	4¾
LRT 2210 X	#12–350	4	1	2	4¾
LRT 3310 X	#12–350	6	1	3	4¾
LRT 4410 X	#12–350	8	1	4	4¾
LRT series – Bare bar					
LRT 2258	#12–350	4	5/8	2	2½
LRT 3358	#12–350	6	5/8	3	2½
LRT 4458	#12–350	8	5/8	4	2½
LRT 2210	#12–350	4	1	2	2½
LRT 3310	#12–350	6	1	3	2½
LRT 4410	#12–350	8	1	4	2½

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number. For a clear PVC insulating cover, see below.

Clear PVC insulating cover for LRT series



CBB 3344

Clear insulating boot protects connections.

- Accommodates six- and eight-outlet connectors for 5/8" or 1" studs to match the transformer connector you have

Clear PVC insulating cover for LRT series

Cat. no.	L (in.)	H (in.)
CBB 3344	4	4¼

Stud-mount transformer connectors

Aluminum Flood-Seal® 95 series screw-on transformer connectors

For use with aluminum or copper lugs up to 350 kcmil.

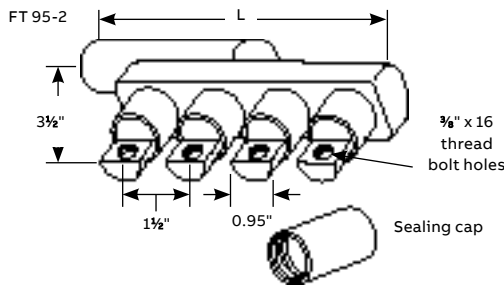
- PVC-insulated aluminum body keeps out moisture while maintaining high conductivity
- Internal/external threaded bushing adapter included with FTU 95 series enables removal of connector without disassembling individual cables

- Dual-rated for use with aluminum or copper lugs from #8 to 350 kcmil
- All Flood-Seal connectors comply with ANSI C119.4 standards

FT 95 series

Cat. no.	Outlets	L (in.)	Stud size (in.)
FT 95-2	2	4	5/8
FT 95-3	3	5½	5/8
FT 95-4	4	7	5/8
FT 95-5	5	8½	5/8
FT 95-6	6	10	5/8
FT 95-44*	8	7	5/8
FT 95-55*	10	8½	5/8
FT 95-66*	12	10	5/8
FT 95-2-1	2	4	1
FT 95-3-1	3	5½	1
FT 95-4-1	4	7	1
FT 95-5-1	5	8½	1
FT 95-6-1	6	10	1
FT 95-44-1*	8	7	1
FT 95-55-1*	10	8½	1
FT 95-66-1*	12	10	1

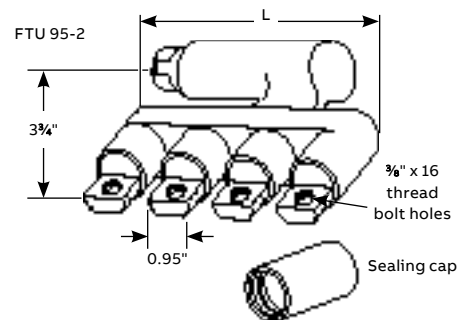
Diagram



FTU 95 series with disconnectable bushing adapter

Cat. no.	Outlets	L (in.)	Stud size (in.)
FTU 95-2	2	4	5/8
FTU 95-3	3	5½	5/8
FTU 95-4	4	7	5/8
FTU 95-5	5	8½	5/8
FTU 95-6	6	10	5/8
FTU 95-44*	8	7	5/8
FTU 95-55*	10	8½	5/8
FTU 95-66*	12	10	5/8
FTU 95-2-1	2	4	1
FTU 95-3-1	3	5½	1
FTU 95-4-1	4	7	1
FTU 95-5-1	5	8½	1
FTU 95-6-1	6	10	1
FTU 95-44-1*	8	7	1
FTU 95-55-1*	10	8½	1
FTU 95-66-1*	12	10	1

Diagram



* Double-row configuration.

Note: All transformer connectors include a jam nut and EPDM rubbing bushing stud cover. All outlets except one are factory-sealed with removable sealing caps. For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the catalog number. For other accessories, see pages C44–C45.

Flood-Seal rockets sold separately

01 CS 2011



01

Stud-mount transformer connectors

Aluminum Flood-Seal® 125 series screw-on transformer connectors



FTU 125-5

For use with aluminum or copper lugs up to 500 kcmil.

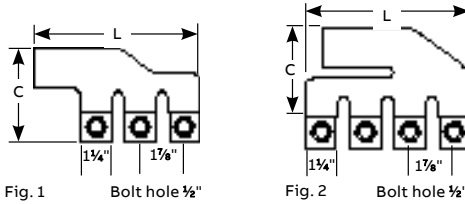
- Heavy PVC-insulated aluminum body keeps out moisture while maintaining high conductivity
- Offset handle design positions cable weight close to tank wall
- Outlets equipped with ½" hex-head bolts with captive Belleville washers accept standard one-hole or two-hole NEMA aluminum or copper lugs
- Comply with ANSI C119.4 specifications
- Recognized by RUS

Aluminum Flood-Seal 125 series screw-on transformer connectors

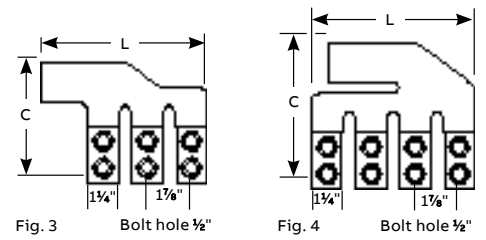
Cat. no.	Figure no.	C (in.)	L† (in.)	Outlets	Stud size (in.)
FTU 125-2	1	3 7/8	4 7/8	2	5/8
FTU 125-3	1	3 7/8	6 5/8	3	5/8
FTU 125-4	2	5 3/16	7 1/8	4	5/8
FTU 125-5	2	5 3/16	9	5	5/8
FTU 125-6	2	5 3/16	10 3/4	6	5/8
FTU 125-44*	2	5 3/16	7 1/8	8	5/8
FTU 1-125-2	1	3 7/8	4 7/8	2	1
FTU 1-125-3	1	3 7/8	6 5/8	3	1
FTU 1-125-4	2	5 3/16	7 1/8	4	1
FTU 1-125-5	2	5 3/16	9	5	1
FTU 1-125-6	2	5 3/16	10 3/4	6	1
FTU 1-125-44*	2	5 3/16	7 1/8	8	1

Cat. no.	Figure no.	C (in.)	L† (in.)	Outlets	Stud size (in.)
FTU 2 N	3	5 5/8	4 7/8	2	5/8
FTU 3 N	3	5 7/8	6 5/8	3	5/8
FTU 4 N	4	6 15/16	7 1/8	4	5/8
FTU 5 N	4	6 15/16	9	5	5/8
FTU 6 N	4	6 15/16	10 3/4	6	5/8
FTU 44 N*	4	6 15/16	7 1/8	8	5/8
FTU 1-2 N	3	5 5/8	4 7/8	2	1
FTU 1-3 N	3	5 5/8	6 5/8	3	1
FTU 1-4 N	4	6 15/16	7 1/8	4	1
FTU 1-5 N	4	6 15/16	9	5	1
FTU 1-6 N	4	6 15/16	10 3/4	6	1
FTU 1-44 N*	4	6 15/16	7 1/8	8	1

Diagrams



Diagrams



* Double-row configuration. † L is the same for 1-hole and 2-hole versions. Note: For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the FTU catalog number. For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTU-N catalog number. For other accessories, see pages C46–C47. All transformer connectors include threaded bushing adapter, bushing stud cover, jam nut and lug mounting hardware.

Flood-Seal rockets sold separately

- 01 CS 2011
- 02 CSN 2011



01

← For 1-hole outlet connectors



02

← For 2-hole outlet connectors

Stud adapter kit

- Works with 5/8" and 1" stud sizes
- Compatible with Flood-Seal 95 and 125 series screw-on transformer connectors

Cat. no.	Stud size (in.)
2135 K	5/8
2250-1 K	1

Note: Includes stud cover and jam nut.

Stud-mount transformer connectors

Copper screw-on transformer stud adapters



2043-10

Adapters for cable-to-stud connections.

- Made from pure electrolytic copper for high conductivity
- Marked with crimp area, installing dies and wire size for easy identification

Screw-on stud adapters

Cat. No.	Stud size (in.)	Cable size (AWG or kcmil)
2043-1	$\frac{5}{8}$ -11	350
2043-2	$\frac{1}{2}$ -13	350
2043-3	$\frac{3}{8}$ -16	350
2043-4	1-14	350
2043-5	$\frac{3}{4}$ -16	4/0
2043-6	1-8	350
2043-7	$\frac{1}{2}$ -13	4/0
2043-8	$\frac{1}{2}$ -13	250
2043-9	$\frac{5}{8}$ -11	250
2043-10	$\frac{5}{8}$ -11	500

Note: For variations or unlisted sizes, please consult your ABB representative.