



## Transformer Connectors and Adapters

### Aluminum Universal Quick Disconnect Transformer Connectors

The EZ Mount™ connector is used on padmount distribution transformers that have a 5/8 in. or 1 in. secondary bushing stud — one mounting hole accepts both sizes of studs without repositioning the connector!

- Connectors are easy to install or remove
- Accept aluminum or copper conductors
- Provide connections for cables ranging from #6 to 500 kcmil and for streetlights ranging from S/L #14 to #2
- EZC Series cover enables safe and time-saving installations and disconnects
- Meets or exceeds ANSI C119.4 specifications and is RUS accepted

### EZC Series Insulated In-Line Bar

Cat. No.	Cable Range	Outlets	Length	Stud Size
<b>EZC 4350 SL</b>	#12–350, S/L #14–#2	4	6-3/4	5/8 & 1
<b>EZC 6350 SL</b>		6	8-3/4	
<b>EZC 8350 SL</b>		8	10-3/4	
<b>EZC 4500 SL</b>	#6–500, S/L #14–#2	4	6-3/4	
<b>EZC 6500 SL</b>		6	8-3/4	
<b>EZC 8500 SL</b>		8	10-3/4	
<b>EZC 8700 SL*</b>	1/0–750, S/L #14–#2	8	12-7/8	

\* Two set-screws per outlet.  
For oxide-inhibitor option, add “-C” suffix to the catalogue number.  
For additional sizes, please consult your Thomas & Betts representative.  
For a single-phase kit containing one uninsulated and two insulated connectors, add “-1K” suffix to the catalogue number.  
For a three-phase kit containing one uninsulated and three insulated connectors, add “-3K” suffix to the catalogue number.



**EZC 6500 SL**

### EZB Series Uninsulated In-Line Bar

Cat. No.	Cable Range	Outlets	Length	Stud Size
<b>EZB 4350 SL</b>	#12–350, S/L #14–#2	4	6-3/4	5/8 & 1
<b>EZB 6350 SL</b>		6	8-3/4	
<b>EZB 8350 SL</b>		8	10-3/4	
<b>EZB 4500 SL</b>	#6–500, S/L #14–#2	4	6-3/4	
<b>EZB 6500 SL</b>		6	8-3/4	
<b>EZB 8500 SL</b>		8	10-3/4	
<b>EZB 8700 SL*</b>	1/0–750, S/L #14–#2	8	12-7/8	

\* Two set-screws per outlet.  
For oxide-inhibitor option, add “-C” suffix to the catalogue number.  
For additional sizes, please consult your Thomas & Betts representative.



**EZB 6500 SL**



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

## Transformer Connectors and Adapters

### Aluminum Transformer Connectors — CSW and CSS Series

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

- Enables safe and time-saving installations and disconnects. It features self-sealing wrench outlets and self-adjusting cable outlets.
- Easy to install or remove
- Accepts aluminum or copper conductors
- Provides connections for cables ranging from #12 to 350 kcmil and from #6 to 500 kcmil
- Meets or exceeds ANSI C119.4 specifications and is RUS accepted



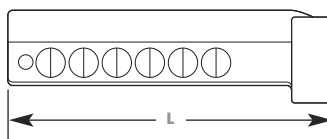
CSS 6500



CSW 4350



Quick Disconnect



Screw-On Style

Quick Disconnect Cat. No.	Screw-On Style Cat. No.	Stud Size	Outlets	Insulator Length	Cable Range
CSW 4350	CSS 4350	5/8	4	5-11/16	#12-350
CSW 6350	CSS 6350		6	7-1/16	
CSW 8350	CSS 8350		8	9-1/16	
CSW 4350-1	CSS 4350-1	1	4	11-1/16	
CSW 6350-1	CSS 6350-1		6	5-1/16	
CSW 8350-1	CSS 8350-1		8	7-1/16	
CSW 4500-58	CSS 4500-58	5/8	4	9-1/16	#2-500
CSW 6500-58	CSS 6500-58		6	11-1/16	
CSW 8500-58	CSS 8500-58		8	5-3/16	
CSW 4500	CSS 4500	1	4	7-3/16	
CSW 6500	CSS 6500		6	9-3/16	
CSW 8500	CSS 8500		8	11-3/16	

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For streetlight-outlet option, add "-SL" suffix to the catalogue number.



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



## Transformer Connectors and Adapters

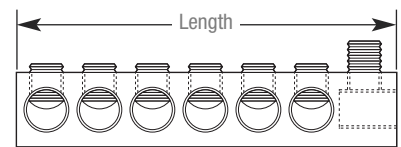
### Aluminum Quick Disconnect Transformer Connectors — ABW In-Line Bar Series

High-strength aluminum alloy maintains constant bolting pressure on conductors

- Easy to remove from transformer secondary studs
- Accepts aluminum or copper conductors
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Meets or exceeds ANSI C119.4 specifications and is RUS accepted



ABW 8500



Cat. No.	Outlets	Length	Boot No.	Cable Range	Stud Size
ABW 240	2	3-1/8	SB 17	#6-250	5/8
ABW 340	3	3-7/8			
ABW 440	4	4-11/16			
ABW 540	5	5-1/2	SB 11		
ABW 640	6	6-1/4			
ABW 740	7	7			
ABW 840	8	7-13/16	SB 14		
ABW 2350	2	3-1/2	SB 17	#12-350	1
ABW 3350	3	4-1/2			
ABW 4350	4	5-1/2			
ABW 4350-1		6-9/16			
ABW 5350	5	6-1/2	SB 11		5/8
ABW 6350	6	7-1/2			1
ABW 6350-1		8-9/16			
ABW 7350	7	8-1/2	SB 14		5/8
ABW 8350	8	9-1/2	SB 2160		1
ABW 8350-1		10-9/16			

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.  
 For insulating boots, see page C77.  
 For special applications and stud sizes, please consult your Thomas & Betts representative.

Cat. No.	Outlets	Length	Boot No.	Cable Range	Stud Size
ABW 2500	2	4-1/16	SB 2147	#6-500	1
ABW 3500	3	5-1/16			
ABW 4500	4	6-1/16	SB 2163-38		
ABW 5500	5	7-1/16	SB 2163-7		
ABW 6500	6	8-1/16	SB 2157		
ABW 7500	7	9-1/16			
ABW 8500	8	10-1/16	SB 2160	1/0-750	
ABW 2750	2	5-1/16	SB 2147		
ABW 3750	3	6-7/16	SB 2163-38		
ABW 4750	4	7-3/4	SB 2120		
ABW 5750	5	9-1/8	SB 2157		
ABW 6750	6	10-1/2	SB 2160		
ABW 7750	7	11-13/16			
ABW 8750	8	13-1/8	SB 2163-10		



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

## Transformer Connectors and Adapters



ABW 350-33

### Aluminum Quick Disconnect Transformer Connectors — ABW Double-Row Bar Series

#### Dual-rated for aluminum or copper conductors

- Maintains constant bolting pressure on conductors
- Easy to remove from transformer secondary studs
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Meets or exceeds ANSI C119.4 specifications and is RUS accepted

Cat. No.	Outlets	Length	Width	Boot No.	Cable Range	Stud Size
ABW 40-22	4	3-1/2	2-1/2	SB 16	#6-250	5/8
ABW 40-33	6	4-1/4				
ABW 40-44	8	5-1/16				
ABW 350-22	4	4			#12-350	
ABW 350-33	6	4-7/8				
ABW 350-44	8	5-7/16				
ABW 500-22	4	4-7/16	2-3/4	SB 2151	#6-500	1
ABW 500-33	6	5-7/16		SB 2158		
ABW 500-44	8	6-7/16				
ABW 750-22	4	4-3/4			1/0-750	
ABW 750-33	6	6-1/8				
ABW 750-44	8	7-7/16		SB 2163-7		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For streetlight-outlet option, add "-SL" suffix to the catalogue number.

For insulating boots, see page C77.

For special applications and stud sizes, please consult your Thomas & Betts representative.



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

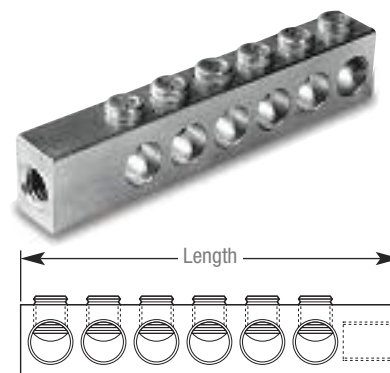


## Transformer Connectors and Adapters

### Aluminum Screw-On Transformer Connectors — ABS In-Line Bar Series

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

- Maintains constant bolting pressure on conductors
- Accepts aluminum or copper conductors
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Meets or exceeds ANSI C119.4 specifications and is RUS accepted



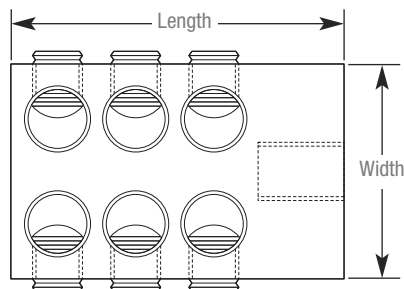
Cat. No.	Boot No.	Stud Size	Outlets	Length	Cable Range
ABS 240	Refer to T&B Rep	5/8	2	2-7/8	#6-250
ABS 340			3	3-5/8	
ABS 440			4	4-7/16	
ABS 540	5		5-1/4		
ABS 640	6		6		
ABS 740	7		6-13/16		
ABS 840	8		7-9/16		
ABS 2350	Refer to T&B Rep		2	3-1/4	#12-350
ABS 3350	SB 17		3	4-1/4	
ABS 4350			4	5-1/4	
ABS 4350-1		5	6-1/4		
ABS 5350	5/8	6	7-1/4		
ABS 6350	SB 11	1	7	8-1/4	
ABS 6350-1		5/8	8	9-1/4	
ABS 7350		2	3-13/16	#6-500	
ABS 8350	SB 14	3	4-13/16		
ABS 8350-1		4	5-13/16		
ABS 2500		SB 17	5		6-13/16
ABS 3500	6		7-13/16		
ABS 4500	7		8-13/16		
ABS 5500	SB 2120	1	8		9-13/16
ABS 6500	SB 2157		2	4-11/16	
ABS 7500	SB 2160		3	6	
ABS 8500	SB 17		4	7-3/8	
ABS 2750			5	8-11/16	
ABS 3750			6	10-1/16	
ABS 4750	SB 2120		7	11-3/8	1/0-750
ABS 5750			8	12-3/4	
ABS 6750					
ABS 7750	SB 2157				
ABS 8750	SB 2160				
	SB 2163-10				

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.  
 For insulating boots, see page C77.

For special applications and stud sizes, please consult your Thomas & Betts representative.



For EZ Torque™ (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number. Shear-head screw is available for all 350 kcmil cable port screws.



## Transformer Connectors and Adapters

### Aluminum Screw-On Transformer Connectors — ABS Double-Row Bar Series

**Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides**

- Maintains constant bolting pressure on conductors
- Easy to remove from transformer secondary threaded studs
- Accepts aluminum or copper conductors
- Meets or exceeds ANSI C119.4 specifications and is RUS accepted

Cat. No.	Boot No.	Stud Size	Outlets	Length	Cable Range
ABS 40-22	SB 16	5/8	4	3-1/16	#6-250
ABS 40-33			6	3-7/8	
ABS 40-44			8	4-11/16	
ABS 350-22			4	3-5/8	#12-350
ABS 350-33			6	4-1/2	
ABS 350-44			8	5-7/16	
ABS 500-22	SB 2151	1	4	3-15/16	#6-500
ABS 500-33			6	4-15/16	
ABS 500-44	SB 2163-6		8	5-15/16	
ABS 750-22	SB 2151		4	4-1/4	
ABS 750-33	SB 2163-6		6	5-9/16	
ABS 750-44			8	6-15/16	

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For streetlight-outlet option, add "-SL" suffix to the catalogue number.

For insulating boots, see page C77.

For special applications and stud sizes, please consult your Thomas & Betts representative.



For EZ Torque™ (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number.



## Transformer Connectors and Adapters

### Aluminum Universal Quick Disconnect Transformer Connectors — RAU Series

#### Dual-rated solutions

- Compact size also reduces cantilever stress
- Fits both 5/8 in. and 1 in. studs
- Approved by the Federal government for utility use

Cat. No.	Outlets	Insulator Length	Cable Range
<b>RAU 4500</b>	4	5-1/2	#6-500
<b>RAU 6500</b>	6	6-7/8	
<b>RAU 8500</b>	8	8-7/8	

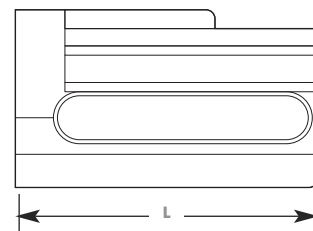
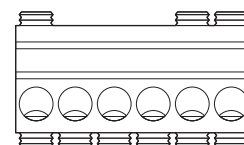
For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For streetlight-outlet option, add "-SL" suffix to the catalogue number.

For see-through insulator option, add "w/cover" suffix to the catalogue number.



**RAU 6500**



### Aluminum Quick Disconnect Transformer Connectors — LRTR Series

#### Get left-hand or right-hand installation capability

- Easy to install or remove and fully insulated with EPDM rubber
- Accepts aluminum or copper conductors

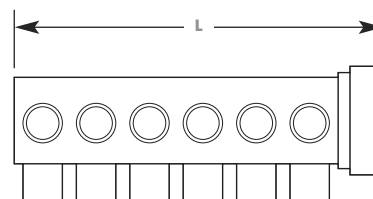


**LRTR 8**

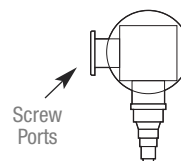
Cat. No.	Outlets	L	Wire Size	Stud Size
<b>LRTR 4</b>	4	7	#12-350	5/8
<b>LRTR 6</b>	6	9		
<b>LRTR 8</b>	8	11		
<b>LRTR 4W*</b>	4	7		
<b>LRTR 6W*</b>	6	9		
<b>LRTR 8W*</b>	8	11		

\* Watertight cable and screw ports.

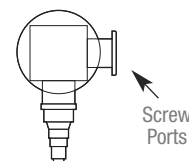
For oxide-inhibitor option, add "-C" suffix to the catalogue number.



End View



**Left Hand**



**Right Hand**



For EZ Torque™ (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number. Shear-head screw is available or both the stud locking screws as well as all 350 kcmil cable port screws.





Transformer Connectors and Adapters

Aluminum Quick Disconnect Transformer Connectors — CLRTR Series

See more of what you're doing!

- Enables safe and time-saving installations and disconnects — and provides insulation
- Enables right- or left-hand installation
- Accepts aluminum or copper conductors
- Approved by the Federal government for utility use



CLRTR 6

Cat. No.	Outlets	Conductor Range	Stud Size
CLRTR 4	4	#12–350	5/8
CLRTR 6	6		
CLRTR 45-58	4	#6–500	
CLRTR 65-58	6		

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



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





## Transformer Connectors and Adapters

### Aluminum Quick Disconnect Transformer Connectors — ABD Series

#### Dual-rated and streetlight ready

- Added versatility to make an additional connection
- Meets or exceeds ANSI C119.4 specifications
- Approved by the Federal government for utility use



ABD 8350 SL

Cat. No.	Outlets	Stud Size	Conductor Range
ABD 4350 SL	4	5/8	#12–350
ABD 6350 SL	6		
ABD 8350 SL	8		

\* Double-row configuration.  
For oxide-inhibitor option, add “-C” suffix to the catalogue number.



For EZ Torque™ (shear-head screws) supplied in all outlets, add “-TS” suffix to the catalogue number.

Cat. No.	Outlets	Stud Size	Conductor Range
ABD 4350-1 SL	4	1	#12–350
ABD 6350-1 SL	6		
ABD 8350-1 SL	8		

### AD Series Adapter

#### The adapter made for the ABD Series

- Compatible with ABD Series (above)

Cat. No.	Stud Size
AD 58	5/8
AD 1	1



AD 58



LRT 6350

## Transformer Connectors and Adapters

### Aluminum Quick Disconnect Transformer Connectors — LRT Series

Clearly the best deadfront connector

- Rated for 480 V, it enables safe and time-saving installations and disconnects. It insulates 2, 4, 6 or 8 outlet connectors.
- Enables right- or left-hand installation
- No lost parts
- Accepts aluminum or copper conductors
- Meets or exceeds ANSI C119.4 specifications. Also REA approved.
- Approved by the Federal government for utility use

Cat. No.	Outlets	Insulator Length	Wire Range
LRT 2350	2	7-1/4	#12-350
LRT 4350	4		
LRT 6350	6	10-1/4	
LRT 8350	8		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.



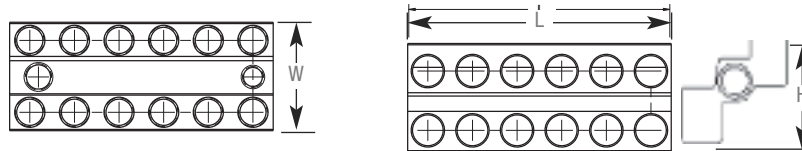
For EZ Torque™ (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number. Shear-head screw is available for both the stud locking screws as well as all 350 kcmil cable port screws.

## Transformer Connectors and Adapters

### Transformer Connectors — TWB™ Series

**Compact design doubles cable capacity and halves cantilever stress**

- Maintains constant bolting pressure on conductors
- Accepts aluminum or copper conductors
- Seals out moisture after installation
- Meets ANSI C119.4 specifications



### Transformer Connectors, 350 Series – Bare TWB™ Bars, Dual-Rated

Quick Disconnect Cat. No.	Screw On Cat. No.	Ports	Cable Range	Stud Size (in.)	Dimensions in. (mm)			Available Clear PVC Covers (ordered separately)	
					H	W	L	Lock On	Slip On
TWB6359D58	TWB6359J58	6	#12-350	5/8	2.6 (66)	2.6 (66)	3.1 (78)	LWC63-58	SC85-58
TWB8359D58	TWB8359J58	8					4.1 (105)	LWC83-58	
TWB10359D58	TWB10359J58	10					5.2 (132)	LWC103-59	SC125-58
TWB12359D58	TWB12359J58	12					6.3 (159)	LWC123-59	
TWB6359D10	TWB6359J10	6	#12-350	1	3.0 (75)	2.8 (70)	3.1 (78)	LWC63-1	SC85-1
TWB8359D10	TWB8359J10	8					4.1 (105)	LWC83-1	
TWB10359D10	TWB10359J10	10					5.2 (132)	LWC103-1	SC125-1
TWB12359D10	TWB12359J10	12					6.3 (159)	LWC123-1	
TWB6359D51A	—	6	#12-350	5/8 and 1	3.4 (86)	3.0 (77)	3.1 (78)	LWC63-1	SC85-1
TWB8359D51A		8					4.1 (105)	LWC83-1	
TWB10359D51A		10					5.2 (132)	LWC103-1	SC125-1
TWB12359D51A		12					6.3 (159)	LWC123-1	

### Transformer Connectors, 500 Series – Bare TWB™ Bars, Dual-Rated

Quick Disconnect Cat. No.	Screw On Cat. No.	Ports	Cable Range	Stud Size (in.)	Dimensions in. (mm)			Available Clear PVC Covers (ordered separately)	
					H	W	L	Lock On	Slip On
TWB6559D58	TWB6559J58	6	#6-500	5/8	2.8 (71)	2.8 (71)	3.4 (86)	LWC65-58	SC85-58
TWB8559D58	TWB8559J58	8					4.6 (117)	LWC85-58	
TWB10559D58	TWB10559J58	10					5.8 (147)	LWC105-58	SC125-58
TWB6559D10	TWB6559J10	6	#10-500	1	3.4 (86)	3.0 (77)	3.4 (86)	LWC65-1	SC85-1
TWB8559D10	TWB8559J10	8					4.6 (117)	LWC85-1	
TWB10559D10	TWB10559J10	10					5.8 (147)	LWC105-1	SC125-1
TWB12559D10	TWB12559J10	12					6.9 (175)	LWC125-1	
TWB6559D51A	—	6	#10-500	5/8 and 1	3.1 (78)	2.8 (71)	3.4 (86)	LWC65-1	SC85-1
TWB8559D51A		8					4.6 (117)	LWC85-1	
TWB10559D51A		10					5.8 (147)	LWC105-1	SC125-1
TWB12559D51A		12					6.9 (175)	LWC125-1	

To order connectors without oxide inhibitor, remove "9" from the catalogue number.  
 To order a kit containing two insulated and one uninsulated connectors, add "-K21" suffix to the catalogue number.  
 For streetlight option, add "S" before "D" or "J" to the catalogue number. Option is for wire ranges #14 to 1/0.  
 To order TWB connector with a cover, add "-C" suffix to the catalogue number for a lock-on version or "-CS" suffix to the catalogue number for a slip-on version.  
 For additional product options, please consult your Thomas & Betts representative.



## Transformer Connectors and Adapters

### Aluminum Universal Quick Disconnect Transformer Connectors — ZVW-EZSL and Z-EZSL Series

The EZ Mount™ connector is used on padmount distribution transformers that have a 5/8 in. or 1 in. secondary bushing stud — one mounting hole accepts both sizes of studs without repositioning the connector!

- Distributes the 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.
- Two stud locking screws fully engage on either stud size, maximizing the engagement force on the stud
- Halves cantilever stress and doubles cable capacity
- A 5/16 in. hex wrench does it all — including the streetlight outlet
- Truly universal — both series fit 5/8 in. or 1 in. studs
- Provides high-strength and high-conductivity
- Connectors are easy to install or remove
- Added versatility to make an additional connection
- Meets or exceeds ANSI C119.4 specifications
- Approved by the Federal government for utility use

ZVW 4023 EZSL



Z 4023 EZSL



#### ZVW-EZSL Series with Clear PVC Lock-On Insulating Cover

Cat. No.	Outlets	Conductor Range	Stud Size
ZVW 4023 EZSL	6	#12-350	5/8 and 1
ZVW 5033 EZSL	8		
ZVW 4025 EZSL	6	#6-500	
ZVW 5035 EZSL	8		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalogue number.

#### Z-EZSL Series with Optional Clear PVC Drop-On Insulating Cover

Cat. No.	Outlets	Boot No.	Conductor Range	Stud Size
Z 4023 EZSL	6	EZ 5912-3	#12-350	5/8 and 1
Z 5033 EZSL	8	EZ 5912-7		
Z 4025 EZSL	6	EZ 5912-3	#6-500	
Z 5035 EZSL	8	EZ 5912-7		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

A cover can also be installed on the Z-EZSL Series. For details, please consult your Thomas & Betts representative.



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



## Transformer Connectors and Adapters

### Aluminum Universal Quick Disconnect Transformer Connectors — ZVW-USL, ZVW-SL and ZVW-1 SL Series

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

- Halves cantilever stress and doubles cable capacity
- All screws are on top
- A 5/16 in. hex wrench does it all — including the streetlight outlet
- ZVW-USL Series fits both 5/8 in. or 1 in. studs. Series are also available each for 5/8 in. and 1 in. studs.
- Accepts copper or aluminum conductors
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Meets or exceeds ANSI C119.4 specifications
- Approved by the Federal government for utility use



ZVW 4045 USL



ZVW 3053-58 SL



ZVW 5033-1 SL

#### ZVW-USL Series

Cat. No.	Outlets	Length	Conductor Range	Stud Size
ZVW 3033 USL	6	5-3/8	#12-350	5/8 and 1
ZVW 4043 USL	8	6-3/8		
ZVW 3035 USL	6	5-11/16	#6-500	
ZVW 4045 USL	8	6-13/16		
ZVW 3037 USL	6	6-3/8	1/0-750	
ZVW 4047 USL	8	7-5/8		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalogue number.

#### ZVW-SL Series

Cat. No.	Outlets	Length	Conductor Range	Stud Size
ZVW 2044 SL	6	3-15/16	#12-4/0	5/8
ZVW 3054 SL	8	4-3/4		
ZVW 4064 SL	10	5		
ZVW 2043-58 SL	6	4-3/8	#12-350	
ZVW 3053-58 SL	8	5-3/8		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalogue number.

#### ZVW-1 SL Series

Cat. No.	Outlets	Length	Conductor Range	Stud Size
ZVW 4023-1 SL	6	4-3/4	#12-350	1
ZVW 5033-1 SL	8	5-3/4		
ZVW 4025-1 SL	6	5-1/8	#6-500	
ZVW 5035-1 SL	8	6-1/4		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalogue number.



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



**Z 4045 USL**



**Z 2043-58 SL**



**Z 5033-1 SL**

## Transformer Connectors and Adapters

### Aluminum Universal Quick Disconnect Transformer Connectors — Z-USL, Z-SL and Z-1 SL Series

#### Compact secondary transformer connectors with a streetlight outlet

- Halves cantilever stress and doubles cable capacity
- All screws are on top. A 5/16 in. hex wrench does it all — including the streetlight outlet.
- Z-USL Series fits both 5/8 in. and 1 in. studs. Series are also available each for 5/8 in. and 1 in. studs.
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Meets or exceeds ANSI C119.4 specifications
- Approved by the Federal government for utility use

#### Z-USL Series

Cat. No.	Outlets	Length	Height	Cable Range	Stud Size
<b>Z 3033 USL</b>	6	5-3/8	2-7/8	#12-350	5/8 and 1
<b>Z 4043 USL</b>	8	6-3/8			
<b>Z 3035 USL</b>	6	5-11/16			
<b>Z 4045 USL</b>	8	6-13/16			
<b>Z 3037 USL</b>	6	6-1/16	3-1/8	1/0-750	
<b>Z 4047 USL</b>	8	7-5/16			

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For insulating boot, please consult your Thomas & Betts representative.

#### Z-SL Series

Cat. No.	Outlets	Length	Height	Cable Range	Stud Size
<b>Z 2044 SL</b>	6	3-15/16	1-15/16	#12-4/0	5/8
<b>Z 3054 SL</b>	8	4-3/4			
<b>Z 4064 SL</b>	10	5			
<b>Z 2043-58 SL</b>	6	4-1/4	2-3/8	#12-350	
<b>Z 3053-58 SL</b>	8	5-1/4			

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For insulating boot, please consult your Thomas & Betts representative.

#### Z-1 SL Series

Cat. No.	Outlets	Length	Height	Cable Range	Stud Size
Z 4023-1 SL	6	4-3/4	2-7/8	#12-350	1
Z 5033-1 SL	8	5-3/4			
Z 4025-1 SL	6	5-1/8			
Z 5035-1 SL	8	5-3/4		#6-500	

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For insulating boot, please consult your Thomas & Betts representative.



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



## Transformer Connectors and Adapters

### Aluminum Universal Quick Disconnect Transformer Connectors — LRT-UW, LRT-UX and LRT-U Series

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

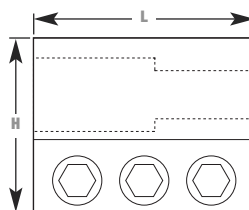
- Protects connections
- Enables safe and time-saving installations and disconnects. Deadfront Insulator Locks in place by raised set screws or installation of the first conductor.
- More choices for your connections
- Approved by the Federal government for utility use



### Aluminum Transformer Connectors

Cat. No.	Cable Range	Outlets	Stud Size	L	H
LRT-UW Series – Fully Insulated with Flood-Seal™ Rockets					
LRT 33 UW	#12–350	6	5/8 and 1	3	2-1/2
LRT 44 UW		8		4	
LRT-UX Series – Fully Insulated					
LRT 33 UX	#12–350	6	5/8 and 1	4	4-3/8
LRT 44 UX		8			
LRT-U Series – Bare Bar					
LRT 33 U	#12–350	6	5/8 and 1	3	2-1/2
LRT 44 U		8		4	

For oxide-inhibitor option, add “-C” suffix to the catalogue number.  
For a clear PVC insulating cover, see below.



### Clear PVC Insulating Cover for LRT Series

Clear insulating boot protects connections

- Matches the transformer connector you have

Cat. No.	Length	Height
CBB 3344	4	4-1/4





MAGIC-ON

LRT 44 UW



## Transformer Connectors and Adapters

### Aluminum Quick Disconnect Transformer Connectors — LRT-W, LRT-X and LRT Series

Compact design halves cantilever stress and doubles cable capacity

- Protects connections
- Enables safe and time saving installations and disconnects
- Locks in place by raised set screws or installation of the first conductor
- Approved by the federal government for utility use



LRT 44 UX



LRT 2258

### Aluminum Transformer Connectors

Cat. No.	Cable Range	Outlets	Stud Size	Length	Height
LRT-W Series – Fully Insulated with Flood-Seal™ Rockets					
LRT 2258 W	#12–350	4	5/8	2	2-1/2
LRT 3358 W		6		3	
LRT 4458 W		8		4	
LRT 2210 W		4	2		
LRT 3310 W		6	3		
LRT 4410 W		8	4		
LRT-X Series – Fully Insulated					
LRT 2258 X	#12–350	4	5/8	2	4-3/8
LRT 3358 X		6		3	
LRT 4458 X		8		4	
LRT 2210 X		4	2		
LRT 3310 X		6	3		
LRT 4410 X		8	4		
LRT Series – Bare Bar					
LRT 2258	#12–350	4	5/8	2	2-1/2
LRT 3358		6		3	
LRT 4458		8		4	
LRT 2210		4	2		
LRT 3310		6	3		
LRT 4410		8	4		

For oxide-inhibitor option, add “-C” suffix to the catalogue number.  
For a clear PVC insulating cover, see below.

### Clear PVC Insulating Cover for LRT Series

Clear insulating boot protects connections

- Matches the transformer connector you have

Cat. No.	Length	Height
CBB 3344	4	4-1/4

CBB 3344

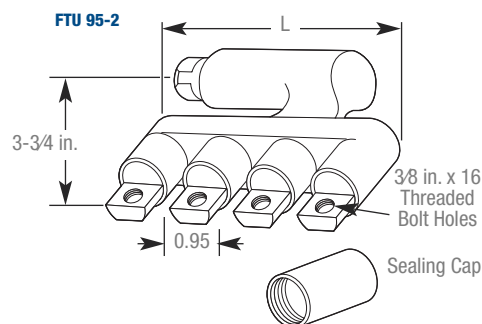
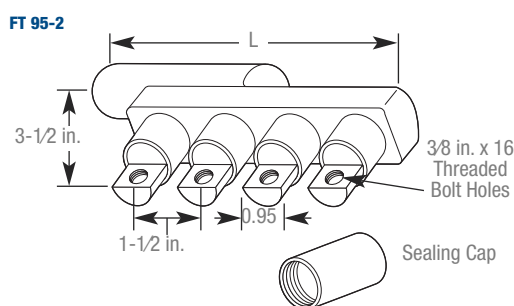


## Transformer Connectors and Adapters

### Aluminum Flood-Seal™ 95 Series Screw-On Transformer Connectors

For use with aluminum or copper lugs up to 350 kcmil

- Keeps out moisture while maintaining high-conductivity
- Enables removal of connector without disassembling individual cables
- Use with aluminum or copper lugs from #8 to 350 kcmil
- All Flood-Seal™ connectors comply with ANSI C119.4



### Aluminum Flood-Seal™ 95 Series Screw-On Transformer Connectors

Cat. No.	Outlets	L	Stud Size
<b>FT 95 Series</b>			
FT 95-2	2	4	5/8
FT 95-3	3	5-1/2	
FT 95-4	4	7	
FT 95-5	5	8-1/2	
FT 95-6	6	10	
FT 95-44*	8	7	
FT 95-55*	10	8-1/2	
FT 95-66*	12	10	
FT 95-2-1	2	4	1
FT 95-3-1	3	5-1/2	
FT 95-4-1	4	7	
FT 95-5-1	5	8-1/2	
FT 95-6-1	6	10	
FT 95-44-1*	8	7	
FT 95-55-1*	10	8-1/2	
FT 95-66-1*	12	10	

Cat. No.	Outlets	L	Stud Size
<b>FTU 95 Series with Disconnectable Bushing Adapter</b>			
FTU 95-2	2	4	5/8
FTU 95-3	3	5-1/2	
FTU 95-4	4	7	
FTU 95-5	5	8-1/2	
FTU 95-6	6	10	
FTU 95-44*	8	7	
FTU 95-55*	10	8-1/2	
FTU 95-66*	12	10	
FTU 95-2-1	2	4	1
FTU 95-3-1	3	5-1/2	
FTU 95-4-1	4	7	
FTU 95-5-1	5	8-1/2	
FTU 95-6-1	6	10	
FTU 95-44-1*	8	7	
FTU 95-55-1*	10	8-1/2	
FTU 95-66-1*	12	10	

\* Double-row configuration.  
 All Transformer Connectors include a jam nut and EPDM rubber 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 catalogue number.  
 Other accessories, see page C28.

CS 2011 Flood-Seal™ Rockets Sold Separately



CS 2011



FTU 125-5

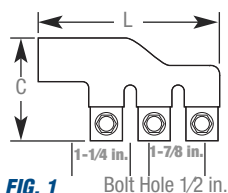


FIG. 1 Bolt Hole 1/2 in.

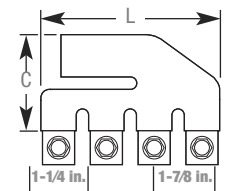


FIG. 2 Bolt Hole 1/2 in.

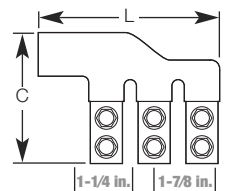


FIG. 3 Bolt Hole 1/2 in.

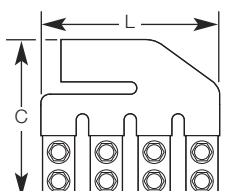


FIG. 4 Bolt Hole 1/2 in.

## Transformer Connectors and Adapters

### Aluminum Flood-Seal™ 125 Series Screw-On Transformer Connectors

For use with aluminum or copper lugs up to 500 kcmil

- Keeps out moisture while maintaining high-conductivity
- Positions cable weight close to tank wall
- Accept standard one-hole or two-hole NEMA aluminum or copper lugs
- Comply with ANSI C119.4 and are RUS Accepted

### Aluminum 125 Series Screw-On Transformer Connectors

Cat. No.	Figure No.	C	L †	Outlets	Stud Size
FTU 125-2	1	3-7/8	4-7/8	2	5/8
FTU 125-3			6-5/8	3	
FTU 125-4	2	5-3/16	7-1/8	4	5/8
FTU 125-5			9	5	
FTU 125-6			10-3/4	6	
FTU 125-44*			7-1/8	8	
FTU 1-125-2	1	3-7/8	4-7/8	2	1
FTU 1-125-3			6-5/8	3	
FTU 1-125-4	2	5-3/16	7-1/8	4	1
FTU 1-125-5			9	5	
FTU 1-125-6			10-3/4	6	
FTU 1-125-44*			7-1/8	8	

\* Double-row configuration. † L is the same for 1-hole and 2-hole versions.  
 For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the FTU catalogue number.  
 For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTU-N catalogue number.  
 For other accessories, see page C28.  
 All Transformer Connectors include threaded bushing adapter, bushing stud cover, jam nut and lug mounting hardware.

Cat. No.	Figure No.	C	L †	Outlets	Stud Size
FTU 2 N	3	5-5/8	4-7/8	2	5/8
FTU 3 N			6-5/8	3	
FTU 4 N	4	6-15/16	7-1/8	4	5/8
FTU 5 N			9	5	
FTU 6 N			10-3/4	6	
FTU 44 N*			7-1/8	8	
FTU 1-2 N	3	5-5/8	4-7/8	2	1
FTU 1-3 N			6-5/8	3	
FTU 1-4 N	4	6-15/16	7-1/8	4	1
FTU 1-5 N			9	5	
FTU 1-6 N			10-3/4	6	
FTU 1-44 N*			7-1/8	8	

Flood-Seal™ Rockets Sold Separately



CS 2011

For 1-Hole Outlet Connectors



CSN 2011

For 2-Hole Outlet Connectors

### Stud Adapter Kit

Compatible with Flood-Seal™ 95 and 125 Series Screw-On Transformer Connectors

Cat. No.	Stud Size
2250-1 K	5/8
2135 K	1

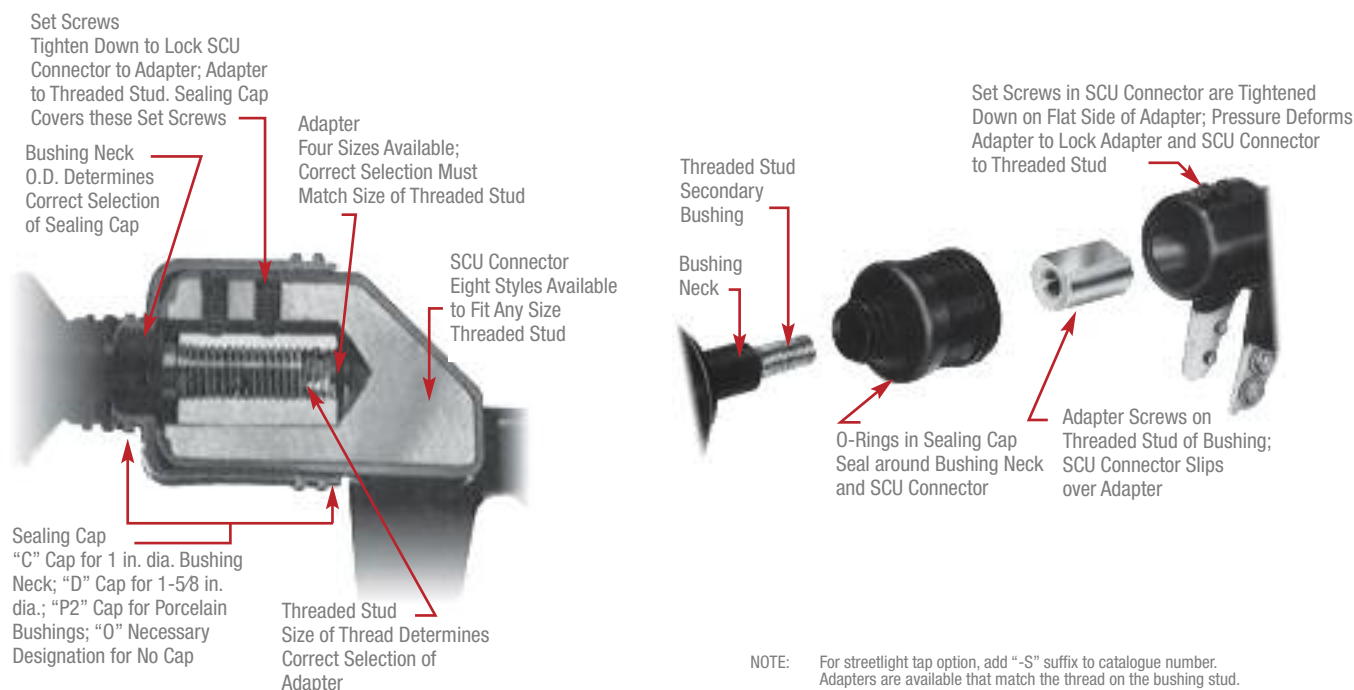
Includes Stud Cover and Jam Nut.

## Transformer Connectors and Adapters

### Submersible Transformer Bus

**Removable connector is designed for a padmount or submersible transformer's threaded-stud secondary bushings**

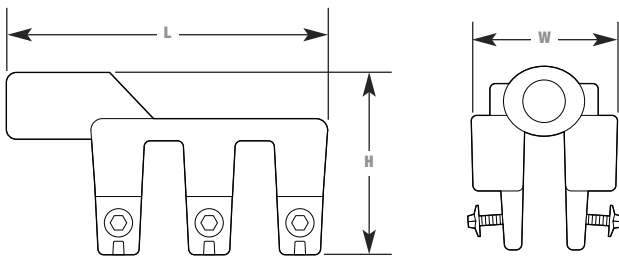
- Provides high-strength and keeps out moisture. Fits #6 stranded through 500 kcmil aluminum conductors.
- Select Squid® Sealing Sleeves (page C33) for each tap to make the transformer bus completely submersible and deadfront
- Connector can be detached from the transformer without disconnecting the attached conductors
- Supplied with Sems-type 3/8 in. plated steel bolt with captive Belleville washer; use Slotted-Tang Compression Terminal Lugs (Section "C" of Power Connections and Grounding Catalogue)
- Mate with boss on Slotted-Tang Compression Terminal Lugs to prevent lugs from rotating



## Transformer Connectors and Adapters

### Submersible Transformer Bus

Cat. No.	Wire Range	For Stud Thread	No. of Terminals	Bolts per Terminal	Dimensions in. (mm)		
					L	H	W
SCU 11	#4-500	-	1	2	3.6 (90)	5.7 (144)	2.3 (57)
SCU 22			2		5.8 (146)		
SCU 40	#6-350	1-14, 5/8-11	4	1	9.1 (230)	4.7 (120)	
SCU 44	#4-500			2	10 (254)	5.7 (144)	3.5 (89)
SCU 60	#6-350	-	6	1	7.9 (200)	4.8 (122)	
SCU 66	#4-500			2	8.1 (204.8)	5.6 (143)	3.2 (81)
SCU 80	#6-350		8	1	10 (254)	4.8 (122)	3.5 (89)
SCU 88	#4-500			2	10.2 (259)	5.6 (143)	4 (102)



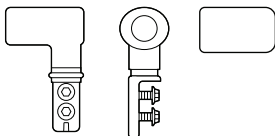
#### Adapters

Cat. No.	For Stud Thread
A 10 BB	1-14
A 58	5/8-11

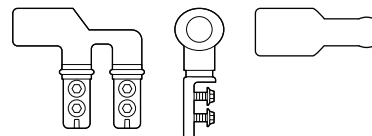
#### Sealing Caps

Cat. No.	Bushing Neck Dia.
C	1
D	1-5/8
P 2	For porcelain bushings
0	Must be designated if no sealing cap desired

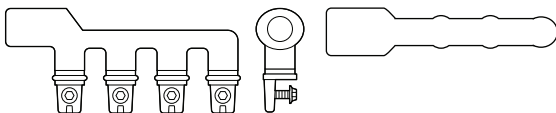
SCU 11  
Profile End View Top View



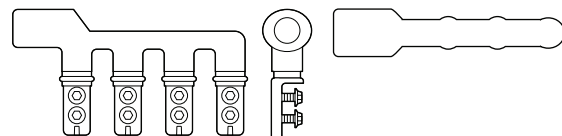
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Profile End View Top View



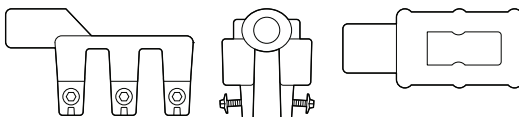
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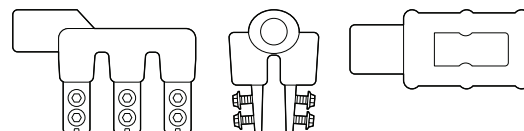
SCU 44  
Profile End View Top View



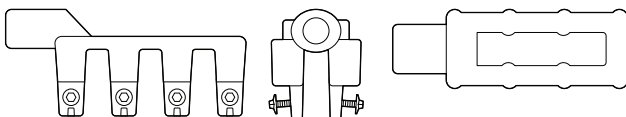
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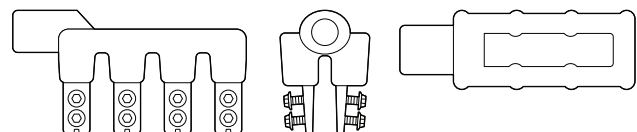
SCU 66  
Profile End View Top View



SCU 80  
Profile End View Top View



SCU 88  
Profile End View Top View



## Transformer Connectors and Adapters

### Copper Screw-On Transformer Stud Adapters

#### Adapters for cable-to-stud connections

- Provides high-conductivity
- Easy identification



2043-10

Cat. No.	Stud Size	Cable Size
2043-1	5/8-11	350
2043-2	1/2-13	
2043-3	3/8-16	
2043-4	1-14	
2043-5	3/4-16	4/0
2043-6	1-8	350
2043-7	1/2-13	4/0
2043-8		250
2043-9	5/8-11	500
2043-10		

For variations or unlisted sizes, please consult your Thomas & Betts representative.

## Transformer Connectors and Adapters

### Copper Tin-Plated Transformer Stud Adapters

#### Adapters for NEMA pad-style connections

- Provides high-conductivity
- Resists corrosion
- Accepts standard aluminum or copper NEMA lugs



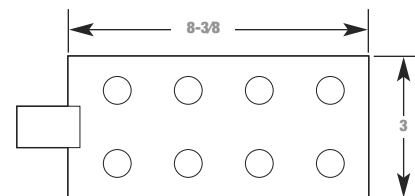
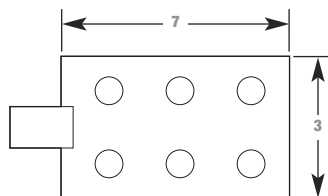
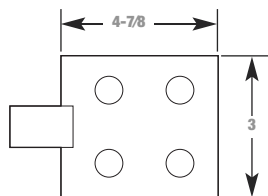
2042-1



2042-4



2042-8



### Copper Tin-Plated Transformer Stud Adapters

Cat. No.	Stud Size
<b>Four-Hole Transformer Stud Adapters</b>	
2042-1	5/8-11
2042-2	1-14
2042-3	1-1/2-13

For variations or unlisted sizes, please consult your Thomas & Betts representative.

Cat. No.	Stud Size
<b>Six-Hole Transformer Stud Adapters</b>	
2042-4	5/8-11
2042-5	1-14
2042-6	1-1/4-12
2042-7	

Cat. No.	Stud Size
<b>Eight-Hole Transformer Stud Adapters</b>	
2042-8	5/8-11
2042-9	1-14
2042-10	1-1/4-12
2042-11	



## Transformer Connectors and Adapters

### Aluminum Lay-In Transformer Spade Connectors — ABK™ and AK™ Series

The slide-out Keeper minimizes the hassle and hazards of forcing cables into closed ports

- No crimping tools or dies or other special tools needed for installation
- There is no need to disconnect all the conductors, as with compression systems
- Use with aluminum or copper cable
- Maximize contact area and mechanical characteristics
- Ensure even force distribution in the cable/connector interface
- Approved by the Federal government for utility use



ABK 1750



ABK 3750



AK 600 N

### Aluminum Lay-In Transformer Spade Connectors

Cat. No.	Outlets	Cable Range	Length	Height	Mount Holes
<b>ABK™ Series</b>					
ABK 1600 DS	1	#2–600	1-41/64	6	2
ABK 4600 DS	4		6		4
ABK 6600 DS	6		8-29/32		8
ABK 1750	1	1/0–750	1-53/64	6-3/16	2
ABK 2750	2		3-15/16		4
ABK 3750	3		5-3/32		6
ABK 4750	4		6-47/64		8
ABK 6750	6		10		12
ABK 8750	8		13-1/2		16
ABK 11000	1	1/0–1000	1-5/8	6-3/16	2
ABK 11000 SSN*	1				2
ABK 21000	2		3-5/8		4
ABK 31000	3		5-15/16		6
ABK 41000	4		7		8
ABK 61000	6		10-3/8		16
ABK 81000	8		13-3/4		18

\* Slotted pad holes.

For tin-plating option, add "-TN" suffix to the catalogue number.

Cat. No.	Outlets	Cable Range	Length	Height	Mount Holes
ABK™ Series – Tall Pad Design					
ABK 1750	1	1/0–750	1-53/64	8-1/2	3
ABK 2750	2		3-15/16		6
ABK 3750	3		5-3/32		9
ABK 4750	4		6-47/64		12
ABK 6750	6		10		18
ABK 8750	8		13-1/2		24
AK™ Series					
AK 600 N	1	#2–600	–	–	–

## Transformer Connectors and Adapters



ABK 441000



ABK 81-7024 L



ABK 881-7024

### Aluminum Lay-In Transformer Spade Connectors — ABK™ 1000 and ABK™ 7024 Series

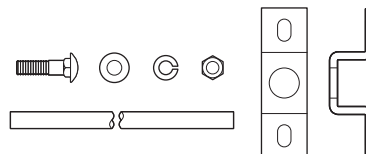
#### Save time and labor by placing cables into the Keeper slot

- Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
- Added versatility with everything you need to make the connection
- No crimping tools or dies or other special tools are needed for installation
- There is no need to disconnect all the conductors, as with compression systems
- Use with aluminum or copper cable
- Ensure even force distribution in the cable/connector interface
- Approved by the Federal government for utility use

#### ABK 7024 Series Support Kit

##### The best components to make your ABK 7024 connections!

- (1) 30 in. fiberglass support rod
- (4) 1/2 in.-13 stainless steel carriage bolts
- (4) 1/2 in. stainless steel flat washers
- (4) 1/2 in. stainless steel lock washers
- (4) 1/2 in. silicone bronze nuts
- (2) tin-plated support brackets



### Aluminum Lay-In Transformer Spade Connectors

Cat. No.	Outlets	Conductor Range
<b>ABK™ 1000 Series – Back-To-Back</b>		
ABK 221000	4	1/0–1000
ABK 331000	6	
ABK 441000	8	
ABK 661000	12	
ABK 881000	16	

Cat. No.	Outlets	Conductor Range
<b>ABK™ 7024 Series – Single Row</b>		
ABK 81-7024 R	8	1/0–1000
ABK 81-7024 L		

Cat. No.	Outlets	Conductor Range
<b>ABK™ 7024 Series – Back-to-Back</b>		
ABK 881-7024	16	1/0–1000

For oxide-inhibitor option, add “-C” to the catalogue number.  
For SB Series insulating covers, see page C76.



## Transformer Connectors and Adapters

### Aluminum Quick Disconnect Lay-In Transformer Connectors — ZBKW™ Series

**Get two times the cable capacity in the same length**

- Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
- Halves cantilever stress and doubles cable capacity
- Make mounting to the transformer stud easy and shear off at the proper torque
- Provides high-strength and high-conductivity
- Use with aluminum or copper cable
- Connector is easy to install or remove
- Provides connections for cables ranging from 1/0 to 1000 kcmil
- Greater versatility for additional connections
- Approved by the Federal government for utility use



#### ZBKW™ 2 SLM Series

Cat. No.	Conductor Range	Outlets	Size
ZBKW 2041-1-2 SLM	1/0–1000 main, (2) #12–1/0 streetlight	6	8.2
ZBKW 2041-1-2 SLRM			
ZBKW 3051-1-2 SLM		8	9.9
ZBKW 3051-1-2 SLRM			
ZBKW 4061-1-2 SLM		10	11.5
ZBKW 4061-1-2 SLRM			
ZBKW 5071-1-2 SLM		12	13.2
ZBKW 5071-1-2 SLRM			

Includes 1 in. transformer stud, two streetlight outlets and mounting support provision.

#### ZBKW™ 2 SLCTM Series

Cat. No.	Conductor Range	Outlets	Size
ZBKW 3031-1-2 SLCTM	1/0–1000 main, (2) #12–1/0 streetlight	6	9.9
ZBKW 3031-1-2 SLRCTM			
ZBKW 4041-1-2 SLCTM		8	11.5
ZBKW 4041-1-2 SLRCTM			

Includes 1 in. transformer stud, two streetlight outlets, current transformer and mounting support provision.  
For 1-1/4 in. stud, change “-1” suffix to “-1.25.” For 1-1/2 in. stud, change “-1” suffix to “-1.5.”



## Transformer Connectors and Adapters

### Aluminum Lay-In Transformer Spade Connectors — ZBK™ Series

**Compact Zeebar™ design halves cantilever stress and doubles cable capacity**

- Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
- Connector can be unbolted from the spade without the need to disconnect the service conductors
- Provides high-strength and high-conductivity
- Use with aluminum or copper cable
- Provides connections for cables ranging from 1/0 to 750 kcmil or from 1/0 to 1000 kcmil
- Approved by the Federal government for utility use



ZBK 4047



ZBK 6067

Cat. No.	Conductor Range	Outlets	Size
ZBK 1017	1/0–750	2	2
ZBK 2027		4	4
ZBK 3037		6	6
ZBK 4047		8	8
ZBK 6067		12	12
ZBK 8087		16	16
ZBK 2021	1/0–1000	4	4
ZBK 3031		6	6
ZBK 4041		8	8
ZBK 6061		12	12
ZBK 8081		16	16

For oxide-inhibitor option, add “-C” suffix to the catalogue number.  
 For SB Series insulating boots, see page C76.  
 For tin-plating option, add “-TN” suffix to the catalogue number.

## Transformer Connectors and Adapters

### Aluminum Transformer Spade Connectors

#### ABT™ Single Set-Screw Series

High-strength aluminum alloy maximizes electrical and mechanical performance

- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Accepts copper or aluminum conductors
- Meets or exceeds ANSI C119.4 specifications



ABT 4350-48



ABT 6350

#### ABT™ Series – Single-Row Mounting Holes

Cat. No.	Outlets	Length	Mounting Holes	Conductor Range
ABT 440-48	4	4-3/4	3	#6-250
ABT 640-48	6	5-15/16	4	
ABT 840-48	8	7-15/16		
ABT 4350-48	4	4-5/8	3	#12-350
ABT 6350-48	6	6-1/2	4	
ABT 8350-48	8	8-1/4	5	
ABT 4500-48	4	4-9/16	3	#6-500
ABT 6500-48	6	6-1/2	4	
ABT 8500-48	8	9-1/4	6	

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For SB Series insulating covers, see page C76.

For tin-plating option, add "-TN" suffix to the catalogue number.

#### ABT™ Series – Double-Row Mounting Holes

Cat. No.	Outlets	Length	Mounting Holes	Conductor Range
ABT 440	4	4-3/4	6	#6-250
ABT 640	6	5-15/16	8	
ABT 840	8	7-15/16		
ABT 2350	2	3	4	#12-350
ABT 3350	3			
ABT 4350	4	4-5/8	6	
ABT 6350	6	6-1/2	8	
ABT 8350	8	8-1/4	10	
ABT 2500	2	3	4	#6-500
ABT 3500	3			
ABT 4500	4	4-9/16	6	
ABT 5500	5	5-23/32	8	
ABT 6500	6	6-1/2		
ABT 8500	8	9-1/4		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For SB Series insulating covers, see page C76.

For tin-plating option, add "-TN" suffix to the catalogue number.



ABT 4500 DS

## Transformer Connectors and Adapters

### Aluminum Transformer Spade Connectors ABT™ Double Set-Screw Series

**High-strength aluminum alloy maximizes electrical and mechanical performance**

- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Accepts copper or aluminum conductors
- Meets or exceeds ANSI C119.4 specifications

Cat. No.	Outlets	Length	Mounting Holes	Conductor Range
ABT 1500 DS	1	1-1/4	2	#6-500
ABT 2500 DS	2	3	4	
ABT 3500 DS	3	3-5/8	6	
ABT 4500 DS	4	4-3/4	8	
ABT 5500 DS	5	5-23/32	12	
ABT 6500 DS	6	6-1/2	12	
ABT 8500 DS	8	9-3/16	12	1/0-750
ABT 1750	1	1-1/2	2	
ABT 2750	2	3	4	
ABT 3750	3	4-3/4	6	
ABT 4750	4	6-1/2	8	
ABT 5750	5	8-1/4	10	
ABT 6750	6	10-11/16	12	1/0-1000
ABT 8750	8	1-3/4	2	
ABT 11000	1	3	4	
ABT 21000	2	4-3/4	6	
ABT 31000	3	6-1/2	8	
ABT 41000	4	9-3/4	12	
ABT 61000	6	12-1/4		
ABT 81000	8			

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
For tin-plating option, add "-TN" suffix to the catalogue number.  
For SB Series insulating covers, see page C76.

Homac's



## Transformer Connectors and Adapters

### Aluminum Transformer Spade Connectors — ZBT™ Series

The quicker-installation alternatives to compression lugs

- Halves cantilever stress and doubles cable capacity
- Maximizes electrical and mechanical performance
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Accepts copper or aluminum conductors
- Meets or exceeds ANSI C119.4 specifications



### ZBT™ Series – Single-Row Mounting Holes

Cat. No.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013-48	#12-350	2	31/32	1
ZBT 2023-48		4	2	
ZBT 3033-48		6	3	2
ZBT 4043-48		8	4-3/4	3
ZBT 5053-48		10		
ZBT 6063-48		12	6-1/2	4

### ZBT™ Series – Double-Row Mounting Holes

Cat. No.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013	#12-350	2	31/32	2
ZBT 2023		4	2	
ZBT 3033		6	3	4
ZBT 4043		8	4-3/4	6
ZBT 5053		10		
ZBT 6063		12	6-1/2	8
ZBT 1017	1/0-750	2	1-5/8	2
ZBT 2027		4	3	4
ZBT 4047		8	6-1/2	8
ZBT 5057		10		
ZBT 6067		12	8-1/4	10
ZBT 8087		16	11	12
ZBT 1717 DS*		2	1-5/8	2
ZBT 2027 DS*		4	3	4
ZBT 4047 DS*		8	6-1/2	8
ZBT 5057 DS*		10		
ZBT 6067 DS*		12	8-1/4	10
ZBT 8087 DS*		16	11	12
ZBT 1011*	1/0-1000	2	1-5/8	2
ZBT 2021*		4	3-5/16	4
ZBT 3031*		6	5	6
ZBT 4041*		8	6-11/16	8
ZBT 8081*		16	13-7/16	16

\*Two set-screws per outlet.

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

For SB Series insulating covers, see page C76.

For tin-plating option, add "-TN" suffix to the catalogue number.



## Transformer Connectors and Adapters



ABN 4350

### Aluminum Transformer Spade Connectors — ABN™ Series

For installations on standard NEMA spade terminals

- Maximizes electrical and mechanical performance
- Accepts aluminum or copper conductors
- Ensure maximum conductor contact pressure. Also break up interstrand oxides.
- Meets or exceeds ANSI C119.4 specifications

### ABN™ Series

Cat. No.	Cable Range	Outlets	Length	Mounting Holes
ABN 240	#6–250	2	4-3/4	SB 17
ABN 340		3	5-1/2	
ABN 440		4	6-5/16	
ABN 540		5	7-1/16	SB 11
ABN 640		6	7-7/8	
ABN 740		7	8-5/8	
ABN 840		8	9-7/16	SB 14
ABN 2350	#6–350	2	4-15/16	SB17
ABN 3350		3	5-7/8	SB 11
ABN 4350		4	6-3/4	
ABN 5350		5	7-11/16	
ABN 6350		6	8-9/16	SB 14
ABN 7350		7	9-1/2	
ABN 8350		8	10-7/16	2160
ABN 2500	#2–500	2	5-5/16	SB 17
ABN 3500		3	6-5/16	SB 11
ABN 4500		4	7-5/16	
ABN 5500		5	8-5/16	
ABN 6500		6	9-5/16	2160
ABN 7500		7	10-5/16	2163
ABN 8500		8	11-5/16	2163-3
ABN 2750	1/0–750	2	5-15/16	2120
ABN 3450		3	7-1/4	
ABN 4750		4	8-5/8	
ABN 5750		5	9-15/16	2160
ABN 6750		6	11-1/4	
ABN 7750		7	12-5/8	
ABN 8750		8	13-15/16	2163-3

For oxide-inhibitor option, add "-C" suffix to the catalogue number.  
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.  
 For tin-plating option, add "-TN" suffix to the catalogue number.

## Transformer Connectors and Adapters

### Aluminum Flood-Seal™ 125 Series Transformer Spade Connectors

**For deadfront padmount transformers with 4-hole NEMA spade secondary bushings**

- Ensure cooler operating, more reliable joints
- Use with aluminum or copper cable ranging from #8 to 500 kcmil
- Accept standard one-hole or two-hole NEMA aluminum or copper lugs
- All Flood-Seal™ connectors comply with ANSI C119.4 specifications



FTN 125-4N

Cat. No.	Run	Tap
<b>1-Hole Outlets</b>		
FTN 125-2	2	4
FTN 125-3	3	4-7/8
FTN 125-4	4	6
FTN 125-5	5	7-7/8
FTN 125-6	6	7-7/8
FTN 125-44*	8	6

Cat. No.	Run	Tap
<b>2-Hole Outlets</b>		
FTN 125-2N	2	4
FTN 125-3N	3	4-7/8
FTN 125-4N	4	6
FTN 125-5N	5	7-7/8
FTN 125-6N	6	7-7/8
FTN 125-44N*	8	6

\* Double-row configuration.  
For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the FTN catalogue number.  
For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTN-N catalogue number.



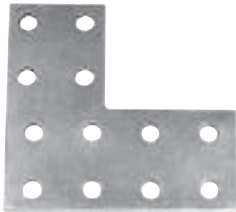
FTN 125-44N



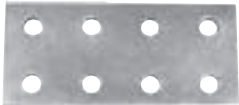
TSC 4-6



TSC 8



CTSC 4-12



CTSC 8

## Transformer Connectors and Adapters

### NEMA Transformer Spade Adapters

The options you need for a variety of connections

- Makes swaps and changes easier
- Accepts copper or aluminum lugs

#### TSC 4 Series – Aluminum

Cat. No.	Bolt Holes	Spade Thickness
TSC 4-6	6	3/8
TSC 4-8	8	
TSC 4-10	10	3/4
TSC 4-12	12	

For tin-plating option, add "-TN" suffix to the catalogue number.  
For custom configurations, please consult your Thomas & Betts representative.

#### TSC Series – Aluminum

Cat. No.	Bolt Holes	Spade Thickness
TSC 6	6	3/8
TSC 8	8	
TSC 10	10	3/4
TSC 12	12	

For tin-plating option, add "-TN" suffix to the catalogue number.  
For custom configurations, please consult your Thomas & Betts representative.

#### CTSC 4 Series – Copper

Cat. No.	Bolt Holes	Spade Thickness
CTSC 4-6	6	1/4
CTSC 4-8	8	
CTSC 4-10	10	1/2
CTSC 4-12	12	

For custom configurations, please consult your Thomas & Betts representative.

#### CTSC Series – Copper

Cat. No.	Bolt Holes	Spade Thickness
CTSC 6	6	1/4
CTSC 8	8	
CTSC 10	10	1/2
CTSC 12	12	

For custom configurations, please consult your Thomas & Betts representative.