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LIGHTNING PROTECTION INFO.

Basic rules for selection are:

1. Must be like material to the conductor.
2. Two bolts to ground rod - minimum.
3. Cable to cable connections can be anything, one bolt, two bolt, compression, etc.
4. Cable to steel structure must have 8 square inch contact with steel.
5. Heavy duty stacks - mechanical only.

6. On all connectors with heavy duty stack rating, we must offer 1/16" thick lead plating as an option. The reason for that is closest 25 ft. to stack opening must use lead coated product.

~ Complies with NFPA 78-86 Ordinary Structures.

~ ~ Complies with NFPA 78-86 Heavy Duty Stacks. (Order: LD for Lead Plating for Heavy Duty Stack applications.)

SPECIAL FEATURES

Other features are also available for products listed, such as undrilled or special drilling, 45° or 90° pad angles, belling for extra flexible cable, smooth or special threaded studs, special labeling or packaging, extra long braid, and nuclear certification. Please contact BURNDY Customer Service for any inquiries.

**ALL OTHER SPECIAL REQUESTS
PLEASE CONTACT
BURNDY CUSTOMER SERVICE
1-800-346-4175**

REVOLUTIONARY BURNDY® DESIGN MEETS STRICT UL486B STANDARDS

Unique “bite and grip” TRITAP™ SERVIT® contact delivers safe, long-term reliability — even without scratch brushing ... without oxide inhibiting compounds.†

... and puts the bite on aluminum connections forever!

For use on all combinations

- Aluminum to aluminum
- Aluminum to copper
- Copper to copper



† When used in NEC applications of insulated cables only.

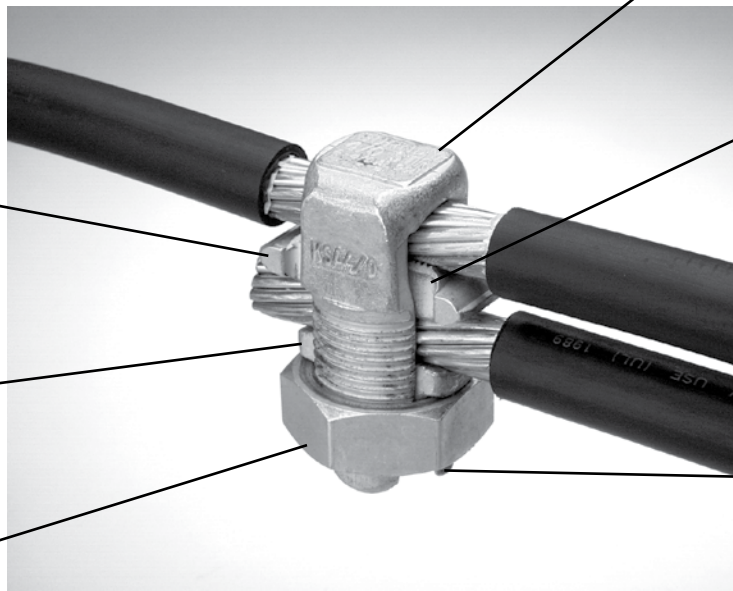
Patented

Triangular edges bite into cable to break through surface oxides:

- provide low contact resistance
- produces gas tight seal

Tin-plated contact surface inhibits oxide formation

Special heat-treated hard, aluminum alloy



Available in sizes from #10 through 500 kcmil

Spacer provides built-in separation to retard galvanic corrosion

Anti-galling, high efficiency threaded components result in high contact force. Easily installed using standard, everyday wrenches.

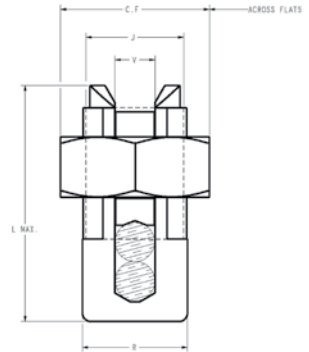
TYPES KS & KS-3

SERVIT®



Copper, Copperweld

Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to season cracking and corrosion, the SERVIT® provides maximum pressure and assures a secure connection on all combinations of run and tap conductors. Type KS-3 accommodates 3 maximum size conductors.



Catalog Number	Cross Flats	L	W	Conductor						▲ Recommended Tightening Torque (in-lb)
				Copper		Copperweld				
				Equal Run & Tap	Min Tap with Max Run	Maximum Run and Tap				
				Sol.	Str.	Type A	Type D			
† KS90	0.50	0.85	0.38	12 - 10 Str.	16 Str.	#10	—	—	—	80
† KS15	0.50	0.85	0.38	10 - 8 Str.	14 Str.	#8	—	—	—	80
† KS17	0.63	1.14	0.45	8 Str. - 6 Sol.	14 Str.	#6	3 #12	8A	9-1/2D	165
* KS173	0.62	0.98	0.70	8 Str. - 6 Sol.	16 Str.	#6	3 #12	8A	9-1/2D	165
† KS20	0.69	1.20	0.51	8 Str. - 4 Sol.	14 Str.	#4	3 #10	6A	8D	165
* KS203	0.68	1.17	0.78	8 Str. - 4 Sol.	14 Str.	#4	3 #10	6A	8D	165
† KS22	0.75	1.50	0.60	6 Str. - 2 Sol.	14 Str.	#2	3 #8	4A	6D	275
* KS223	0.74	1.33	0.84	6 Str. - 2 Sol.	14 Str.	#2	3 #8	4A	6D	275
† KS23	0.82	1.54	0.62	6 Str. - 2 Str.	14 Str.	#1	3 #7	3A	5D	275
† KS25	0.94	1.77	0.73	4 Str. - 1/0 Str.	14 Str.	2/0	3 #5	2A	4D	385
† KS26	1.05	1.94	0.82	2 Str. - 2/0 Str.	14 Str.	3/0	7 #7	—	—	385
† KS27	1.36	1.86	1.17	1 Str. - 3/0 Str.	8 Sol.	—	—	—	—	500
† KS29	1.36	2.07	1.17	1 Str. - 250	8 Str.	4/0	7 #5	—	—	650
† KS31	1.70	2.51	1.41	1/0 Str. - 350	1/0 Str.	—	19 #8	—	—	650
† KS34	1.82	2.79	1.48	2/0 Str. - 500	2/0 Str.	—	19 #6	—	—	825
KS39	2.31	3.29	1.94	4/0 Str. - 750	4/0 Str.	—	19 #5	—	—	1000
KS44	2.56	3.73	2.19	300 - 1000	4/0 Str.	—	—	—	—	1100

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations. See note LIGHTNING PROTECTION INFO.

* Not UL Listed or CSA Certified.

† In addition to UL Listed for wire connectors and CSA Certified, these items are also UL rated for direct burial.

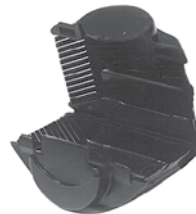
TYPE SC

SERVIT® COVER



HUG-A-BUG

Used indoors or outdoors, this compact, one-piece plastic SERVIT® cover saves time and material, eliminates costly taping of split-bolts. Positive latch snaps easily and quickly over connector, ideal for tight quarters. Self-positioning plastic fingers wrap around wires fully insulating joint. UL Listed for 600 volt indoor application with type KS. Three covers accommodate a range of 6 SERVIT® sizes through 2/0 Str.



Catalog Number	For Use With
SC4	KS17, KS173, KS20, KSU17, KSU20
SC2	KS22, KS203, KS23, KS223, KSA6, KSA4, KSU22, KSU23
SC2/0	KS25, KS26, KSA2, KSA1/0, KSU25, KSU26

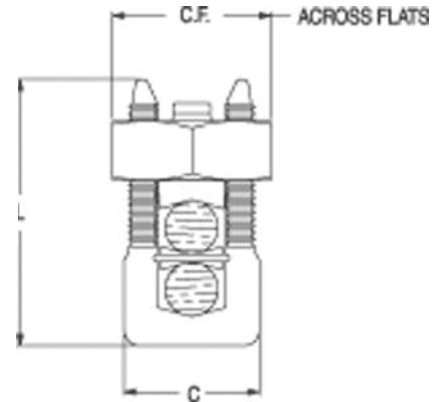
TYPE KSU

UNIVERSAL SERVIT®

All Combinations of Copper, Aluminum, ACSR, AAAC, 5005, and Steel

Tin-plated, high strength, copper alloy SERVIT® split-bolt with spacer. Spacer separates dissimilar conductors and provides long contact length that prevents high pressure point contacts between run and tap conductors.

Use of PENETROX™ joint compound recommended with Aluminum and ACSR.



Copper Only



486A
Copper Only

Catalog Number	Cross Flats	L	W	Conductor							Recommended Tightening Torque (in-lb)
				Run		Tap		Steel (Max Conductor)			
				Copper & Aluminum	ACSR AAAC 5005	Copper & Aluminum	ACSR AAAC 5005	Sol. BWG	3 Str. BWG	Nom. Dia.	
KSU17	0.62	0.92	0.42	12 Sol. - 6 Sol.	8 (6-1)	12 Sol. - 6 Sol.	8 (6-1)	8	—	5/32	165
KSU20	0.69	1.05	0.48	10 Sol. - 4 Sol.	6 (6-1)	10 Sol. - 4 Sol.	6 (6-1)	6	8	7/32	165
KSU22	0.74	1.25	0.57	10 Sol. - 2 Sol.	6 (6-1) - 4 (7-1)	10 Sol. - 2 Sol.	6 (6-1) - 4 (7-1)	4	6	1/4	275
KSU23	0.81	1.48	0.59	8 Str. - 2 Str.	3 (6-1) - 2 (6-1)	8 Sol. - 2 Str.	6 (6-1) - 2 (6-1)	—	4	5/16	275
KSU25	0.93	1.77	0.70	2 Str. - 1/0 Str.	3 (6-1) - 1 (6-1)	10 Str. - 1/0 Str.	6 (6-1) - 1 (6-1)	—	—	3/8	385
KSU26	1.04	1.93	0.79	2 Str.-2/0 Str.	1 (6-1) - 1/0 (6-1)	8 Str. - 2/0 Str.	6 (6-1) - 1/0 (6-1)	—	—	7/16	385
KSU27	1.38	2.34	1.12	1 Str. - 3/0 Str.	1 (6-1) - 2/0 (6-1)	8 Sol. - 3/0 Str.	8 (6-1) - 2/0 (6-1)	—	—	1/2	500
KSU29	1.38	2.50	1.58	1Str. -250 kcmil	2/0 (6-1) - 4/0 (6-1)	8 Str. - 250	6 (6-1) - 4/0 (6-1)	—	—	1/2	650
KSU31	1.69	2.88	1.36	1/0 Str. - 350 kcmil	3/0 (6-1) - 4/0 (6-1)	4 Str. - 350	4 (6-1) - 4/0 (6-1)	—	—	5/8	650
KSU34	2.00	3.12	1.47	400 - 500 kcmil	336 (30-7) - 477 (18-1)	2 Str. - 500	2 (6-1) - 477 (18-1)	—	—	—	825

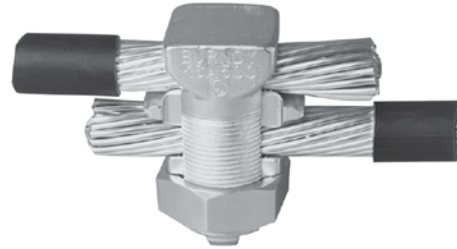
Accommodates compressed conductors within conductor ranges.

✓ See note LIGHTNING PROTECTION INFO.

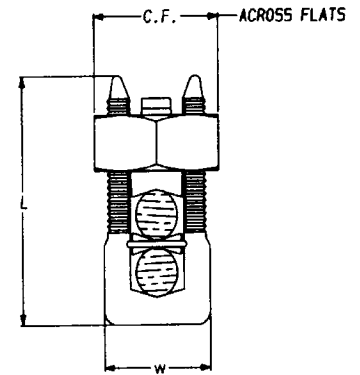
TYPE KSA

TRITAP™ SERVIT®

All Combinations of Aluminum to Aluminum, Aluminum to Copper and Copper to Copper, Aluminum Alloy Tin Plated



PATENTED TRIANGULAR PENETRATION TECHNOLOGY (TPT) CONTACT



Features & Benefits

- No scratch brushing required
- No oxide inhibitor required
- Orients the conductor
- Provides maximum pressure and assures a secure connection of run and tap conductors
- Facilitates piercing the aluminum conductor surface oxides
- UL 486B listed, 90°C rated
- Provides a low contact resistance
- Provides equal coefficient of expansion
- Inhibits the reformation of oxides by producing a gas-tight seal
- Provides improved retention of minimum to maximum conductor combinations

Catalog Number	Cross Flats	L	W	Alum. to Alum., Alum. to Copper, Copper to Copper Conductors			Recommended ▲ Tightening Torque (in-lb)
				Max Run to Max Tap	Min Run to Min Tap	Max Run to Min Tap	
KSA6	0.75	1.58	0.56	#6 Str. (0.184) - #6 Str. (0.184)	#10 Sol. (0.102) - #10 Sol. (0.102)	#6 Str. (0.184) - #10 Sol. (0.102)	165
KSA4	0.81	1.38	0.62	#4 Str. (0.232) - #4 Str. (0.232)	#8 Sol. (0.129) - #10 Sol. (0.102)	#4 Str. (0.232) - #10 Sol. (0.102)	165
KSA2	0.94	1.58	0.69	#2 Str. (0.292) - #2 Str. (0.292)	#6 Sol. (0.169) - #8 Str. (0.146)	#2 Str. (0.292) - #8 Sol. (0.146)	275
KSA1/0	1.00	1.92	0.75	1/0 Str. (0.373) - 1/0 Str. (0.373)	#2 Str. Compact (0.268) - #8 Sol. (0.129)	1/0 Str. (0.373) - #8 Sol. (0.129)	385
KSA2/0	1.12	1.92	0.88	2/0 Str. (0.418) - 2/0 Str. (0.418)	#2 Str. Compact (0.268) - #8 Str. (0.146)	2/0 Str. (0.418) - #8 Str. (0.146)	385
KSA4/0	1.49	2.54	1.13	4/0 Str. (0.528) - 4/0 Str. (0.528)	#2 Str. Compact (0.268) - #6 Str. (0.184)	4/0 Str. (0.528) - #6 Str. (0.184)	500
KSA350	1.69	3.24	1.50	350 kcmil (0.681) - 350 kcmil (0.681)	1/0 Str. Compact (0.336) - #4 Str. (0.232)	350 kcmil (0.681) - #4 Str. (0.232)	650
KSA500	2.00	3.62	1.73	500 kcmil (0.813) - 500 kcmil (0.813)	400 kcmil Compact (0.659) - #2 Str. Compact (0.268)	500 kcmil (0.813) - #2 Str. Compact (0.268)	825

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

** No scratch brushing or oxide inhibiting compounds required for insulated 90° C max. rated conductor for N.E.C. applications.

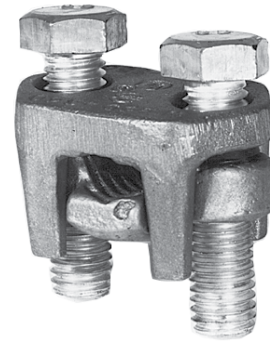
TYPE KVS

OKLIP™



Copper & Copperweld

Compact, two-piece, high strength, high copper alloy BURNDY® OKLIP™ recommended for heavy duty connections. Neoprene rings hold DURIMUM™ silicon bronze bolts in place during installation. Installed with ordinary wrench.



Catalog Number	Conductor					▲ Recommended Tightening Torque (in-lb)
	Copper		Copperweld			
	Run	Tap	Sol.	Str.	Type V	
KVS26	2 Str. - 2/0 Str.	6 Str. - 2/0 Str.	3/0	7 #8	—	180
KVS28	1/0 Str. - 4/0 Str.	10 Str. - 4/0 Str.	4/0	7 #6	V3/0	250
KVS31	250 - 350 kcmil	10 Str. - 350 kcmil	—	19 #8	V250	325
KVS34	400 - 500 kcmil	10 Str. - 500 kcmil	—	19 #6	V350	375
KVS40	400 - 800 kcmil	3/0 Str. - 800 kcmil	—	19 #5	—	500
KVS44	500 - 1000 kcmil	3/0 Str. - 1000 kcmil	—	—	—	500

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.
✓ See note LIGHTNING PROTECTION INFO.

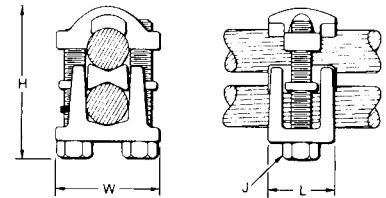
TYPE KVSU

UNIVERSAL OKLIP™



All Combinations of Copper, Aluminum, ACSR, AAAC & 5005

Compact, high strength, tin plated copper alloy two-piece connector with spacer and tin-plated silicon bronze DURIMUM™ hardware. Recommended for heavy duty connections. Spacer separates dissimilar conductors and provides long contact length. Neoprene ring prevents loss of shorter bolt during installation. Longer peened bolt permits swivel action for easier installation. Use of PENETROX™ joint compound recommended with aluminum and ACSR.



Catalog Number	Conductor								H	J	L	W	Rec. Tightening Torque (in-lb)
	Run		Tap		Run		Tap						
	Copper & Alum	ACSR, AAAC, & 5005	Copper & Alum	ACSR, AAAC, & 5005	Copper Sol., Copperweld Sol.	Steel Nom. Dia.	Copper Sol., Copperweld Sol.	Steel Nom. Dia.					
KVSU26	2 Str. - 2/0 Str.	3 - 2/0	6 Str. - 2/0 Str.	6 - 2/0	1 - 3/0	5/16 - 7/16	#6 - 3/0	3/16 - 7/16	2	5/16	1	1-1/2	180
KVSU28	1/0 Str. - 4/0 Str.	1/0 - 4/0	6 Str. - 4/0 Str.	6 - 4/0	2/0 - 4/0	3/8 - 1/2	#6 - 4/0	5/32 - 1/2	2-3/8	3/8	1-1/8	1-3/4	250
KVSU31	250 - 350 kcmil	4/0 - 300	#6 - 350	6 - 300	-	9/16 - 5/8	#6 - 4/0	3/16 - 5/8	2-5/8	1/2	1-3/8	2-1/8	325
KVSU34	400 - 500 kcmil	336.4 - 397.5	#4 - 500	5 - 397.5	-	3/4 - 3/4	#4 - 4/0	7/32 - 3/4	3	1/2	1-1/2	2-1/4	375
KVSU40	400 - 800 kcmil	4/0 - 800	4/0 - 800	3/0 - 715.5	-	3/4 - 1	-	1/2 - 1	3-1/2	1/2	1-5/8	2-1/2	500
KVSU44	500 - 1000 kcmil	4/0 - 1000	4/0 - 1000 kcmil	4/0 - 900	-	7/8 - 1 1/8	-	1/2 - 1 1/8	4	3/8	2	3	500

Accommodates compressed conductors within diameter range. ✓ See note LIGHTNING PROTECTION INFO.

TYPE KVS

OKLIP™

Copper and Copperweld

Similar to OKLIP™ Type KVS except for a high copper alloy spacer that separates run and tap conductors. Provides high contact pressure, confines conductor strands, and assures vibration-proof connection. Longer peened bolt, permits swivel action for easier installation. Silicon bronze DURIMUM™ hardware.



Catalog Number	Conductor		Recommended Tightening Torque (in-lb)
	Run	Tap	
KVSW26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.	180
KVSW28	1/0 Str. - 4/0 Str.	6 Sol. - 4/0 Str.	250
KVSW31	250 - 350 kcmil	4 Sol. - 350 kcmil	325
KVSW34	400 - 500 kcmil	4 Str. - 500 kcmil	375
KVSW40	400 - 800 kcmil	AWG 4/0 - 800 kcmil	500
KVSW44	500 - 1000 kcmil	250 - 1000 kcmil	500

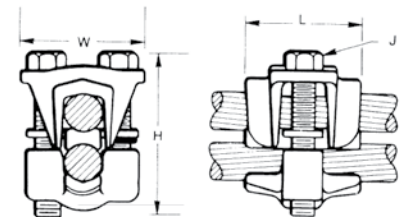
↗ See note LIGHTNING PROTECTION INFO.

TYPE KVS-A

ALUMINUM OKLIP™

All Combinations of Copper, Aluminum†, ACSR†, AAAC and 5005

Three-piece, high-conductivity, non-copper bearing aluminum alloy connector with thick spacer and aluminum hardware. Hardware in KVS26A and KVS28A is stainless steel. Recommended for heavy duty dissimilar metal applications. Spacer separates conductors and provides long contact length. Belled entrances prevent chafing, permit easier assembly of conductors. Longer peened bolt permits swivel action for easier installation. Neoprene ring prevents loss of shorter bolt. PENETROX™ joint compound recommended with aluminum and ACSR.



THESE CONNECTORS CAN ACCOMMODATE ACSR CONDUCTORS OVER ARMOR ROD WITHIN THE DIAMETER RANGE INDICATED.

APPLICATION OVER ARMOR ROD

Catalog Number	Conductor				Rec. Tightening Torque (in-lb)	Conductor Range by Diameter			H	J	L	W
	Run		Tap			Min. Run Dia.	Min. Tap Dia.	Max. Run & Tap Dia.				
	Copper, & Alum.†	ACSR†, AAAC, & 5005	Copper, & Alum.†	ACSR†, AAAC & 5005								
KVS26A	2 Str. - 2/0 Str.	#4 - 2/0	10 Str. - 2/0 Str.	#6 - 2/0	180	0.28	0.12	0.45	2-1/4	5/16	1-1/4	1-5/8
KVS28A	1/0 Str. - 4/0 Str.	1/0 - 4/0	10 Str. - 4/0 Str.	#6 - 4/0	240	0.36	0.12	0.56	3	3/8	1-5/8	2-1/16
KVS31A	250 - 350	4/0 - 336.4	6 Str. - 350 kcmil	#6 - 336.4 kcmil	300	0.57	0.18	0.68	3-1/16	1/2	1-15/16	2-7/16
KVS34A	400 - 500	336.4 - 397.5	4 Str. - 500 kcmil	#5 - 397.5 kcmil	300	0.73	0.22	0.81	3-9/16	1/2	2-5/16	2-5/8
KVS40A	400 - 800	336.4 - 715.5 kcmil	3/0 Str. - 800 kcmil	#3/0 - 715.5	300	0.73	0.47	1.04	4-1/16	1/2	2-7/16	2-7/8
KVS44A	500 - 1000	397.5 - 900 kcmil	3/0 Str. - 1000 kcmil	#3/0 - 900 kcmil	480	0.80	0.47	1.16	4-7/8	5/8	2-1/2	3-1/8

† Accommodates compressed conductors within diameter range. ↗ See note LIGHTNING PROTECTION INFO.

TYPE QPX

VERSITAP™



Copper, Copperweld, Copperweld-Copper

The VERSITAP™ Type QPX is recommended for Tee, Cross, Parallel, Butt and Tap connections. Range-taking, only 10 connectors required to accommodate conductor sizes from #6 Str. to 1000 kcmil. Edges are rounded for easy taping. Made of high strength, high-conductivity copper alloy and silicon bronze DURIMUM™ hardware.



* For various configurations, see page with TYPE QPX-Y

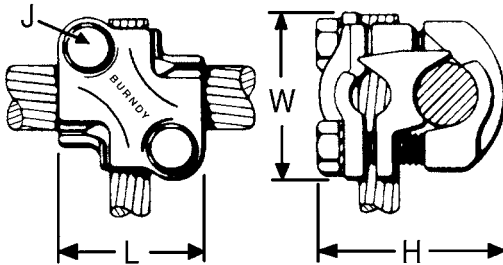


Fig. 1

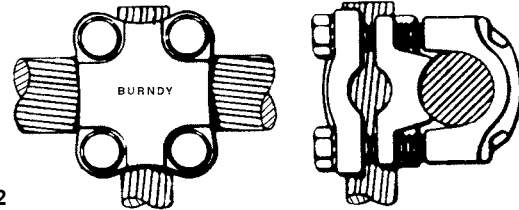


Fig. 2

Catalog Number	Copper Conductor		Fig. No.	Dimensions				Rec. Tightening Torque in-lb ▲	Conductor						
	Run	Tap		H	J	L	W		Run		Tap				
									Copperweld	Copperweld - Copper	Copperweld	Copperweld - Copper			
QPX2C2C	6 Str. - 2 Str.	6 Str. - 2 Str.	1	1-1/2	5/16	1-5/16	1-3/8	150	5 Sol. - 3#7	8A - 4A	5 Sol. - 3#7	8A - 4A			
QPX282C	1 Str. - 4/0 Str.	6 Str. - 2 Str.		2-1/16									3/8	1-13/16	1-13/16
QPX2828	1 Str. - 4/0 Str.	1 Str. - 4/0 Str.		2-3/8	5/16	1-3/8	1-7/8		375	19#19 - 19#6	4/0 EK	5 Sol. - 3#7			
QPX342C	250 - 500 kcmil	6 Str. - 2 Str.		2-3/4									3/8	1-3/4	2-1/16
QPX3428	250 - 500 kcmil	1 Str. - 4/0 Str.			3	2-1/16	2-3/16			500	19#6	—			
QPX3434	250 - 500 kcmil	250 - 500 kcmil		2									3-1/16	3/8	2-1/16
QPX442C	500 - 1000 kcmil	6 Str. - 2 Str.	1		2-11/16	5/16	1-3/8	2-1/4		500	19#6	—			
QPX4428	500 - 1000 kcmil	1 Str. - 4/0 Str.		2-7/8	1-13/16								2-7/16	7#9 - 7#5	3A - 3/0V
QPX4434	500 - 1000 kcmil	250 - 500 kcmil	2	3-7/16		2-5/8	2-9/16	19#6	—						
QPX4444	500 - 1000 kcmil	500 - 1000 kcmil													

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

↙ See note LIGHTNING PROTECTION INFO.

TYPE QPX-Y

UNIVERSAL VERSITAP™

Universal Parallel Clamp For Copper and Aluminum

High copper alloy cast connector, tin-plated for use with copper or aluminum cable. Makes parallel, tap, tee, cross or end-to-end connections. Edges rounded for easy taping. PENETROX™ joint compound recommended.

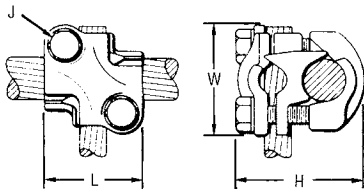


Fig. 1

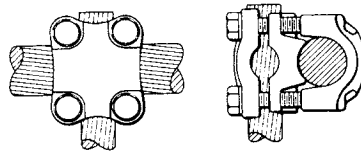


Fig. 2

Catalog Number	Run	Tap	Fig. No.	H	J	L	W	Recommended Tightening Torque in-lb ▲
QPX2C2CY	6 Str.-2 Str.	6 Str.-2 Str.	1	1-5/8	5/16	1-1/2	1-5/8	150
QPX282CY	1 Str. - 4/0 Str.	6 Str.-2 Str.	1	1-7/8	5/16	1-1/2	1-7/8	150
QPX2828Y	1 Str. - 4/0 Str.	1 Str. - 4/0 Str.	1	2	3/8	2	2-1/8	250
QPX342CY	250 - 500 kcmil	6 Str.-2 Str.	1	2-1/4	5/16	1-1/2	2-1/8	375
QPX3428Y	250 - 500 kcmil	1 Str. - 4/0 Str.	1	2-1/2	3/8	2	2-1/2	375
QPX3434Y	250 - 500 kcmil	200 - 500 kcmil	2	2-7/8	3/8	2-1/2	2-5/8	375
QPX4444Y	750 - 1000 kcmil	750 - 1000 kcmil	2	3-7/8	1/2	3-1/2	3-1/2	500

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5 7-6 for smaller conductor combinations.

✓ See note LIGHTNING PROTECTION INFO.

APPLICATION VARIATIONS

PARALLEL



TAP



CROSS



SPLICE



TEE

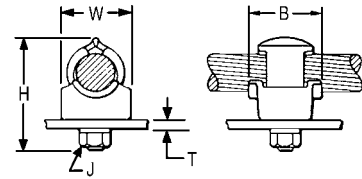


TYPE QGFL

BARTAP™

Copper Cable to Flat Bar or Pad

High copper alloy BARTAP™ for joining a range of cable to bar or pad. One-wrench installation. DURIUM™ nut and lockwasher



Catalog Number	Copper Conductor	B	H	J	T (Max)	W
QGFL1CB1	#10 Sol-#1 Str	1-1/8	1-7/8	3/8	1/4	1
QGFL1CB1T6	#10 Sol-#1 Str	1-1/8	2-3/8	3/8	3/4	1
QGFL26B1	#8 Sol-#2/0 Str	1-1/4	2-1/8	3/8	1/4	1-1/8
QGFL26B1T6	#8 Sol-#2/0 Str	1-1/4	2-5/8	3/8	3/4	1-1/8
QGFL26B2*	#8 Sol-#2/0 Str	1-1/4	2-5/16	1/2	1/4	1-1/8
QGFL26B2T6*	#8 Sol-#2/0 Str	1-1/2	2-13/16	1/2	3/4	1-1/8
QGFL29B1*	#6 Str-250 kcmil	1-3/8	2-5/8	1/2	1/4	1-3/8
QGFL29B1T6*	#6 Str-250 kcmil	1-5/8	3-1/8	1/2	3/4	1-3/8
QGFL31B1*	2 AWG-350 kcmil	1-3/4	2-7/8	1/2	1/4	1-5/8
QGFL31B1T6*	2 AWG-350 kcmil	1-3/4	3-1/4	1/2	3/4	1-5/8
QGFL34B1	1/0-500 kcmil	2	3-1/8	1/2	1/4	1-3/4
QGFL34B1T6	1/0-500 kcmil	2	3-5/8	1/2	3/4	1-3/4
QGFL39B1	350 kcmil-750 kcmil	2-1/4	3-1/4	1/2	1/4	1-3/4
QGFL39B1T6	350 kcmil-750 kcmil	2-1/4	3-5/8	1/2	3/4	1-3/4
QGFL44B1	750 kcmil-1000 kcmil	2-1/4	3-3/8	1/2	1/4	2-1/8
QGFL44B1T6	750 kcmil-1000 kcmil	2-1/4	4-1/8	1/2	3/4	2-1/8
QGFL46B1	1000 kcmil-1500 kcmil	2-1/4	4	1/2	1/4	2-1/2
QGFL46B1T6	1000 kcmil-1500 kcmil	2-1/4	4-1/2	1/2	3/4	2-1/2
QGFL48B1	1500 kcmil-2000 kcmil	2-1/4	4-3/4	1/2	1/4	3

* Can be installed side by side or in-line on NEMA drilled bar.

TYPE FCB

TRANSFORMER TAP ADAPTER

Copper and Aluminum

Cast in one piece from copper alloy. Transformer tap adapter designed to accommodate from 1 to 6 NEMA drilled copper or aluminum terminal taps from a single secondary transformer outlet. Tin-plated. Order mounting hardware and tap terminals separately.

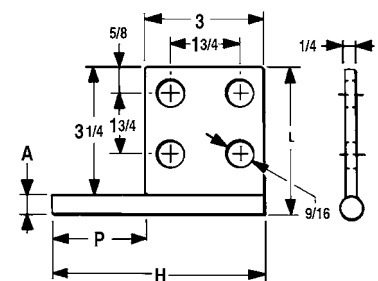


Fig. 1

Catalog Number	Fig. No.	A Diameter	H Ref.	L	P
FCB634N	1	0.50	5.25	3.75	2.25
FCB636N	2	0.50	5.25	5.50	2.25
FCB644N	1	0.75	5.75	4.00	2.75
FCB646N	2	0.75	5.75	5.75	2.75
FCB654N	1	1.00	7.00	4.25	4.00
FCB632NP300	Not Shown	0.50	5.00	3.50	3.00
FCB6444NP50	Not Shown	0.75	9.00	5.00	5.00

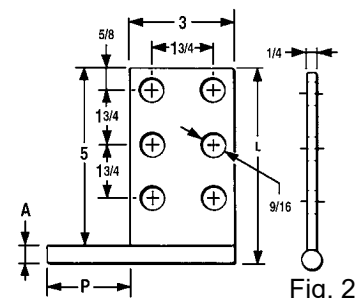


Fig. 2

NOTE: All pads are NEMA drilled.

TYPE BIPC

Insulation Piercing Connector for Copper and Aluminum

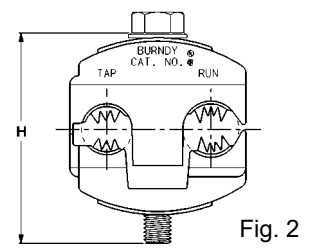
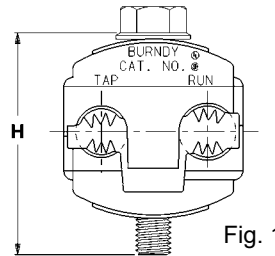
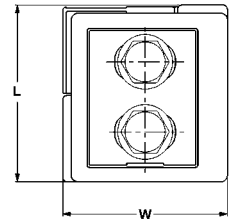
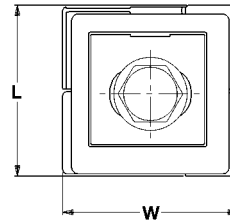
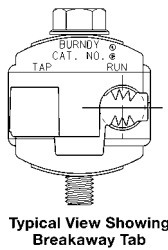
UL Listed 90° C, *600 Volt

The Type BIPC, BURNDY® Insulation Piercing Connector is ideally suited for splicing and tapping aluminum and copper conductor wire sizes: #10 AWG to 500 kcmil.



Features & Benefits

- Insulation piercing capability eliminates the need for insulation stripping
- UL486B Listed, AL9CU Rated, for copper and aluminum conductor combinations up to 90°C, *600 Volt applications
- Insulation piercing design for use on hot-line applications eliminates the need for taping
- Easy snap-out tabs eases installation and protects connection from dirt and debris
- Simple bolt-on connection for ease of installation



Catalog Number	Conductor Range		Bolt Size	Socket Size	H	L	W	Recommended Tightening Torque	Max. Voltage Rating
	Run	Tap							
BIPC1/02*	1/0 - 8 AWG	2 - 8 AWG	5/16	1/2	2.00	1.53	1.53	180	600 V
BIPC4/06	4/0 - 1/0 AWG	1/0 - 6 AWG	5/16	1/2	2.50	2.12	2.00	250	300 V
BIPC4/01/0	4/0 - 1/0 AWG	4/0 - 1/0 AWG	5/16	1/2	2.50	2.12	2.06	250	300 V
BIPC3504/0	350 - 4/0 AWG	4/0 - 10 AWG	3/8	9/16	3.00	1.59	2.50	375	300 V
BIPC350350	350 - 4/0 AWG	350 - 4/0 AWG	3/8	9/16	3.00	2.62	2.75	300	300 V
BIPC5004/0*	500 - 350 kcmil	4/0 - 4 AWG	3/8	9/16	3.25	1.80	2.62	400	600 V

* 600 Volt

TYPE KPA

SCRULUG™

Copper Cable

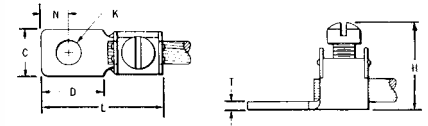


Fig. 1

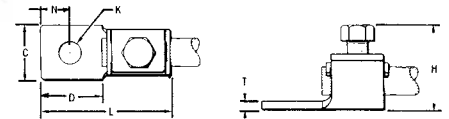


Fig. 2

High copper alloy tin-plated terminal for joining a wide range of cable to equipment pads or terminal blocks. Especially good in light industrial applications. The tongue and body are a one-piece design. The pressure bar equalizes pressure over the conductor and prevents the screw from cutting into the cable

Catalog Number	Wire Range	Fig. No.	C	D	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque (in-lb)
KPA8C	14 Sol. - 8 Str.	1	0.38	0.47	0.72	0.21	#10	0.97	0.22	0.06	25
KPA4C	14 Sol. - 4 Str.	1	0.50	0.59	0.94	0.27	1/4	1.22	0.30	0.06	35
KPA25	4 Str. - 1/0 Str.	2	0.75	0.81	1.25	0.33	5/16	1.82	0.41	0.10	180
KPA28	1/0 Str. - 4/0 Str.	2	0.97	1.12	1.66	0.39	3/8	2.40	0.53	0.13	250
KPA34	4/0 Str. - 500 kcmil	2	1.38	1.38	2.44	0.54	1/2	3.32	0.75	0.20	375

NOTE: For unplated version add "UNPL" suffix.

TYPE KPA-UP

SCRULUG™

Copper Cable

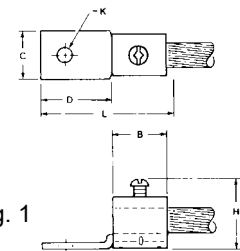
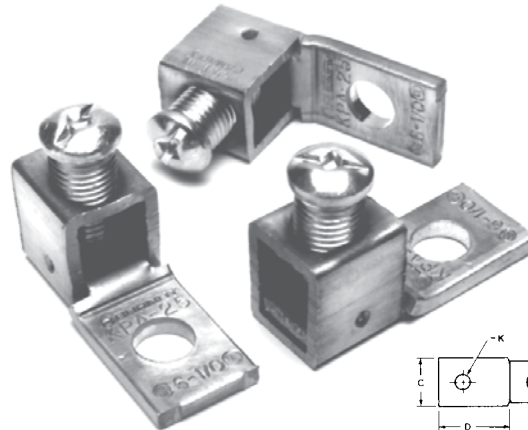


Fig. 1

High copper alloy terminal for joining a wide range of cable to equipment pads or terminal blocks. Plain copper finish.

Features & Benefits

- One piece design for superior torque and pull out performance
- Convenient range taking design reduces number of SKUs needed to carry in stock; one catalog number accommodates several conductor sizes
- High conductivity copper alloy for a long lasting, reliable connection
- Compact, easy to use design
- Slot Robertson screw, hex head, hex socket bolt require no special installation tools and eliminates over-torquing and potential conductor damage

Catalog Number	Wire Range	Fig. No.	C	D	H	K	Stud Hole Size	L	N	T	Hardware	Recommended Tightening Torque (in-lb)
KPA8CUP	14 Sol. - 6 Str.	1	0.38	0.56	0.81	0.20	#10	1.04	0.22	0.07	# 12-24 SLOT	35
KPA4CUP	14 Sol. - 4 Str.		0.50	0.71	1.00	0.28	1/4	1.28	0.33		5/16 DIA.SLOT ROBERTSON	45

NOTE: For tin plating drop "-UP" suffix and add "-TP" suffix (example: KPA4CTP).
For use in grounding applications with a green screw, contact factory. Listed for grounding per UL467.

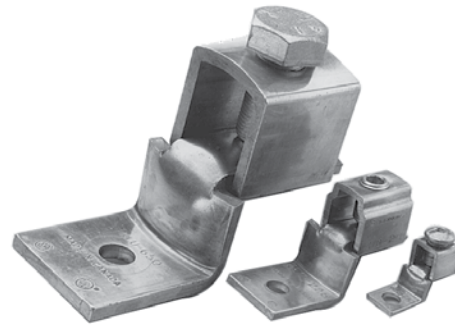
TYPE KLU

SCRULUG™



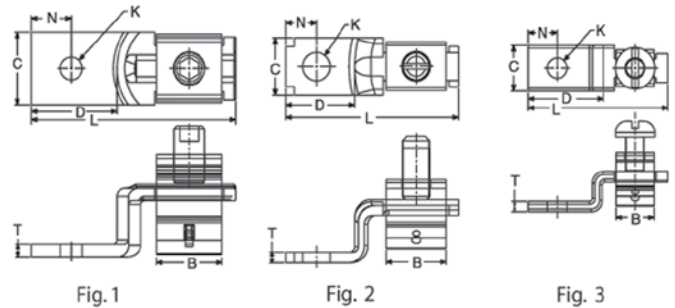
Copper Cable with Offset Tongue; Non-Plated

High copper alloy terminal with offset tongue for joining a wide range of cable to equipment pads or bar. Easy to install with screwdriver or wrench. Connector is reusable. Plain copper finish.



Features & Benefits

- Convenient range-taking design reduces catalog numbers required in inventory; one connector accommodates several conductor sizes
- High conductivity copper alloy for long lasting reliable contact
- Compact design, easy to install, reduces labor time
- Slot Robertson screw, hex head, hex socket bolt require no special installation tools and eliminates over-torquing and potential conductor damage



① Catalog Number	Conductor	Fig. No.	B (MM/IN)	C (MM/IN)	K (MM/IN)	L (MM/IN)	N (MM/IN)	T (MM/IN)	Rec. Tightening Torque (in-lb)	Hardware	Stud Hole Size	Strip Length (in)
KLU25	14 Sol. .064 Dia. to 10 Sol. .102 Dia. CU	3	7.00 0.28	8.00 0.31	4.00 0.14	26.0 1.02	5.00 0.21	2.00 0.07	20	No. 8-32 Slotted Round Machine Screw	#6	7/16
KLU25TP												
KLU35	14 Sol. .064 Dia. to 6 Str. .184 Dia. CU	2	11.0 0.43	10.0 0.39	5.00 0.20	31.0 1.24	6.00 0.22	2.00 0.07	35	1/4 UNF Slotted Set Screw	#10	5/8
KLU35TP												
KLU70	8 Sol. .129 Dia. to 2 Str. .292 Dia. CU	2	13.0 0.50	12.0 0.47	7.00 0.26	39.0 1.55	6.00 0.25	2.00 0.08	40	5/16 UNF Slotted Set Screw	1/4	3/4
KLU70TP												
KLU125	2 Str. .292 Dia. to 1/0 Str. .372 Dia. CU	2	15.0 0.61	16.0 0.62	7.00 0.26	50.0 1.98	11.0 0.42	3.00 0.11	50	3/8 UNF Slotted Set Screw	1/4	15/16
KLU125TP												
KLU175	4 Str. .232 Dia. to 3/0 Str. .470 Dia. CU	1	18.0 0.72	19.0 0.75	10.0 0.39	56.0 2.20	11.0 0.43	4.00 0.16	250	3/8 UNF Socket/Hex Screw	3/8	1
KLU175TP												
KLU225	2 Str. .292 Dia. to 4/0 Str. .528 Dia. CU	1	24.0 0.94	25.0 0.99	9.00 0.34	65.0 2.55	13.0 0.51	3.00 0.12	250	7/16 UNF Socket/Hex Screw	5/16	1-5/16
KLU225TP												
KLU300	1/0 Str. .372 Dia. to 350 kcmil. .681 Dia. CU	1	31.0 1.22	25.0 0.99	10.0 0.39	72.0 2.83	13.0 0.52	3.00 0.12	325	5/8 UNF Socket/Hex Screw	3/8	1-5/8
KLU300TP												
KLU400	1/0 Str. .372 Dia. to 500 kcmil. .813 Dia. CU	1	36.0 1.42	38.0 1.50	10.0 0.39	104.0 4.09	23.0 0.91	5.00 0.18	375	5/8 UNF Socket/Hex Screw	3/8	1-5/32
KLU400TP												

NOTES:

- ① Suffix "-TP" on catalog number denotes tin plate (example: KLU400TP).
- 2 Material: Copper alloy.

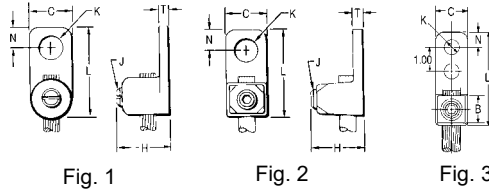
TYPE KA

KA-LUG™

Copper Cable



Compact, economical, high copper alloy terminal for joining a wide range of cable to equipment pads or terminal blocks.



Catalog Number	Conductor	Fig. No.	C	H	J	K	Stud Hole Size	L	N	T	Recommended Tightening Torque (in-lb)
KA8C	# 14 Sol. (0.064 Dia.) - 8 Str. (0.416 Dia.)	1	3/8	5/8	#12	7/32	#10	13/16	3/16	3/32	25
KA4C	# 14 Sol. (0.064 Dia.) - 4 Str. (0.232 Dia.)	1	9/16	3/4	5/16"	9/32	1/4	1-1/8	1/4	7/64	45
KA25*	# 4 Str. (0.232 Dia.) - 1/0 Str. (0.373 Dia.)	2	3/4	15/16	1/2"	27/64	3/8	1-11/16	3/8	1/8	200
KA252TC38*	# 4 Str. (0.232 Dia.) - 1/0 Str. (0.373 Dia.)	3	3/4	15/16	1/2"	27/64	3/8	2-13/16	3/8	1/8	200
KA28*	# 1 Str. (0.332 Dia.) - 4/0 Str. (0.528 Dia.)	2	15/16	1-1/4	5/8"	27/64	3/8	1-15/16	7/16	3/16	275
KA34*	4/0 Str. (0.528 Dia.) - 500 kcmil (0.814 Dia.)	2	1-3/8	2-3/32	13/16"	9/16	1/2	2-9/16	9/16	9/32	375

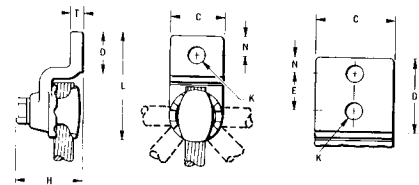
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

* Not CSA Certified

TYPE EA

VERSILUG™

Copper Cable



Compact, high copper alloy terminal for joining a wide range of cable to equipment pads or bar. Clamping element adjustable to several angles. One-wrench installation.

Catalog Number	Wire Range	No. of holes in pad	C	D	E	H	K	Stud Hole Size	L	N	T	Rec. Tightening Torque (in-lb)
EA2C	8 AWG-2 AWG	1	13/16	1-1/16	—	1-3/8	7/16	3/8	2-1/2	13/32	1/4	150
EA25	2 AWG-1/0	1	7/8	1-1/8	—	1-7/16	7/16	3/8	2-11/16	7/16	1/4	180
EA28	1/0 -4/0 AWG	1	1-1/16	1-3/8	—	1-3/4	7/16	3/8	3-3/16	17/32	5/16	250
EA282N	1/0 -4/0 AWG	2	1-1/16	3-5/8	1-3/4	1-3/4	9/16	1/2	5-1/8	5/8	5/16	250
EA34	250 kcmil-500 kcmil	1	1-3/8	1-5/8	—	2-1/4	9/16	1/2	4	13/16	3/8	375
EA342N	250 kcmil-500 kcmil	2	1-3/8	3-5/8	1-3/4	2-1/4	9/16	1/2	5-5/8	5/8	3/8	375

* "N" indicates NEMA standard stud holes.

▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

TYPES QA, QQA

QIKLUG™

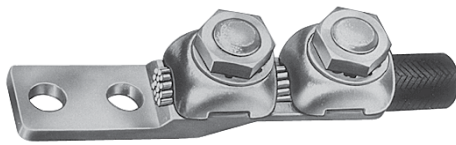


Copper Cable

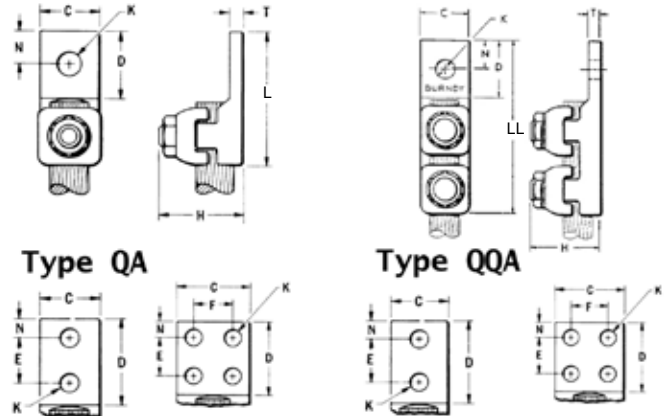
Type QA heavy duty, compact, high copper alloy terminal for joining a wide range of cable to equipment pads or bar. Fast one-wrench installation. Type QQA heavy duty, high copper alloy terminal for joining cable to equipment pads or bar. Twin clamping elements secure joint vibration and flexing. One-wrench installation.



Type QA



Type QQA



Type QA

Type QQA

Catalog Number*		Conductor		Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	LL	N	T	Torque (in-lb)
Type QA	Type QQA	Commercial	Navy												
QA8CB	QQA8C	14 Sol. - 8 Str.	4-14	1	9/16	9/16	—	11/16	7/32	#10	1-3/8	2-5/16	9/32	5/32	75
QA8C2B	—	14 Sol. - 8 Str.	4-14	2	9/16	1-1/14	5/8	11/16	7/32	#10	2	3	5/16	5/32	75
QA4CB	—	8 Str. - 4 Str.	23-40	1	5/8	5/8	—	3/4	9/32	1/4	1-7/16	2-3/8	5/16	3/16	110
QA4C2B	QQA4C2	8 Str. - 4 Str.	23-40	2	5/8	1-3/16	5/8	3/4	9/32	1/4	2	2-15/16	5/16	3/16	110
QA1CB	QQA1C	4 Str. - 1 Str.	50-75	1	5/8	3/4	—	1	9/32	1/4	1-3/4	2-13/16	11/32	7/32	150
QA1C2B	QQA1C2	4 Str. - 1 Str.	50-75	2	5/8	1-9/16	7/8	1	11/32	5/16	2-9/16	3-5/8	11/32	7/32	150
QA26B	QQA26	1/0 Str. - 2/0 Str.	100-125	1	13/16	1	—	1-3/16	13/32	3/8	2	3-3/16	7/16	7/32	180
QA262B	QQA262	1/0 Str. - 2/0 Str.	100-125	2	13/16	1-15/16	1	1-3/16	13/32	3/8	3	4-3/16	7/16	7/32	180
QA28B	QQA28	3/0 Str. - 4/0 Str.	150-200	1	1	1-1/16	—	1-5/16	13/32	3/8	2-1/4	3-9/16	17/32	1/4	250
QA282B	—	3/0 Str. - 4/0 Str.	—	2	1	2	1	1-9/29	13/32	3/8	3-1/5	—	7/16	1/4	250
QA282N*	QQA282N*	3/0 Str. - 4/0 Str.	150-200	2	1	3-1/8	1-3/4	1-5/16	9/16	1/2	4-5/16	5-5/8	5/8	1/4	250
QA31B	QQA31	250 - 350 kcmil	250-350	1	1-3/16	1-3/8	—	1-11/16	17/32	1/2	2-11/36	4-1/8	11/16	5/16	325
QA312B	—	250 - 350 kcmil	250-350	2	1-3/16	1-31/32	1	1-11/16	7/16	3/8	3-3/8	—	7/16	5/16	325
QA312N	QQA312N*	250 - 350 kcmil	250-350	2	1-3/16	3	1-3/4	1-11/16	9/16	1/2	4-7/16	5-7/8	5/8	5/16	325
QA34B	—	400 - 500 kcmil	400-500	1	1-3/8	1-5/8	—	2	17/32	1/2	3-3/16	4-7/8	13/16	5/16	375
QA342B	—	400 - 500 kcmil	400-500	2	1-3/8	2	1	2	13/32	3/8	3-9/16	—	7/16	5/16	375
QA344B	QQA34	400 - 500 kcmil	400-500	4	1-7/8	1-15/16	1	2	7/16	3/8	3-1/2	—	7/16	5/16	375
QA342N*	QQA342N*	400 - 500 kcmil	400-500	2	1-3/8	3-3/32	1-3/4	2	9/16	1/2	4-11/16	6-9/32	5/8	5/16	375
QA40B	—	600 - 800 kcmil	650-800	1	1-5/8	1-7/8	—	2-7/16	11/16	5/8	3-11/16	—	27/32	3/8	500
QA402N*	QQA402N*	600 - 800 kcmil	650-800	2	1-5/8	3	1-3/4	2-7/16	9/16	1/2	4-14/16	7-3/32	5/8	3/8	500
QQA404N*	—	600 - 800 kcmil	650-800	4	3	3	1-3/4	2-7/16	9/16	1/2	—	7-3/32	5/8	3/8	500
QA44B	—	850 - 1000 kcmil	1000	1	1-7/8	2	—	2-3/4	11/16	5/8	3-15/16	—	1	1/2	500
QA442N*	QQA442N*	850 - 1000 kcmil	1000	2	1-7/8	3	1-3/4	2-3/4	9/16	1/2	5	7-1/8	5/8	1/2	500
QA444N*	QQA444N*	850 - 1000 kcmil	1000	4	3	3-1/16	1-3/4	2-3/4	9/16	1/2	5	7-1/8	5/8	1/2	500
QA462N*	—	1100 - 1500 kcmil	1300	2	2-1/8	3	1-3/4	3-1/8	9/16	1/2	5-1/4	—	5/8	9/16	600
QA46B	—	1100 - 1500 kcmil	1300	1	2-1/8	2-1/8	—	3-1/8	13/16	3/4	4-3/8	—	1-1/16	9/16	600

* "N" indicates NEMA standard stud holes.

✓ All 4N items see note LIGHTNING PROTECTION INFO.

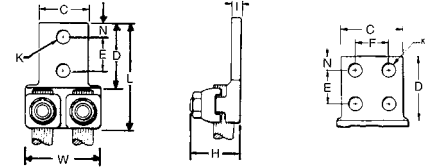
TYPE Q2A

QIKLUG™



Copper Cable

Compact, high copper alloy terminal for joining two cables to equipment pads or bars. Each element accommodates a wide range of cable. One-wrench installation.



Catalog Number*	Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	N	T	W	Recommended Tightening Torque in-lb			
Q2A1C2	4 Str. - 1 Str.	2	1-1/2	1-7/8	1	1-1/16	7/16	3/8	2-7/8	7/16	7/32	1-13/16	150			
Q2A262N	1/0 Str. - 2/0 Str.		1-5/8	3-1/8	3/4	1-3/16	9/16	1/2	4-3/16	5/8	1/4	1-15/16	180			
Q2A282N	3/0 Str. - 4/0 Str.	1-7/8	1-3/8		4-3/8	2-1/8			250							
Q2A284N		4	3		4-1/2	5/16			325							
Q2A312N	250 - 350 kcmil	2	2-3/8		1-11/16	2			4-11/16			5	7/16	4-11/32	3	375
Q2A314N		4	3													
Q2A342N	400 - 500 kcmil	2	2-1/2		2-7/16	2-3/4			5-1/4			11/16	5	1/2	500	
Q2A344N		4	3													
Q2A402N	600 - 800 kcmil	2	3		3-1/4	3-1/8			5-1/2			11/16	5	1/2	600	
Q2A404N		4														
Q2A444N	850 - 1000 kcmil	4	3-1/2		3-1/4	3-1/8			5-1/2			11/16	5	1/2	600	
Q2A464N	1100 - 1500 kcmil		3-1/2	3-1/4												

* "N" indicates NEMA standard stud holes.

~ All 4N items see note LIGHTNING PROTECTION INFO.

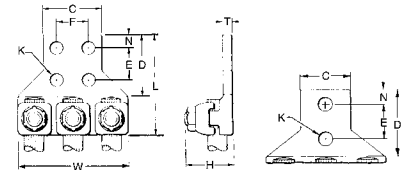
TYPE Q3A

QIKLUG™



Copper Cable

Compact, high copper alloy terminal for joining three cables to equipment pads or bar. Each element accommodates a wide range of cable. One-wrench installation.



Catalog Number*	Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	N	T	W	Recommended Tightening Torque in lb						
Q3A282N	3/0 Str. - 4/0 Str.	2	1-7/8	3-1/8	1-3/4	1-3/8	9/16	1/2	4-5/16	5/8	1/4	3-3/16	250						
Q3A284N	3/0 - 4/0 Str.	4	3						4-3/8										
Q3A312N	250 - 350 kcmil	2	2-3/8						4-7/16					5/16	4-1/16	325			
Q3A314N		4	3						1-11/16										
Q3A342N	400 - 500 kcmil	2	2-1/2						1-15/16					3/8	4-9/16	375			
Q3A344N		4	3						2-7/16								5	7/16	5-13/16
Q3A404N	600 - 800 kcmil	4	3						3-1/4					2-3/4	5-1/4	11/16	5	1/2	600
Q3A444N	850 - 1000 kcmil																		
Q3A464N	1100 - 1500 kcmil	4	3-1/2						3-1/4					3-1/8	5-1/2	11/16	5	1/2	600
Q3A444N	850 - 1000 kcmil		3-1/2						3-1/4										

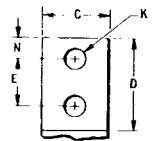
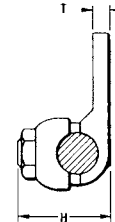
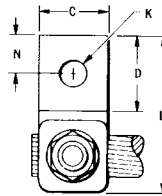
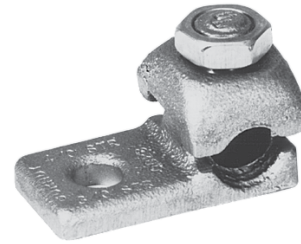
* "N" indicates NEMA standard stud holes.

TYPE QB

QIKLUG™

Copper Cable

Compact, high copper alloy side entrance terminal for joining a range of cable at right angles to terminal blocks. One-wrench installation.



Catalog Number*	Conductor	No. of Holes in Pad	C	D	E	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb
QB8C	14 Sol. - 8 Str.	1	9/16	9/16	—	7/8	7/32	#10	1-1/8	9/32	5/32	75
QB4C	8 Str. - 4 Str.	1	11/16	27/32	—	13/16	9/32	1/4	1-3/8	11/32	1/4	110
QB1C	4 Str. - 1 Str.	1	11/16	13/16	—	1	9/32	1/4	1-1/2	11/32	7/32	150
QB26	1/0 Str. - 2/0 Str.	1	13/16	1	—	1-1/32	13/32	3/8	1-13/16	7/16	7/32	180
QB28	3/0 Str. - 4/0 Str.	1	1	1-1/16	—	1-5/16	13/32	3/8	2-1/16	17/32	1/4	250
QB312N	250 - 350 kcmil	2	13/16	3-1/4	1-3/4	1-11/16	9/16	1/2	4-1/2	5/8	5/16	325

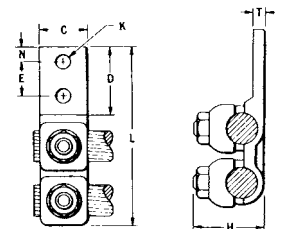
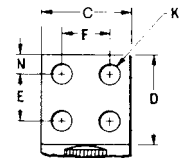
* "N" indicates NEMA standard stud holes.

TYPE Q2B

QIKLUG™

Copper Cable

Compact, high copper alloy terminal for joining two cables at right angles to a single terminal block. Each element accommodates a range of cable. One-wrench installation.



Catalog Number*	Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb
Q2B282N	3/0 Str. - 4/0 Str.	2	1-7/8	3-1/8	1-3/4	1-3/8	9/16	1/2	5-3/16	5/8	1/4	250
Q2B312N	250 - 350 kcmil	2	2-3/8	3-3/16	1-11/16	1-3/8	9/16	9/16	5-7/8	5/8	5/16	325
Q2B404N	600 - 800 kcmil	4	3	3-1/16	1-3/8	2-5/16	9/16	3/4	6-11/16	5/8	7/16	500

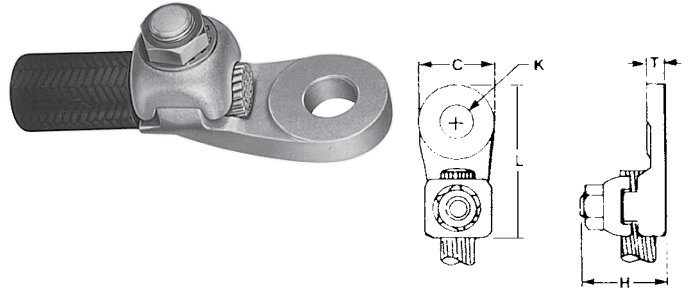
* "N" indicates NEMA standard stud holes.

~ All 4N items see note LIGHTNING PROTECTION INFO.

TYPE QDA

QIKLUG™

Copper Cable



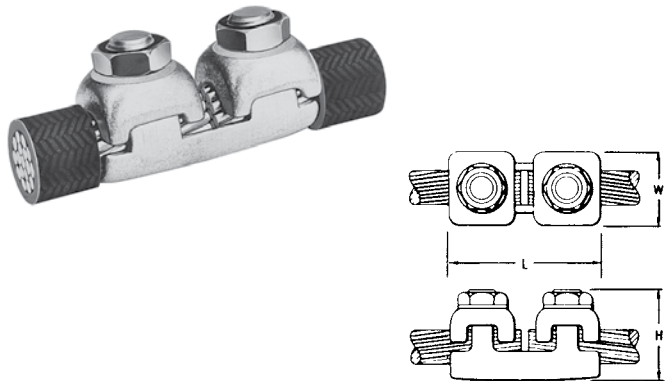
Compact, high copper alloy terminal for joining a wide range of cable to equipment studs. Provides low contact resistance when gripped between two contact nuts. One wrench installation.

Catalog Number	Conductor		C	H	K	Stud Hole Size	L	T	Recommended Tightening Torque in-lb
	Commercial	Navy							
QDA8C	14 Sol. - 8 Str.	3 - 14	1	11/16	7/16	3/8	1-7/8	3/16	75
QDA4C	8 Str. - 4 Str.	23 - 40	1	3/4	7/16	3/8	1-7/8	7/32	110
QDA1C	4 Str. - 1 Str.	50 - 75	1	1	7/16	3/8	2-3/16	9/32	150
QDA26	1/0 Str. - 2/0 Str.	100 - 125	1-1/4	1-3/16	9/16	1/2	2-1/2	5/16	180
QDA28	3/0 Str. - 4/0 Str.	150 - 200	1-1/4	1-5/16	9/16	1/2	2-5/8	5/16	250
QDA31	250 - 350 kcmil	250 - 350	1-1/2	1-11/16	11/16	5/8	3	5/16	325
QDA34	400 - 500 kcmil	400 - 500	1-7/8	2	13/16	3/4	3-5/8	5/16	375
QDA40	600 - 800 kcmil	650 - 800	2-1/8	2-5/16	1-1/16	1	4-3/16	3/8	500

TYPE QR

QIKLINK™ SPLICE OR REDUCER

Copper Cable to Cable



High copper alloy splicer/reducer for joining a range of cable end to end. Neat, compact easy to tape installation. One-wrench installation.

Catalog Number	Conductor Either Side	H	L	W	Recommended Tightening Torque in-lb
QR4C	6 Sol. - 4 Str.	3/4	1-11/16	5/8	110
QR1C	4 Str. - 1 Str.	1-1/16	1-15/16	11/16	150
QR26	1/0 Str. - 2/0 Str.	1-3/16	2-1/8	13/16	180
QR28	3/0 Str. - 4/0 Str.	1-3/8	2-3/8	1	250
QR31	250 - 350 kcmil	1-11/16	2-5/8	1-1/4	325
QR34	400 - 500 kcmil	1-15/16	3-1/16	1-7/16	375
QR40	600 - 800 kcmil	2-7/16	3-5/8	1-7/8	500

✓ See note LIGHTNING PROTECTION INFO.

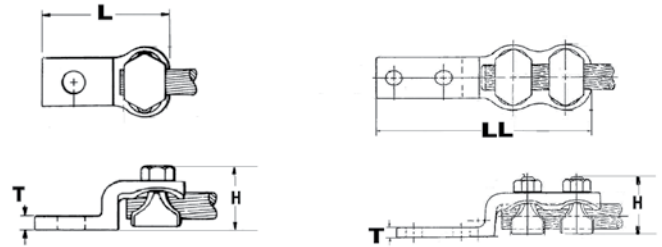
TYPES VA, VVA

VARILUG™



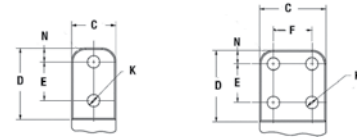
Copper Cable

High copper alloy terminal for joining a wide range of cable to equipment pads or bar. Particularly suitable for use on extra flexible cable. One-wrench installation. Type VVA, twin elements secure joint against vibration and flexing. Particularly recommended for use on extra flexible cables. One-wrench installation.



Type VA

Type VVA



Catalog Number*		Conductor	No. of Holes in Pad	C	D	E&F	H	K	Stud Hole Size	L	LL	N	T	Rec. Tightening Torque
Type VA	Type VVA													
VA2C	VVA2C	8 AWG-2 AWG	1	13/16	1-1/4	—	1-1/2	7/16	3/8	2-3/4	4-1/16	13/32	1/4	275
VA25	VVA25	6 AWG-1/0	1	7/8	1-5/16	—	1-7/8	7/16	3/8	2-7/8	4-5/16	7/16	1/4	385
VA28	VVA28	1/0 -4/0 AWG	1	1-1/16	1-1/2	—	2-1/4	7/16	3/8	2-7/8	4-1/8	17/32	5/16	250
VA282N	VVA282N	1/0 -4/0 AWG	2	1-1/16	3-1/2	1-3/4	2-1/4	9/16	1/2	4-15/16	6-1/5	5/8	5/16	250
VA30	VVA30	1/0 -300 kcmil	1	1-1/8	1-5/8	—	2-3/16	7/16	3/8	3-1/4	4-5/8	5/8	5/16	325
VA302N	VVA302N	1/0 -300 kcmil	2	1-1/8	3-9/16	1-3/4	2-3/16	9/16	1/2	5-3/16	6-9/16	5/8	5/16	325
VA34	VVA34	300 kcmil-500 kcmil	1	1-3/8	2	—	3-11/32	9/16	1/2	3-13/16	5-5/16	13/16	3/8	375
VA342N	VVA342N	300 kcmil-500 kcmil	2	1-3/8	3-5/8	1-3/4	3-11/32	9/16	1/2	5-3/8	6-7/8	5/8	3/8	375
VA344N	VVA344N	300 kcmil-500 kcmil	4	3	3-5/8	1-3/4	3-11/32	9/16	1/2	5-3/8	6-7/8	5/8	3/8	375
VA40	VVA40	500 kcmil-800 kcmil	1	1-5/8	2-5/16	—	2-7/8	11/16	5/8	4-1/2	6-3/8	15/16	3/8	500
VA402N	VVA402N	500 kcmil-800 kcmil	2	1-5/8	3-5/8	1-3/4	2-7/8	9/16	1/2	5-13/16	7-11/16	5/8	3/8	500
VA404N	VVA404N	500 kcmil-800 kcmil	4	3	2-5/8	1-3/4	2-7/8	9/16	1/2	5-13/16	7-11/16	5/8	3/8	500

* "N" indicates NEMA standard stud holes.

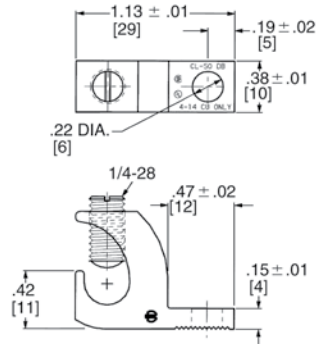
✓ All 4N items see note LIGHTNING PROTECTION INFO.

TYPE CL501 & CL501TN

COPPER LAY-IN QIKLUG™

Copper

The Lay-In QIKLUG™ is manufactured from high strength pure electrolytic copper to ensure maximum strength and conductivity. UL467 Listed for direct burial in earth or concrete. The open-faced design allows for fast lay-in of the conductor without the need for cutting or breaking. Stainless steel screws used for excellent corrosion resistance.



Catalog Number	Conductor Range	Stud Hole
CL501	14 AWG-4 AWG	#10
CL501TN	14 AWG-4 AWG	#10

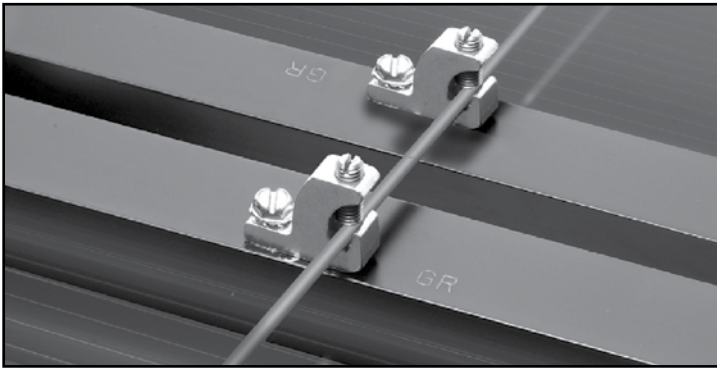


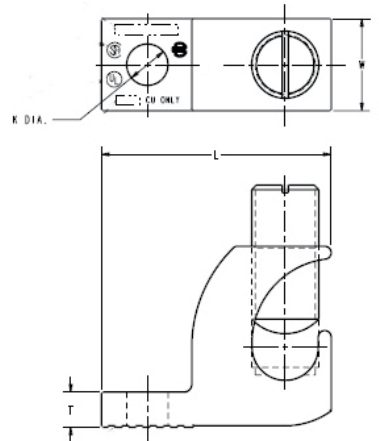
Photo above shows a typical solar panel installation using CL501 connectors.



TYPE CL

COPPER LAY-IN QIKLUG™

Copper



Manufactured for maximum strength and conductivity, these lay-in lugs allow for continuous runs of conductor and are well suited as terminations as well. Tin-plated, set screw style connectors, three sizes cover a range from #14AWG to 250 kcmil. CL3/0-516TN and CL250-516TN are UL Listed and CSA certified. CL1/0-14TN UL Listed for grounding and CSA Certified. 90° C rated. Suitable for copper conductors only.

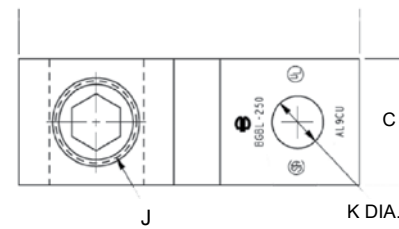
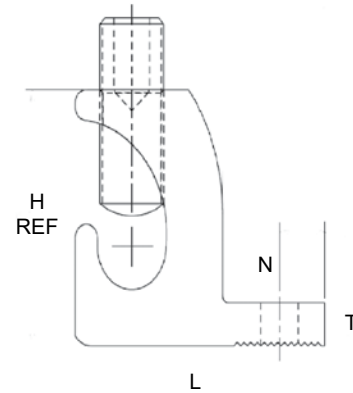
Catalog Number	Wire Range Copper	H	W	L	T	K Dia	Hex Size
CL1/014TN	#14 - 1/0 AWG	1.17	0.60	1.50	0.22	0.27	7/16-20 (Slotted)
CL3/0516TN	#6 - 3/0 AWG	1.56	0.80	2.00	0.30	0.33	9/16-18 (0.25 Hex)
CL250516TN	#6 AWG - 250 kcmil	1.79	0.80	2.20	0.30	0.33	9/16-18 (0.25 Hex)

TYPE BGBL

LAY-IN QIKLUG™

UL LISTED 90° C, 600 V

The Lay-In QIKLUG™, Type BGBL is manufactured from high strength 6061-T6 aluminum, and is ideally suited for grounding and bonding applications accommodating both copper and aluminum conductor sizes #14 AWG to 250 kcmil. The BGBL4SS with Stainless Steel screw is UL 467 Listed for grounding and bonding.



Features & Benefits

- UL 486B Listed, AL9CU Rated for copper and aluminum conductor combinations up to 90° C, 600 Volt applications
- UL Recognized for grounding and bonding to ensure reliability
- Electro-tin plating provides low contact resistance
- Lay-in feature eases installation

Catalog Number	Conductor Range	C	H	J	K	L	N	T	Hex Size
BGBL4	14 - 4	0.38 [10]	0.78 [20]	1/4 - 28	0.22 [6]	1.07 [27]	0.19 [5]	0.15 [4]	Slot
BGBL4SS*	14 - 4	0.38 [10]	0.78 [20]	1/4 - 28	0.22 [6]	1.07 [27]	0.19 [5]	0.15 [4]	Slot
BGBL1/0	14 - 1/0	0.60 [15]	1.17 [30]	3/8 - 24	0.27 [7]	1.50 [38]	0.30 [8]	0.22 [6]	Slot
BGBL250	6 - 250 kcmil	0.80 [20]	1.79 [45]	9/16 - 18	0.33 [8]	2.20 [56]	0.40 [10]	0.30 [8]	5/16

* Suitable for copper conductors only.

TYPES KA-U, KKA-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors

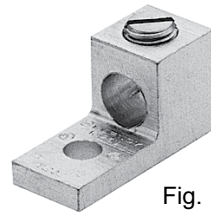


Fig. 1

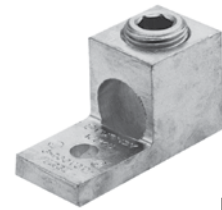


Fig. 2

These dual-rated one-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

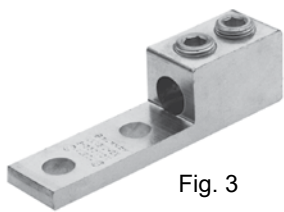


Fig. 3

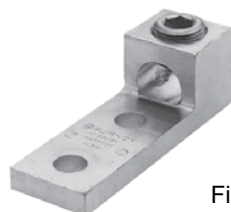


Fig. 4

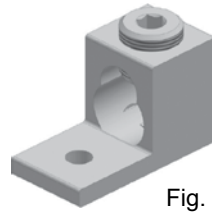
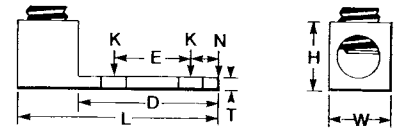


Fig. 5



Catalog Number*	Fig. No.	Wire Range Aluminum or Copper	Stud Hole Size	D	L	N	** W	E	T	** H	Recommended Tightening ▲ Torque (in-lb)
KA6U	1	14 AWG-6 AWG	1/4	0.63	1.06	0.25	0.50	—	0.09	0.51	45
KA2U	1	14-2	1/4	0.63	1.16	0.31	0.50	—	0.10	0.56	50
KA25U	1	14 AWG-1/0	1/4	0.81	1.50	0.44	0.63	—	0.19	0.92	50
KA26U	2	14 AWG-2/0	1/4	0.81	1.47	0.45	0.63	—	0.19	0.80	120
KA29U	2	6-250	5/16	0.94	2.00	0.47	1.00	—	0.25	1.14	275
KA30U	2	6 AWG-300 kcmil	5/16	0.94	2.00	0.45	1.00	—	0.25	1.14	275
KA31U	2	6 AWG-350 kcmil	3/8	1.03	2.25	0.52	1.13	—	0.25	1.27	275
KA34U	2	4 AWG-500 kcmil	3/8	1.50	2.81	0.88	1.51	—	0.31	1.58	500
KA36U	2	2 AWG-600 kcmil	3/8	1.72	3.19	0.78	1.50	—	0.44	1.58	500
KA40U	2	300 kcmil-800 kcmil	1/2	1.85	3.50	0.81	1.75	—	0.50	1.95	550
KA44U	2	500 kcmil-1000 kcmil	1/2	1.69	3.50	0.88	1.75	—	0.50	1.95	550
KKA31U2N	3	6 AWG-350 kcmil	1/2	3.16	5.50	0.63	1.25	1.75	0.38	1.52	275
KA36U2N	4	2 AWG-600 kcmil	1/2	3.22	4.69	0.63	1.50	1.75	0.44	1.57	500
KA40U2N	4	300 kcmil-800 kcmil	1/2	3.03	4.75	0.63	1.75	1.75	0.50	1.95	500
KA44U2N	4	500 kcmil-1000 kcmil	1/2	3.03	4.75	0.63	1.75	1.75	0.50	1.95	550
KA30226U	5†	6 Str. - 300 kcmil or (2) 4 Str. - 2/0 Str.	5/16	1.31	2.31	2.00	0.86	0.69	0.25	1.50	275
KA36229U	5	4 Str. - 600 kcmil or (2) 250 kcmil - 1/0 Str.	3/8	1.50	2.81	1.00	1.38	—	0.31	1.81	550
KA39230U	5	#2 Str. - 750 kcmil or (2) 1/0 Str. - 300 kcmil	3/8	1.50	2.81	1.00	1.38	—	0.31	1.81	550

* "N" indicates NEMA standard stud holes.

▲ Listed torque values are for maximum conductor sizes accommodated.

Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

† Figure 5 keyhole style with 2 hole pad.

** Maximum dimension.

TYPE K2A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors
(Two Conductors)

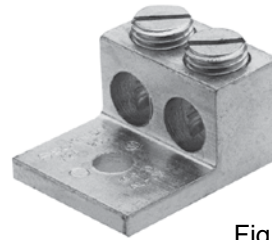


Fig. 1

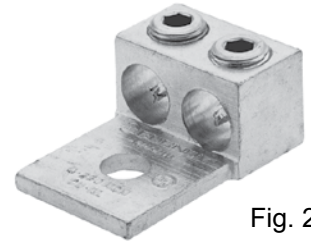


Fig. 2

These dual-rated two-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

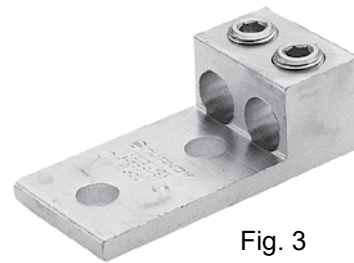
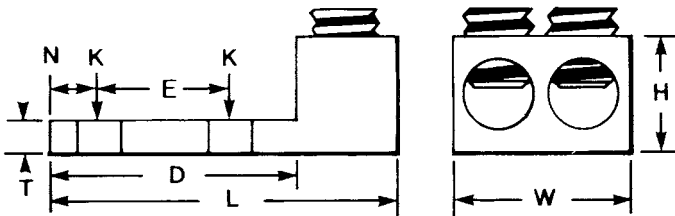


Fig. 3

Catalog Number*	Fig. No.	TWO: Wire Range (Aluminum or Copper)	Stud Hole Size	D	L	N	** W	E	T	** H	Recommended Tightening ▲ Torque (in-lb)
K2A25U	1	14 AWG-1/0	1/4	0.81	1.47	0.44	1.13	—	0.19	0.79	50
K2A26U	2	14 AWG-2/0 AWG	1/4	0.81	1.47	0.44	1.25	—	0.19	0.80	120
K2A29U	2	6 AWG-250 kcmil	3/8	1.50	2.56	0.50	1.66	—	0.25	1.20	275
K2A31U	2	6 AWG-350 kcmil	1/2	1.69	2.88	0.88	1.94	—	0.25	1.26	275
K2A36U	2	2 AWG-600 kcmil	1/2	1.75	3.20	0.63	2.41	—	0.44	1.58	375
K2A40U	2	300 kcmil-800 kcmil	5/8	1.66	3.38	0.88	3.19	—	0.50	1.95	500
K2A44U	2	500 kcmil-1000 kcmil	5/8	1.66	3.50	0.88	3.52	—	0.50	1.95	500
K2A31U2N	3	6 AWG-350 kcmil	1/2	3.00	4.50	0.63	2.31	1.75	0.31	1.39	275
K2A36U2N	3	2 AWG-600 kcmil	1/2	3.22	4.69	0.63	2.41	1.75	0.44	1.39	375
K2A40U2N	3	300 kcmil-800 kcmil	1/2	3.03	4.75	0.63	3.19	1.75	0.50	1.95	375
K2A44U2N	3	500 kcmil-1000 kcmil	1/2	3.03	4.75	0.63	3.19	1.75	0.50	1.95	375

* "N" indicates NEMA standard stud holes.

▲ Listed torque values are for maximum conductor sizes accommodated.

Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

** Maximum dimension.

TYPES K3A-U, KK3A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors
(Three Conductor)

Dual-rated three-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.



AL9CU



Fig. 1



Fig. 2



Fig. 3



Fig. 4

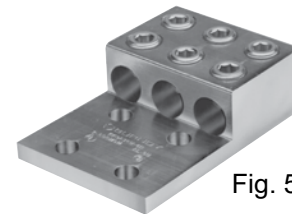
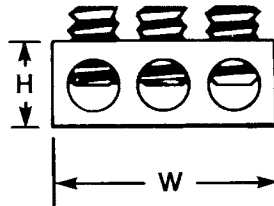
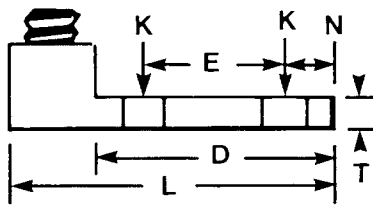


Fig. 5

Catalog Number**	Fig. No.	THREE: Wire Range (Aluminum or Copper)	K	Stud Hole Size	Dimensions							Rec. Tightening ▲ Torque (in-lb)
					D	L	N	W	E	T	H	
K3A2U2*	1	14 AWG-2 AWG	11/32	5/16	1.63	2.19	0.34	1.59	0.88	0.19	0.62	50
K3A25U2*	1	14 AWG-1/0	7/16	3/8	2.09	2.91	0.34	1.94	1.00	0.25	0.88	50
K3A26U2N	3	14 AWG-2/0 AWG	9/16	1/2	3.06	3.75	0.63	1.95	1.75	0.19	1.79	50
K3A27U2N	3	6 AWG-3/0 AWG	9/16	1/2	3.00	3.88	0.63	2.81	1.75	0.31	1.12	275
K3A29U2N	3	6 AWG-250 kcmil	9/16	1/2	3.16	4.00	0.63	2.81	1.75	0.31	1.19	275
K3A31U2N	3	6 AWG-350 kcmil	9/16	1/2	3.16	4.31	0.63	3.52	1.75	0.31	1.38	275
K3A36U2N	3	2 AWG-600 kcmil	9/16	1/2	3.22	4.69	0.63	3.63	1.75	0.44	1.56	375
KK3A36U2N	2	2 AWG-600 kcmil	9/16	1/2	3.00	5.50	0.63	4.22	1.75	0.38	1.52	375
KK3A40U2N	2	300 kcmil-800 kcmil	9/16	1/2	3.34	6.19	0.63	4.81	1.75	0.56	1.89	375
KK3A44U2N	2	500 kcmil-1000 kcmil	9/16	1/2	3.34	6.19	0.63	4.75	1.75	0.56	1.90	500
K3A2U4*	4	14 AWG-2 AWG	11/32	5/16	1.63	2.19	0.34	1.59	0.88	0.19	0.62	50
K3A25U4*	4	14 AWG-1/0	7/16	3/8	2.09	2.91	0.34	1.94	1.00	0.25	0.88	50
K3A27U4N	4	6 AWG-3/0 AWG	9/16	1/2	3.00	3.88	0.63	2.81	1.75	0.31	1.12	275
K3A29U4N	4	6 AWG-250 kcmil	9/16	1/2	3.00	4.00	0.63	2.81	1.75	0.31	1.19	275
K3A31U4N	4	6 AWG-350 kcmil	9/16	1/2	3.00	4.31	0.63	3.00	1.75	0.31	1.38	275
K3A36U4N	4	2 AWG-600 kcmil	9/16	1/2	3.22	4.69	0.63	3.63	1.75	0.44	1.56	375
K3A40U4N	4	300 kcmil-800 kcmil	9/16	1/2	3.03	4.75	0.63	4.81	1.75	0.50	1.94	375
KK3A36U4N	5	2 AWG-600 kcmil	9/16	1/2	3.00	5.50	0.63	4.22	1.75	0.38	1.52	375
KK3A40U4N	5	300 kcmil-800 kcmil	9/16	1/2	3.34	6.19	0.63	5.34	1.75	0.56	1.89	500
KK3A44U4N	5	500 kcmil-1000 kcmil	9/16	1/2	3.34	6.19	0.63	4.75	1.75	0.56	1.90	500

* Slotted screw.

** 'N' indicates NEMA standard stud holes.

▲ Listed torque values are for maximum conductor sizes accommodated.

Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

✓ All 4N items see note LIGHTNING PROTECTION INFO.

TYPES K4A-U, KK4A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors
(Four Conductors)

These dual-rated four conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

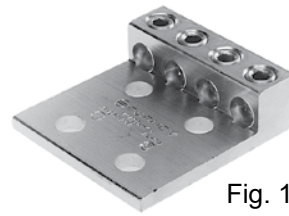


Fig. 1

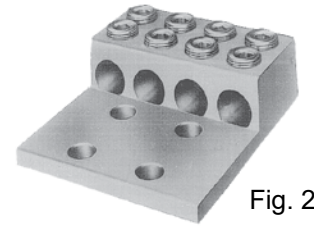
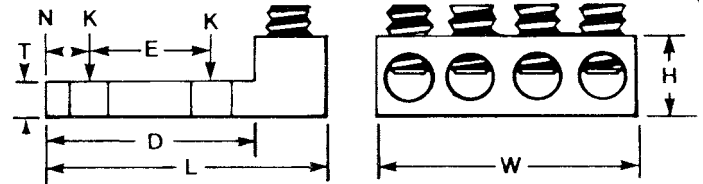


Fig. 2



Catalog Number*	Fig. No.	FOUR: Wire Range (Aluminum or Copper)	Stud Hole Size	Dimensions							Recommended Tightening Torque (in-lb)
				D	L	N	W	E	T	H	
K4A29U4N	1	6 AWG-250 kcmil	1/2	3.16	4.25	0.63	3.69	1.75	0.31	1.19	275
K4A31U4N	1	6 AWG-350 kcmil	1/2	3.00	4.50	0.63	5.04	1.75	0.31	1.38	275
KK4A36U4N	2	2 AWG-600 kcmil	1/2	3.34	5.63	0.63	5.00	1.75	0.44	1.51	375
KK4A40U4N	2	300 kcmil-800 kcmil	1/2	3.41	6.19	0.63	6.00	1.75	0.56	1.88	375

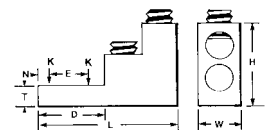
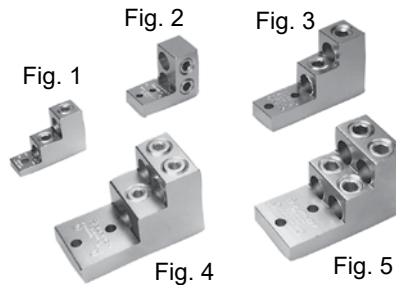
* "N" indicates NEMA standard stud holes.

~ All 4N items see note LIGHTNING PROTECTION INFO.

TYPES K11A-U, K21A-U, K22A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors



Dual-rated panelboard lugs are constructed from high strength extruded aluminum alloy and electro tin-plated to provide low contact resistance.

Catalog Number	Fig. No.	# of Conductors	Wire Range (Aluminum or Copper)	Stud Hole Size	D	L	N	W	E	T	H	Recommended Tightening ▲ Torque (in-lb)
K11A30U	1	2	6 AWG-300 kcmil	5/16	0.94	3.00	0.47	1.00	—	0.50	2.03	275
K11A34U2	2	2	4/0 AWG-500 kcmil	1/4	2.31	2.91	0.25	1.44	0.69	0.63	2.40	375
K11A36U2	3	2	2 AWG-600 kcmil	3/8	2.31	4.91	0.38	1.50	1.38	0.75	3.02	375
K21A36U2	4	3	2 AWG-600 kcmil	3/8	2.31	4.91	0.38	2.50	1.38	0.75	3.03	375
K22A36U2	5	4	2 AWG-600 kcmil	3/8	2.31	4.91	0.38	2.50	1.38	0.75	3.03	375
K11A39U2	3	2	1/0 -750 kcmil	3/8	2.31	4.91	0.38	1.69	1.38	0.75	3.02	375
K22A39U2	5	4	1/0 -750 kcmil	3/8	2.31	4.91	0.38	3.06	1.38	0.75	3.02	375

▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

TYPE K-A-U2N

UNIVERSAL TERMINAL



Aluminum and Copper Conductors
(One to Four Conductors; NEMA-Spaced Tongue)

These panel board terminals allow multiple conductors to be terminated to equipment pads, bus bars, or other electrical equipment. Conductor ports are in a stacked arrangement to save space. They are made from high strength aluminum alloy and are tin-plated for low contact resistance.

Features & Benefits

- Dual rated AL9CU for both copper and aluminum conductor
- 600 Volt Rated
- UL Listed UL486A-486B; CSA Certified C22.2 No. 65
- Range taking conductor ports
- Each size can accommodate up to 4 conductors
- 1/2" diameter stud holes spaced 1-3/4" apart (NEMA-spacing)



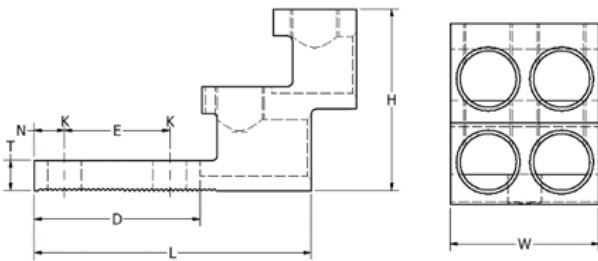
Fig. 1



Fig. 2



Fig. 3



Catalog Number	Fig. #	# of Conductors	Wire Range	W	Stud Hole Size	D	L	N	E	T	H	Rec. Installation Torque (in-lbs)
K11A36U2N	1	2	#2 AWG - 600 kcmil	1.50"	1/2"	2.75"	5.34"	0.50"	1.75"	0.50"	3.00"	375
K21A36U2N	2	3		2.47"								
K22A36U2N	3	4		2.47"								
K11A39U2N	1	2	1/0 AWG - 750 kcmil	1.50"	1/2"	2.75"	5.34"	0.50"	1.75"	0.50"	3.00"	375
K21A39U2N	2	3		2.75"								
K22A39U2N	3	4		2.75"								

TYPES K6A-U, K8A-U, KK6A-U, KK8A-U

UNIVERSAL TERMINALS

Aluminum and Copper Conductors
(Six and Eight Conductors)

These dual-rated six and eight conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

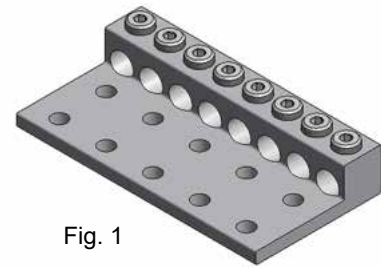


Fig. 1

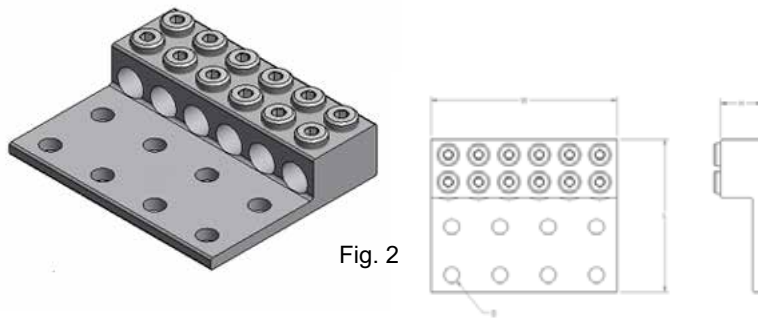


Fig. 2

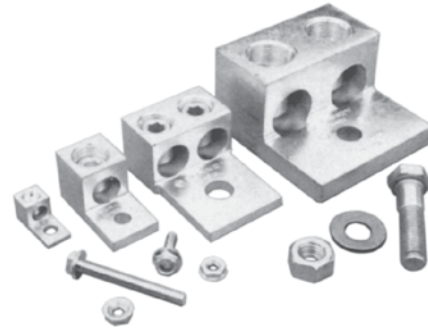
Catalog Number	Fig. No.	No. of Conductors	No. of Mtg Holes	Wire Range Aluminum or Copper	Stud Hole Size	Depth	Width	Height	Rec. Tightening Torque in-lb ♦
K6A34U8	1	6	8	10 AWG - 500 kcmil	9/16	4.63	6.75	1.56	375
K8A34U10	1	8	10	10 AWG - 500 kcmil	9/16	4.63	8.75	1.56	375
KK6A31U8	2	6	8	12 AWG - 350 kcmil	9/16	5.31	6.38	1.50	275
KK8A31U10	2	8	10	12 AWG - 350 kcmil	9/16	5.31	8.13	1.50	275
KK6A34U8	2	6	8	10 AWG - 500 kcmil	9/16	5.50	6.75	1.50	375
KK8A34U10	2	8	10	10 AWG - 500 kcmil	9/16	5.50	8.75	1.50	375
KK8A39U12	2	8	12	2 AWG - 750 kcmil	9/16	6.19	10.25	1.88	550
KK6A44U12	2	6	12	350 kcmil - 1000 kcmil	9/16	6.19	10.00	1.88	550
KK8A44U14	2	8	14	350 kcmil - 1000 kcmil	9/16	6.19	12.12	1.88	550

♦ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, & 7-6 for smaller conductor sizes

TYPE KAU-KIT

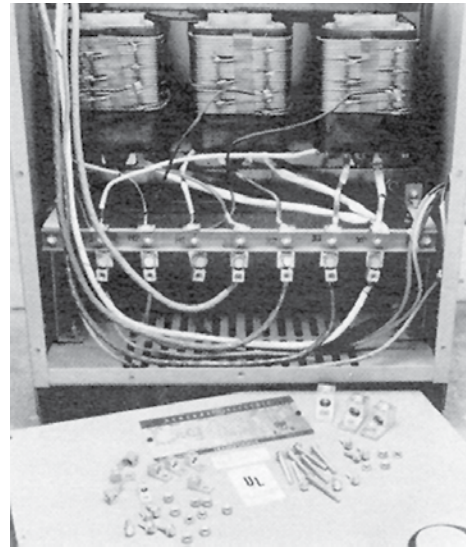
TRANSFORMER LUG KIT

These dual-rated lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance. Lugs and mounting hardware packaged together in these kits.



Features & Benefits

- UL Listed and CSA Certified, AL9CU dual rated set screw terminals to ensure the transformer feeders and taps are terminated properly
- Plated steel cap screws and hex nuts with captive conical washers or individual Belleville washers
- Terminal to bus connections are made using proper hardware resulting in true torque to pressure performance - compensates for dissimilar metal expansion and contraction
- Hardware packed in plastic bag to prevent lost hardware prior to installation
- Larger 800 kcmil lugs in KIT3 and KIT4 accommodates common 750 kcmil tap conductors in larger transformers



Catalog Number	Transformer KVA Rating	Terminals		Wire Range Aluminum or Copper	Hardware					
		Qty	Catalog Number		Qty	Bolt Size	Qty	Nut	Qty	Washer
KAUKIT1	15 - 37.5 1Ø	8	KA2U	14 AWG-250 kcmil	8	1/4-20 X 3/4 HH	8	1/4 X 20 HN	-	Captive to Nut
	15 - 45 3Ø	4	KA29U							
KAUKIT2	50 - 75 1Ø	12	KA29U	6 AWG-250 kcmil	8	1/4-20 X 3/4 HH	16	1/4 X 20 HN	-	Captive to Nut
	75 - 112.5 3Ø				8	1/4-20 X 2 HH				
KAUKIT3	100 - 167 1Ø	6	K2A31U	6 AWG-800 kcmil	5	1/2-13 X 3 HH	11	1/2-13 HN	22	1/2 FW
	150 - 300 3Ø	7	K2A40U		6	1/2-13 X 2-1/2 HH			11	1/2 Belleville
KAUKIT4	400 - 500 3Ø	15	K2A40U	300 kcmil-800 kcmil	7	1/2-13 X 2 HH	11	1/2-13 HN	22	1/2 FW
					4	1/2-13 X 2-1/2 HH			11	1/2 Belleville

HH = Hex Head
 HN = Hex Nut
 FW = Flat Washer

TYPES KAP / KAPO

MECHANICAL PIN ADAPTORS



Aluminum and Copper Conductors

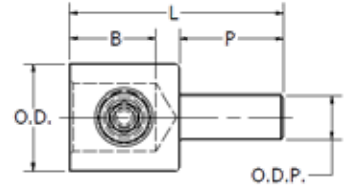
AL9CU

Five range taking sizes accommodate from #6 to 750 kcmil. Each size is offered in a center and off-centered pin design. The off-centered pins can be rotated to prevent interference when installing conductors side-by-side in limited space applications. Insulated covers are provided with each connector to prevent contact between it and uninsulated live parts of opposite polarity or grounding metal.

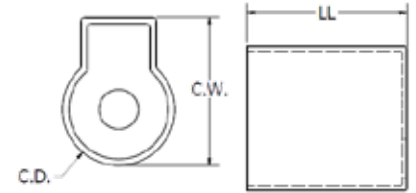
UL Listed for use with Flex (fine stranded) conductor; four smaller sizes utilize a disc-pad screw preventing damage to the fine strands as the conductor is compressed during installation.

Features & Benefits

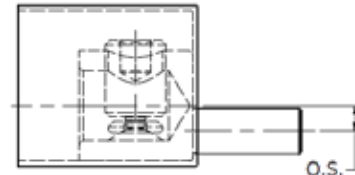
- AL9CU Dual rated for both copper and aluminum conductor; 600 Volt Rated
- UL Listed to UL Wire Connector Standard UL486A-B
- Rated for use with Flex (fine stranded) conductor
- Range taking conductor port
- Off-centered pin available to reduce center-to-center distance between adjacent pins
- Easy installation with the use of a torque wrench - no crimping tool and/or die required
- Plastisol insulated covers provided with each connector
- Covers are molded to fit around set screws protruding from connector



PIN



COVER



ASSEMBLY

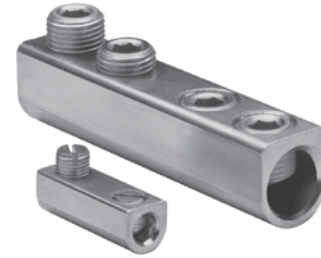
Catalog Number	Wire Range Class B, C, H, I, K, DLO	Pin Dimensions						Pin Size Equiv.	Cover Dimensions			Assy Dim.	Installation Torque (in-lbs)		Hex Key	Amp Rating			
		O.D.	B (Strip Length)	L	P	O.D.P.	C.D.		C.W.	LL	O.S.		Range	Torque					
KAP1/0	#6 - 1/0 AWG	1.00	.97	2.01	.84	.29	2 AWG	1.12	1.43	1.92	—	#6 - 1/0 AWG	100	1/4"	170				
KAPO1/0		[25]	[25]	[51]	[21]	[7]		[28]	[36]	[49]						.27 / [7]			
KAP250R	#2 - 250 kcmil	1.25	1.00	2.47	1.09	0.33	1/0 AWG	1.43	1.81	2.22	—	#2 - 2/0 AWG 3/0 AWG - 262 DLO	180 300	5/16"	290				
KAPO250R		[32]	[25]	[63]	[28]	[8]		[36]	[46]	[56]						.37 [9]			
KAP350R	1/0 - 350 kcmil	1.38	1.11	2.75	1.34	0.42	3/0 AWG	1.50	2.00	2.22	—	1/0 AWG - 373 DLO	450	3/8"	350				
KAPO350R						[13]										[38]	[51]	[56]	.31 / [8]
KAP350						.57	250 kcmil												[38]
KAPO350						[14]										.31 / [8]			
KAP500R	4/0 - 500 kcmil	1.50	1.10	2.92	1.34	0.57	300 kcmil	1.68	2.43	2.42	—	4/0 AWG 250 kcmil - 535 DLO	400 600	1/2"	430				
KAPO500R		[38]	[28]	[74]	[34]	[14]		[43]	[62]	[61]						.38 / [10]			
KAP750	350 - 750 kcmil	1.75	2.30	4.46	1.76	.81	500 kcmil	1.87	2.37	3.51	—	350 - 750 kcmil	500	1/2"	535				
KAPO750		[44]	[58]	[113]	[45]	[21]		[48]	[60]	[89]						.38 / [10]			

TYPE AMS

DUAL RATED SPLICER/REDUCER

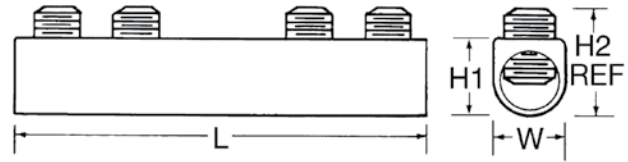
Copper and Aluminum Cable

All splicer/reducers are dual rated for use with aluminum and copper conductors and are constructed from high strength, tin plated aluminum. PENETROX™ oxide inhibiting joint compounds are recommended for all aluminum applications.



Features & Benefits

- All connectors are tin-plated to provide low contact resistance and prevents galvanic corrosion
- Connectors feature rounded bottoms which facilitates taping
- Solid center barrier prevents contact of dissimilar metals
- Large screw diameters ensure greater surface contact with wires for maximum pullout force
- Large cable range accommodated; each splice is also an effective reducing connector



Catalog Number	Wire Range	L	W	H1	H2 Max	Number of Screws	Screw Diameter	Hex Size
	Aluminum & Copper							
AMS2*	14 AWG-2 AWG	1-19/32	9/16	9/16	0.79	2	3/8	Slot
AMS0*	14 AWG-1/0	1-29/32	3/4	3/4	0.86	2	7/16	Slot
AMS4/0	6 AWG-4/0 AWG	2-5/16	1	1-3/32	1.28	2	9/16	5/16
AMS250	6 AWG-250 kcmil	4-3/32	1	1-3/32	1.29	4	5/8	5/16
AMS350	6 AWG-350 kcmil	4-11/32	1	1-3/32	1.3	4	11/16	5/16
AMS500	3/0 AWG-500 kcmil	4-25/32	1-1/4	1-3/8	1.48	4	13/16	3/8
AMS750	250 kcmil-750 kcmil	6-1/6	1-7/16	1-5/8	1.98	4	15/16	1/2
AMS1000	500 kcmil-1000 kcmil	8-11/16	1-21/32	1-7/8	2.34	6	1-1/8	9/16

* Slotted Screws. H2 measured with maximum conductors, reference only.

✓ Complies with NFPA 78-86.

TYPE KPU-AC

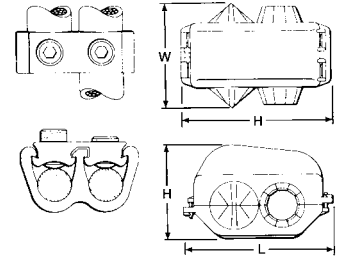
POLYTAP™



Insulated Gutter Tap for All Copper and Aluminum Combinations

Wide range-taking tin-plated aluminum parallel clamp and insulating cover assembly for industrial and multiple story structure applications. Only six connectors cover the entire 14 Sol.-750 kcmil range. Covers having flexible fingers that conform to conductor, fully insulating the connection. UL486B Listed for 600 volts maximum 90° C service. Cover and connector are packaged together. No taping required.

600 Volt Max. 90° C



Catalog Number	Conductor Copper or Aluminum		W	H	L	Rec. Tightening ▲ Torque in-lb
	Run	Tap				
KPU29A26AC	1/0 -250 kcmil	14 AWG-2/0 AWG	3-1/8	3-3/8	4.24	375
KPU29A29AC	1/0 -250 kcmil	6 AWG-250 kcmil	3-1/8	3-3/8	4.24	375
KPU34A26AC	4/0 AWG-500 kcmil	14 AWG-2/0 AWG	3-1/2	3-1/2	4.58	450
KPU34A34AC	4/0 AWG-500 kcmil	6 AWG-500 kcmil	3-1/2	3-1/2	4.58	450
KPU39A39AC	500 kcmil-750 kcmil	1/0 -750 kcmil	3-1/2	3-83/100	5.06	600

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller combinations.

✓ See note LIGHTNING PROTECTION INFO.

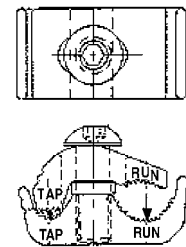
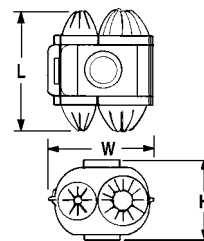
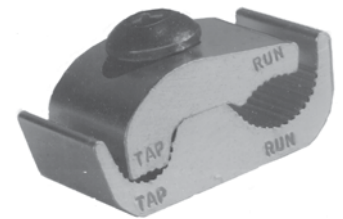
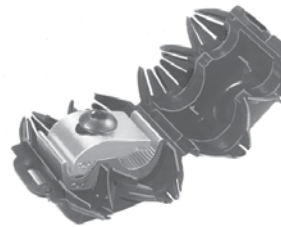
TYPE UCU-AC

RISER TAP

600 VOLT MAX. 90° C MAX



Parallel-groove riser tap and insulation cover for copper and aluminum. Wide range-taking assembly for apartment house and light industrial applications. Cover and connector are packaged together. Covers having insulating fingers that conform to conductors, fully insulating the connection. UL486B Listed for 600 volts max. 90° C service



Catalog Number	Conductor Copper or Aluminum		W	H	L	Recommended Tightening ▲ Torque in-lb
	Run	Tap				
UCU28AC	#2 Str.- 4/0 Str.	#10 Sol. - #2 Str.	2-1/4	1-13/16	2-5/8	120

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller combinations.

TYPE AGSKIT

ABOVE GRADE SPLICE KITS

Aluminum or Copper/Aluminum Combinations

Type AGS Above Grade Splice Kit consists of a standard AMS splice/reducer and a heavy wall heat-shrink sleeve. The AMS Splice is dual rated for use with aluminum and copper conductors and are constructed from high strength, tin plated aluminum that provides low contact resistance and reduces the effects of galvanic corrosion. Connector is installed with common installation tools. The heavy wall heat shrink sleeve is lined with adhesive material, providing a positive seal against moisture egress. Heat shrink sleeve is installed with standard propane torch, or electric heat gun.

Catalog Number	Figure Number	Wire Range
AGSKIT2	1	8 AWG-2 AWG
AGSKIT250	2	1 AWG-250 kcmil



Fig. 1



Fig. 2



TYPE UGSKIT

WATERTIGHT/UNDERGROUND SPLICE KITS

Aluminum or Copper/Aluminum Combinations

Type UGS Watertight Underground Splice Kit consists of a standard AMS splice/reducer and two heavy wall heat-shrink sleeves. The AMS Splice is dual rated for use with aluminum and copper conductors and are constructed from high strength, tin plated aluminum that provides low contact resistance and reduces the effects of galvanic corrosion. Connector installed with common installation tools. Both heavy wall heat shrink sleeves are lined with adhesive material, providing a watertight splice that can withstand abrasions that may occur during direct burial applications. Heat shrink sleeve installed with standard propane torch, or electric heat gun.

Catalog Number	Figure Number	Wire Range
UGSKIT2*	1	8 AWG-2 AWG
UGSKIT250*	2	1 AWG-250 kcmil

*UL486D Listed for Direct Burial



Fig. 1



Fig. 2



TYPE UGSKIT8

UF DIRECT BURIAL SPLICE KIT



Type UGS UF Splice Kit consists of a UF splice connector and a heavy wall heat-shrink sleeve. The UF splice connector can accommodate up to four UF conductors and is installed with common installation tools. The heavy wall heat shrink sleeve is lined with an adhesive material, providing a water-tight splice that can withstand abrasions that may occur during direct burial applications. Heat shrink sleeve installed with standard propane torch, or electric heat gun.



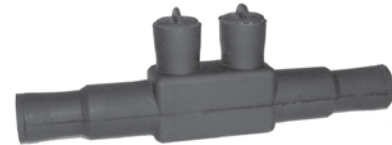
Catalog Number	Wire Range
	Copper
UGSKIT8*	14 AWG-8 AWG

*UL486D Listed for Direct Burial

TYPE UGS350ULDB

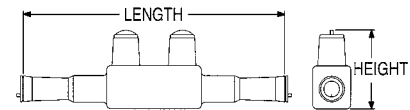
IN-LINE SPLICE/REDUCER

For Direct Burial



Features & Benefits

- EPDM rubber covered 6061-T6 aluminum connector
- Dual rated AL9CU for copper or aluminum conductor
- UL Listed and CSA Certified for Direct Burial
- Broad range taking capability
- Low installation cost
- Submersible rated
- For use in wet or damp locations excluding Freezing Conditions; ensure products are installed below frost line (where applicable) when used in wet conditions



Catalog Number	Wire Range	Length	Height	Hex Size	Torque (In. Lbs.)
UGS350ULDB	12 AWG-350 kcmil	8.50	2.81	5/16	350

BURNDY UNITAP™

THE MOLE™

For Direct Burial
600V, 90° C

Designed specifically for direct burial applications, the MOLE™ in-line splice/reducer is made with a specialized plastisol material that forms a rugged weathertight connection.



Features & Benefits

- UL486D UL Listed for Direct Burial
- AL9CU Dual-rated for copper and aluminum applications; 600 Volts, 90°C
- Plastisol covered AL 6061-T6 aluminum body saves time by eliminating the need for heat shrink
- Oxide inhibitor pre-installed prevents moisture and contaminants from entering the contact area
- Range-taking capability reduces the number of connectors in inventory



Catalog Number	Number of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key	Torque (In.-lbs.)	Wire Strip Length
BISR4DB	2	#6 AWG-#4 AWG	4.30	0.68	1.39	1/8	50	7/8"
BISR1DB	2	#2 AWG-#1 AWG	6.30	0.88	1.75	5/32	130	1-3/32"
BISR3/0DB	2	1/0 AWG -3/0 AWG	6.25	0.99	1.96	3/16	220	1-3/32"
BISR250DB	2	4/0 AWG-250 kcmil	6.70	1.18	2.17	5/16	360	1-5/16"

BISR-DB = BURNDY Inline Splice/Reducer Direct Burial.
UNITAP™ rated for code conductor only.

Direct Burial UNITAP™ Connectors

UNITAP™

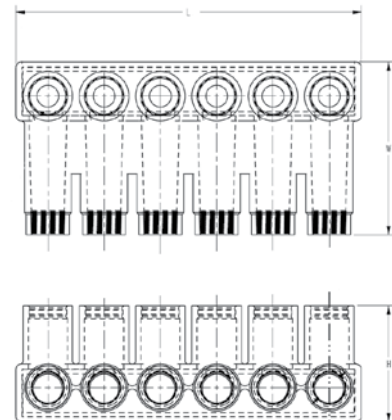
Dual Rated Multiple Tap Connector

These rubber insulated, dual rated connectors are for use in networks up to 600V. Suitable in light fixture pole bases in commercial, industrial, or residential markets. Distribution within strip malls, for use in any multi-tenant facility. No taping or heat shrink required.



Features & Benefits

- Dual rated for aluminum or copper conductors
- Each unit is individually marked for ease of identification
- Supplied with aluminum set-screws
- Covering is the highest quality EPDM rubber
- Supplied with oxide inhibitor pre-installed
- Submersible rated and suitable for Direct Burial
- Meets ANSI C119.1 and C119.4 requirements
- Rated 600V and 90°C; UL Listed and CSA Certified
- For use in wet or damp locations excluding Freezing Conditions; ensure products are installed below frost line (where applicable) when used in wet conditions
- Silicone provided for conductor insertion



Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Wire Strip Length (in)
BIBS3502DB	2	12 AWG-350 kcmil	2.61	4.06	2.46	1.125
BIBS3503DB	3	12 AWG-350 kcmil	3.82	4.06	2.46	1.125
BIBS3504DB	4	12 AWG-350 kcmil	5.03	4.06	2.46	1.125
BIBS3505DB	5	12 AWG-350 kcmil	6.24	4.06	2.46	1.125
BIBS3506DB	6	12 AWG-350 kcmil	7.45	4.06	2.46	1.125
BIBS5003DB	3	10 AWG-500 kcmil	4.31	4.58	3.13	1.50
BIBS5004DB	4	10 AWG-500 kcmil	5.69	4.58	3.13	1.50
BIBS5005DB	5	10 AWG-500 kcmil	7.06	4.58	3.13	1.50
BIBS5006DB	6	10 AWG-500 kcmil	8.44	4.58	3.13	1.50

Recommended Torque Values for Direct Burial UNITAP™		Recommended BURNDY® Torque Wrench
Conductor Size	Recommended Torque Range	
#12 - #6 AWG	125 - 150 in-lbs	BTW30150
#4 - 3/0 AWG	180 - 240 in-lbs	BTW150750
4/0 - 350 AWG	275 - 450 in-lbs	BTW150750
400 - 1000 AWG	475 - 550 in-lbs	BTW150750



UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor

UNITAP™

Clear Insulated Multiple Tap Connectors

Tap connections and in-line splice/reductions are made quickly and easily with the UNITAP™ line of clear insulated connectors for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. Featuring multiple configurations suitable for most any application.



Features & Benefits

- Clear Plastisol covered AL6061-T6 aluminum body saves time, lowering installation costs and eliminates taping
- Clear Plastisol allows visual confirmation that the conductor is properly inserted
- Oxide inhibitor pre-installed inhibits moisture and contaminants from entering the contact area
- Range-taking capability reduces number of connectors necessary to carry in inventory



In-Line Splice Reducer
Figure 1



Tap - Opposite Side
Entry
Figure 2



Tap - Same Side Entry
Figure 3



Multiple Port Tap
Single Sided Entry
Figure 4



Multiple Port Tap
Double Sided Entry
Figure 5



Multiple Port
Mounted Tap
Single Sided Entry
Figure 6



Multiple Port
Mounted Tap
Double Sided Entry
Figure 7

UNITAP™ Clear Insulated In-Line Splice/Reducer Connectors for Code Conductor

Clear Insulated In-Line Splice/Reducer Connectors



In-Line Splice Reducer
Figure 1

Type BISR in-line splice/reductions are made quickly and easily with the UNITAP™ line of clear insulated connectors for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The full UNITAP™ line features multiple configurations suitable for most any application.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-2 AWG	115 A	2	In-Line Splice Reducer	1	2.38	0.75	1.22	5/32	BISR2
14 AWG-1/0 Str	150 A	2	In-Line Splice Reducer	1	2.91	0.91	1.38	3/16	BISR1/0
10 AWG-250 kcmil	250 A	2	In-Line Splice Reducer	1	4.01	1.19	2.13	5/16	BISR250
10 AWG-350 kcmil	310 A	2	In-Line Splice Reducer	1	4.63	1.34	2.35	5/16	BISR350
6 AWG-500 kcmil	380 A	2	In-Line Splice Reducer	1	5.00	1.62	2.62	3/8	BISR500

Only 1 conductor per port allowed

UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor

Clear Insulated In-Line Multi-Tap Connectors



Tap - Opposite Side Entry
Figure 2



Tap - Same Side Entry
Figure 3

Type BIT and BITO (Offset) Multi-Tap connectors are installed quickly and easily and are suitable for use on code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The full UNITAP™ line features multiple configurations suitable for most any application.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-4 AWG	85 A	2	Tap - Opposite Side Entry	2	1.16	1.50	1.25	1/8	BITO4
14 AWG-4 AWG	85 A	2	Tap - Same Side Entry	3	1.16	1.16	1.25	1/8	BIT4
14 AWG-2/0 AWG	175 A	2	Tap - Opposite Side Entry	2	1.52	1.56	1.38	3/16	BITO2/0
14 AWG-2/0 AWG	175 A	2	Tap - Same Side Entry	3	1.52	1.40	1.38	3/16	BIT2/0
10 AWG-250 kcmil	255 A	2	Tap - Opposite Side Entry	2	2.03	2.64	2.13	5/16	BITO250
10 AWG-250 kcmil	255 A	2	Tap - Same Side Entry	3	2.03	2.07	2.13	5/16	BIT250
10 AWG-350 kcmil	310 A	2	Tap - Opposite Side Entry	2	2.22	3.00	2.50	5/16	BITO350
10 AWG-350 kcmil	310 A	2	Tap - Same Side Entry	3	2.22	2.32	2.50	5/16	BIT350
4 AWG-600 kcmil	420 A	2	Tap - Opposite Side Entry	2	2.72	3.00	2.75	3/8	BITO600
4 AWG-600 kcmil	420 A	2	Tap - Same Side Entry	3	2.72	2.38	2.75	3/8	BIT600
2 AWG-750 kcmil	475 A	2	Tap - Opposite Side Entry	2	2.87	3.38	3.00	3/8	BITO750 *
2 AWG-750 kcmil	475 A	2	Tap - Same Side Entry	3	2.87	2.70	3.00	3/8	BIT750 *

Only 1 conductor per port allowed

*Not UL Listed

UNITAP™ Clear Insulated Multi-Port Connectors for Code Conductor; Single-Sided Entry

Clear Insulated Multi-Port Connectors



Type BIBS Multi-Port, Single-Sided Tap connectors for quick, easy tap connections for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. Featuring multiple configurations suitable for most any application.

Multiple Port Tap Single Sided Entry
Figure 4

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-4 AWG	85 A	3	Multiple Port Tap Single Sided Entry	4	1.51	1.25	1.25	1/8	BIBS43
14 AWG-4 AWG	85 A	4	Multiple Port Tap Single Sided Entry	4	1.95	1.25	1.25	1/8	BIBS44
14 AWG-4 AWG	85 A	5	Multiple Port Tap Single Sided Entry	4	2.39	1.25	1.25	1/8	BIBS45
14 AWG-4 AWG	85 A	6	Multiple Port Tap Single Sided Entry	4	2.83	1.25	1.25	1/8	BIBS46
14 AWG-4 AWG	85 A	8	Multiple Port Tap Single Sided Entry	4	3.71	1.25	1.25	1/8	BIBS48
14 AWG-1/0 Str	175 A	3	Multiple Port Tap Single Sided Entry	4	2.19	1.31	1.38	3/16	BIBS2/03
14 AWG-1/0 Str	175 A	4	Multiple Port Tap Single Sided Entry	4	2.86	1.31	1.38	3/16	BIBS2/04
14 AWG-1/0 Str	175 A	5	Multiple Port Tap Single Sided Entry	4	3.53	1.31	1.38	3/16	BIBS2/05
14 AWG-1/0 Str	175 A	6	Multiple Port Tap Single Sided Entry	4	4.20	1.31	1.38	3/16	BIBS2/06
14 AWG-1/0 Str	175 A	8	Multiple Port Tap Single Sided Entry	4	5.55	1.31	1.38	3/16	BIBS2/08
14 AWG-1/0 Str	175 A	10	Multiple Port Tap Single Sided Entry	4	6.89	1.31	1.38	3/16	BIBS2/010
14 AWG-1/0 Str	175 A	12	Multiple Port Tap Single Sided Entry	4	8.24	1.31	1.38	3/16	BIBS2/012
14 AWG-1/0 Str	175 A	14	Multiple Port Tap Single Sided Entry	4	9.58	1.31	1.38	3/16	BIBS2/014
10 AWG-250 kcmil	255 A	3	Multiple Port Tap Single Sided Entry	4	2.97	2.07	2.13	5/16	BIBS2503
10 AWG-250 kcmil	255 A	4	Multiple Port Tap Single Sided Entry	4	3.91	2.07	2.13	5/16	BIBS2504
10 AWG-250 kcmil	255 A	5	Multiple Port Tap Single Sided Entry	4	4.84	2.07	2.13	5/16	BIBS2505
10 AWG-250 kcmil	255 A	6	Multiple Port Tap Single Sided Entry	4	5.78	2.07	2.13	5/16	BIBS2506
10 AWG-250 kcmil	255 A	8	Multiple Port Tap Single Sided Entry	4	7.66	2.07	2.13	5/16	BIBS2508
10 AWG-250 kcmil	255 A	10	Multiple Port Tap Single Sided Entry	4	9.53	2.07	2.13	5/16	BIBS25010
10 AWG-250 kcmil	255 A	12	Multiple Port Tap Single Sided Entry	4	11.41	2.07	2.13	5/16	BIBS25012
10 AWG-250 kcmil	255 A	14	Multiple Port Tap Single Sided Entry	4	13.29	2.07	2.13	5/16	BIBS25014
10 AWG-350 kcmil	310 A	3	Multiple Port Tap Single Sided Entry	4	3.13	2.32	2.50	5/16	BIBS3503
10 AWG-350 kcmil	310 A	4	Multiple Port Tap Single Sided Entry	4	4.04	2.32	2.50	5/16	BIBS3504
10 AWG-350 kcmil	310 A	5	Multiple Port Tap Single Sided Entry	4	4.95	2.32	2.50	5/16	BIBS3505
10 AWG-350 kcmil	310 A	6	Multiple Port Tap Single Sided Entry	4	5.86	2.32	2.50	5/16	BIBS3506
10 AWG-350 kcmil	310 A	8	Multiple Port Tap Single Sided Entry	4	7.68	2.32	2.50	5/16	BIBS3508
10 AWG-350 kcmil	310 A	10	Multiple Port Tap Single Sided Entry	4	9.5	2.32	2.50	5/16	BIBS35010
10 AWG-350 kcmil	310 A	12	Multiple Port Tap Single Sided Entry	4	11.32	2.32	2.50	5/16	BIBS35012
10 AWG-350 kcmil	310 A	14	Multiple Port Tap Single Sided Entry	4	13.14	2.32	2.50	5/16	BIBS35014

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
4 AWG-600 kcmil	420 A	3	Multiple Port Tap Single Sided Entry	4	4.00	2.38	2.75	3/8	BIBS6003
4 AWG-600 kcmil	420 A	4	Multiple Port Tap Single Sided Entry	4	5.28	2.38	2.75	3/8	BIBS6004
4 AWG-600 kcmil	420 A	5	Multiple Port Tap Single Sided Entry	4	6.56	2.38	2.75	3/8	BIBS6005
4 AWG-600 kcmil	420 A	6	Multiple Port Tap Single Sided Entry	4	7.84	2.38	2.75	3/8	BIBS6006
4 AWG-600 kcmil	420 A	8	Multiple Port Tap Single Sided Entry	4	10.41	2.38	2.75	3/8	BIBS6008
4 AWG-600 kcmil	420 A	10	Multiple Port Tap Single Sided Entry	4	12.97	2.38	2.75	3/8	BIBS60010
4 AWG-600 kcmil	420 A	12	Multiple Port Tap Single Sided Entry	4	15.53	2.38	2.75	3/8	BIBS60012
4 AWG-600 kcmil	420 A	14	Multiple Port Tap Single Sided Entry	4	18.09	2.38	2.75	3/8	BIBS60014
2 AWG-750 kcmil	475 A	3	Multiple Port Tap Single Sided Entry	4	4.00	2.70	3.00	3/8	BIBS7503*
2 AWG-750 kcmil	475 A	4	Multiple Port Tap Single Sided Entry	4	5.38	2.70	3.00	3/8	BIBS7504*
2 AWG-750 kcmil	475 A	6	Multiple Port Tap Single Sided Entry	4	8.13	2.70	3.00	3/8	BIBS7506*
2 AWG-750 kcmil	475 A	8	Multiple Port Tap Single Sided Entry	4	10.88	2.70	3.00	3/8	BIBS7508*
2 AWG-750 kcmil	475 A	10	Multiple Port Tap Single Sided Entry	4	13.63	2.70	3.00	3/8	BIBS75010*
2 AWG-750 kcmil	475 A	12	Multiple Port Tap Single Sided Entry	4	16.38	2.70	3.00	3/8	BIBS75012*
2 AWG-750 kcmil	475 A	14	Multiple Port Tap Single Sided Entry	4	19.13	2.70	3.00	3/8	BIBS75014*

Only 1 conductor per port allowed
*Not UL Listed

UNITAP™ Clear Insulated Multi-Port Connectors for Code Conductor; Double-Sided Entry

Clear Insulated Multiple Tap Connectors



Type BIBD Multi-Port, Double-Sided Tap connectors for quick, easy tap connections for code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. Featuring multiple configurations suitable for most any application.

Multiple Port Tap Double Sided Entry
Figure 5

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-4 Str	85 A	2	Multiple Port Tap Double Sided Entry	5	1.08	1.50	1.25	1/8	BIBD42
14 AWG-4 Str	85 A	3	Multiple Port Tap Double Sided Entry	5	1.51	1.50	1.25	1/8	BIBD43
14 AWG-4 Str	85 A	4	Multiple Port Tap Double Sided Entry	5	1.95	1.50	1.25	1/8	BIBD44
14 AWG-4 Str	85 A	5	Multiple Port Tap Double Sided Entry	5	2.39	1.50	1.25	1/8	BIBD45
14 AWG-4 Str	85 A	6	Multiple Port Tap Double Sided Entry	5	2.83	1.50	1.25	1/8	BIBD46
14 AWG-4 Str	85 A	8	Multiple Port Tap Double Sided Entry	5	3.71	1.50	1.25	1/8	BIBD48
14 AWG-1/0 Str	175 A	2	Multiple Port Tap Double Sided Entry	5	1.52	1.56	1.38	3/16	BIBD2/02
14 AWG-1/0 Str	175 A	3	Multiple Port Tap Double Sided Entry	5	2.19	1.56	1.38	3/16	BIBD2/03
14 AWG-1/0 Str	175 A	4	Multiple Port Tap Double Sided Entry	5	2.86	1.56	1.38	3/16	BIBD2/04
14 AWG-1/0 Str	175 A	5	Multiple Port Tap Double Sided Entry	5	3.53	1.56	1.38	3/16	BIBD2/05
14 AWG-1/0 Str	175 A	6	Multiple Port Tap Double Sided Entry	5	4.20	1.56	1.38	3/16	BIBD2/06
14 AWG-1/0 Str	175 A	8	Multiple Port Tap Double Sided Entry	5	5.55	1.56	1.38	3/16	BIBD2/08
14 AWG-1/0 Str	175 A	10	Multiple Port Tap Double Sided Entry	5	6.89	1.56	1.38	3/16	BIBD2/010
14 AWG-1/0 Str	175 A	12	Multiple Port Tap Double Sided Entry	5	8.24	1.56	1.38	3/16	BIBD2/012
14 AWG-1/0 Str	175 A	14	Multiple Port Tap Double Sided Entry	5	9.58	1.56	1.38	3/16	BIBD2/014
10 AWG-250 kcmil	255 A	2	Multiple Port Tap Double Sided Entry	5	2.03	2.64	2.13	5/16	BIBD2502
10 AWG-250 kcmil	255 A	3	Multiple Port Tap Double Sided Entry	5	2.97	2.64	2.13	5/16	BIBD2503
10 AWG-250 kcmil	255 A	4	Multiple Port Tap Double Sided Entry	5	3.91	2.64	2.13	5/16	BIBD2504
10 AWG-250 kcmil	255 A	5	Multiple Port Tap Double Sided Entry	5	4.84	2.64	2.13	5/16	BIBD2505
10 AWG-250 kcmil	255 A	6	Multiple Port Tap Double Sided Entry	5	5.78	2.64	2.13	5/16	BIBD2506
10 AWG-250 kcmil	255 A	8	Multiple Port Tap Double Sided Entry	5	7.66	2.64	2.13	5/16	BIBD2508
10 AWG-250 kcmil	255 A	10	Multiple Port Tap Double Sided Entry	5	9.53	2.64	2.13	5/16	BIBD25010
10 AWG-250 kcmil	255 A	12	Multiple Port Tap Double Sided Entry	5	11.41	2.64	2.13	5/16	BIBD25012
10 AWG-250 kcmil	255 A	14	Multiple Port Tap Double Sided Entry	5	13.29	2.64	2.13	5/16	BIBD25014

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
10 AWG-350 kcmil	310 A	2	Multiple Port Tap Double Sided Entry	5	2.22	3.00	2.50	5/16	BIBD3502
10 AWG-350 kcmil	310 A	3	Multiple Port Tap Double Sided Entry	5	3.13	3.00	2.50	5/16	BIBD3503
10 AWG-350 kcmil	310 A	4	Multiple Port Tap Double Sided Entry	5	4.04	3.00	2.50	5/16	BIBD3504
10 AWG-350 kcmil	310 A	5	Multiple Port Tap Double Sided Entry	5	4.95	3.00	2.50	5/16	BIBD3505
10 AWG-350 kcmil	310 A	6	Multiple Port Tap Double Sided Entry	5	5.86	3.00	2.50	5/16	BIBD3506
10 AWG-350 kcmil	310 A	8	Multiple Port Tap Double Sided Entry	5	7.68	3.00	2.50	5/16	BIBD3508
10 AWG-350 kcmil	310 A	10	Multiple Port Tap Double Sided Entry	5	9.5	3.00	2.50	5/16	BIBD35010
10 AWG-350 kcmil	310 A	12	Multiple Port Tap Double Sided Entry	5	11.32	3.00	2.50	5/16	BIBD35012
10 AWG-350 kcmil	310 A	14	Multiple Port Tap Double Sided Entry	5	13.14	3.00	2.50	5/16	BIBD35014
4 AWG-600 kcmil	420 A	2	Multiple Port Tap Double Sided Entry	5	2.56	3.00	2.75	3/8	BIBD6002
4 AWG-600 kcmil	420 A	3	Multiple Port Tap Double Sided Entry	5	3.77	3.00	2.75	3/8	BIBD6003
4 AWG-600 kcmil	420 A	4	Multiple Port Tap Double Sided Entry	5	4.97	3.00	2.75	3/8	BIBD6004
4 AWG-600 kcmil	420 A	5	Multiple Port Tap Double Sided Entry	5	6.17	3.00	2.75	3/8	BIBD6005
4 AWG-600 kcmil	420 A	6	Multiple Port Tap Double Sided Entry	5	7.37	3.00	2.75	3/8	BIBD6006
4 AWG-600 kcmil	420 A	8	Multiple Port Tap Double Sided Entry	5	9.78	3.00	2.75	3/8	BIBD6008
4 AWG-600 kcmil	420 A	10	Multiple Port Tap Double Sided Entry	5	12.97	3.00	2.75	3/8	BIBD60010
4 AWG-600 kcmil	420 A	12	Multiple Port Tap Double Sided Entry	5	15.53	3.00	2.75	3/8	BIBD60012
4 AWG-600 kcmil	420 A	14	Multiple Port Tap Double Sided Entry	5	18.09	3.00	2.75	3/8	BIBD60014
2 AWG-750 kcmil	475 A	2	Multiple Port Tap Double Sided Entry	5	2.87	3.38	3.00	3/8	BIBD7502*
2 AWG-750 kcmil	475 A	3	Multiple Port Tap Double Sided Entry	5	4.25	3.38	3.00	3/8	BIBD7503*
2 AWG-750 kcmil	475 A	4	Multiple Port Tap Double Sided Entry	5	5.63	3.38	3.00	3/8	BIBD7504*
2 AWG-750 kcmil	475 A	6	Multiple Port Tap Double Sided Entry	5	8.37	3.38	3.00	3/8	BIBD7506*
2 AWG-750 kcmil	475 A	8	Multiple Port Tap Double Sided Entry	5	11.13	3.38	3.00	3/8	BIBD7508*
2 AWG-750 kcmil	475 A	10	Multiple Port Tap Double Sided Entry	5	13.87	3.38	3.00	3/8	BIBD75010*
2 AWG-750 kcmil	475 A	12	Multiple Port Tap Double Sided Entry	5	16.63	3.38	3.00	3/8	BIBD75012*
2 AWG-750 kcmil	475 A	14	Multiple Port Tap Double Sided Entry	5	19.37	3.38	3.00	3/8	BIBD75014*

Only 1 conductor per port allowed
*Not UL Listed

UNITAP™ Clear Insulated Multi-Port Connectors for Code Conductor; Mountable; Single-Sided Entry

Clear Insulated Multiple Tap Connectors

Type BIBS-MT Multi-Port, Single-Sided Tap connectors offer the same features as the standard Type BIBS UNITAP™ connectors except these -MT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Multiple Port Mounted Tap
Single Sided Entry
Figure 6



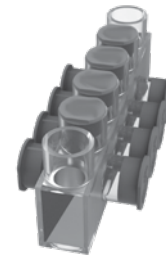
Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-1/0 Str	175 A	4	Multiple Port Mountable Tap Single Sided Entry	6	4.20	1.25	1.50	3/16	BIBS2/04MT
14 AWG-1/0 Str	175 A	6	Multiple Port Mountable Tap Single Sided Entry	6	5.54	1.25	1.50	3/16	BIBS2/06MT
14 AWG-2/0 Str	175 A	8	Multiple Port Mountable Tap Single Sided Entry	6	6.89	1.25	1.50	3/16	BIBS2/08MT
14 AWG-2/0 Str	175 A	10	Multiple Port Mountable Tap Single Sided Entry	6	8.23	1.25	1.50	3/16	BIBS2/010MT
14 AWG-2/0 Str	175 A	12	Multiple Port Mountable Tap Single Sided Entry	6	9.58	1.25	1.50	3/16	BIBS2/012MT
10 AWG-250 kcmil	255 A	4	Multiple Port Mountable Tap Single Sided Entry	6	5.78	1.95	2.63	5/16	BIBS2504MT
10 AWG-250 kcmil	255 A	6	Multiple Port Mountable Tap Single Sided Entry	6	7.65	1.95	2.63	5/16	BIBS2506MT
10 AWG-250 kcmil	255 A	8	Multiple Port Mountable Tap Single Sided Entry	6	9.53	1.95	2.63	5/16	BIBS2508MT
10 AWG-250 kcmil	255 A	10	Multiple Port Mountable Tap Single Sided Entry	6	11.41	1.95	2.63	5/16	BIBS25010MT
10 AWG-250 kcmil	255 A	12	Multiple Port Mountable Tap Single Sided Entry	6	13.28	1.95	2.63	5/16	BIBS25012MT
10 AWG-350 kcmil	310 A	4	Multiple Port Mountable Tap Single Sided Entry	6	5.86	2.19	2.63	5/16	BIBS3504MT
10 AWG-350 kcmil	310 A	6	Multiple Port Mountable Tap Single Sided Entry	6	7.68	2.19	2.63	5/16	BIBS3506MT
10 AWG-350 kcmil	310 A	8	Multiple Port Mountable Tap Single Sided Entry	6	9.50	2.19	2.63	5/16	BIBS3508MT
10 AWG-350 kcmil	310 A	10	Multiple Port Mountable Tap Single Sided Entry	6	11.32	2.19	2.63	5/16	BIBS35010MT
10 AWG-350 kcmil	310 A	12	Multiple Port Mountable Tap Single Sided Entry	6	13.41	2.19	2.63	5/16	BIBS35012MT
4 AWG-600 kcmil	420 A	4	Multiple Port Mountable Tap Single Sided Entry	6	7.84	2.25	2.88	3/8	BIBS6004MT
4 AWG-600 kcmil	420 A	6	Multiple Port Mountable Tap Single Sided Entry	6	10.41	2.25	2.88	3/8	BIBS6006MT
4 AWG-600 kcmil	420 A	8	Multiple Port Mountable Tap Single Sided Entry	6	12.97	2.25	2.88	3/8	BIBS6008MT
4 AWG-600 kcmil	420 A	10	Multiple Port Mountable Tap Single Sided Entry	6	15.53	2.25	2.88	3/8	BIBS60010MT
4 AWG-600 kcmil	420 A	12	Multiple Port Mountable Tap Single Sided Entry	6	18.09	2.25	2.88	3/8	BIBS60012MT

Only 1 conductor per port allowed

UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor; Mountable; Double-Sided Entry

Clear Insulated Multiple Tap Connectors

Type BIBD-MT Multi-Port, Double-Sided Tap connectors offer the same features as the standard Type BIBD UNITAP™ connectors except these -MT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Multiple Port Mounted Tap
Double Sided Entry
Figure 7



Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number
					L	W	H		
14 AWG-2/0 AWG	175 A	4	Multiple Port Mountable Tap Double Sided Entry	7	4.20	1.56	1.50	3/16	BIBD2/04MT
14 AWG-2/0 AWG	175 A	6	Multiple Port Mountable Tap Double Sided Entry	7	5.54	1.56	1.50	3/16	BIBD2/06MT
14 AWG-2/0 AWG	175 A	8	Multiple Port Mountable Tap Double Sided Entry	7	6.89	1.56	1.50	3/16	BIBD2/08MT
14 AWG-2/0 AWG	175 A	10	Multiple Port Mountable Tap Double Sided Entry	7	8.23	1.56	1.50	3/16	BIBD2/010MT
14 AWG-2/0 AWG	175 A	12	Multiple Port Mountable Tap Double Sided Entry	7	9.58	1.56	1.50	3/16	BIBD2/012MT
10 AWG-250 kcmil	255 A	4	Multiple Port Mountable Tap Double Sided Entry	7	5.78	2.64	2.26	5/16	BIBD2504MT
10 AWG-250 kcmil	255 A	6	Multiple Port Mountable Tap Double Sided Entry	7	7.65	2.64	2.26	5/16	BIBD2506MT
10 AWG-250 kcmil	255 A	8	Multiple Port Mountable Tap Double Sided Entry	7	9.53	2.64	2.26	5/16	BIBD2508MT
10 AWG-250 kcmil	255 A	10	Multiple Port Mountable Tap Double Sided Entry	7	11.41	2.64	2.26	5/16	BIBD25010MT
10 AWG-250 kcmil	255 A	12	Multiple Port Mountable Tap Double Sided Entry	7	13.28	2.64	2.26	5/16	BIBD25012MT
10 AWG-350 kcmil	310 A	4	Multiple Port Mountable Tap Double Sided Entry	7	5.86	3.00	2.63	5/16	BIBD3504MT
10 AWG-350 kcmil	310 A	6	Multiple Port Mountable Tap Double Sided Entry	7	7.68	3.00	2.63	5/16	BIBD3506MT
10 AWG-350 kcmil	310 A	8	Multiple Port Mountable Tap Double Sided Entry	7	9.5	3.00	2.63	5/16	BIBD3508MT
10 AWG-350 kcmil	310 A	10	Multiple Port Mountable Tap Double Sided Entry	7	11.32	3.00	2.63	5/16	BIBD35010MT
10 AWG-350 kcmil	310 A	12	Multiple Port Mountable Tap Double Sided Entry	7	13.41	3.00	2.63	5/16	BIBD35012MT
4 AWG-600 kcmil	420 A	4	Multiple Port Mountable Tap Double Sided Entry	7	7.84	3	2.88	3/8	BIBD6004MT
4 AWG-600 kcmil	420 A	6	Multiple Port Mountable Tap Double Sided Entry	7	10.41	3	2.88	3/8	BIBD6006MT
4 AWG-600 kcmil	420 A	8	Multiple Port Mountable Tap Double Sided Entry	7	12.97	3	2.88	3/8	BIBD6008MT
4 AWG-600 kcmil	420 A	10	Multiple Port Mountable Tap Double Sided Entry	7	15.53	3	2.88	3/8	BIBD60010MT
4 AWG-600 kcmil	420 A	12	Multiple Port Mountable Tap Double Sided Entry	7	18.09	3	2.88	3/8	BIBD60012MT

Only 1 conductor per port allowed

UNITAP™ Clear Insulated Multi-Tap Connectors for Code and Flex Conductors



UL Listed 486A-486B

UNITAP™ Clear Insulated Multi-Tap is UL Listed to the UL Wire Connector Standard UL486A-486B and CSA Certified for use with flexible (fine stranded) conductor - with no ferrules required! Featuring color coordinated conductor port and screw port caps making it easy to identify the maximum conductor size accommodated by the connector.

A disc-pad screw has also been incorporated to prevent damage to the fine strands as the conductor is compressed during installation. The connectors are shipped with the 'pad' attached to the screw by a thin stem; during installation the pad is sheared from the stem as it makes contact with the conductor and remains stationary as the screw continues to rotate until the recommended installation torque is achieved.

The color coordinated conductor port caps display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation. (Excluding the Heavy Duty 750 Series.)

The Heavy Duty 750 Series features two screws per conductor. Conductors cannot be installed from opposite sides of the same port using only one screw per conductor.



Features & Benefits

- 600 Volt Rated
- Fully Insulated Aluminum 6061-T6 connector body saves time and lowers installation costs by eliminating the need for taping
- Listed to UL486A-B (File E9498)
- CSA Certified to C22.2, No. 65 (File 042860_c_00)
- Rated for use with flex conductor (No Ferrules Required!)
- AL9CU dual rated for use with copper and aluminum conductors
- Range taking designs will accommodate wire sizes from #14-750 kcmil Class B & C, and #14-777 DLO Flex
- Configurations include Taps, In-Line Splice Reducers, Single-Sided Entry, and Double-Sided Entry with the number of ports from 2 to 14
- Clear Plastisol Insulation allows visual confirmation that conductor is properly inserted into port
- Operating temperature from -40°C to 135°C
- Conductor ports are pre-filled with oxide inhibitor
- Screw Port and Conductor Port caps provided to protect against contamination and accidental contact of energized parts
- Caps are color coordinated to quickly identify maximum conductor size accommodated
- Screw Port caps contain recommended installation torque values for quick and easy reference
- Conductor Port caps contain the accommodated wire range and allowable conductor classes



Figure 1

In-Line Splice Reducer (BISR1/0FX)



Figure 2

Tap - Opposite Side Entry (BITO2/0FX)



Figure 4

Multiple Port Tap Single Sided Entry (BIBS2/03FX)



Figure 6

Multiple Port Mounted Tap Single Sided Entry (BIBS2504FXMT)



Figure 3

Tap - Same Side Entry (BIT4FX)



Figure 5

Multiple Port Tap Double Sided Entry (BIBD2503FX)



Figure 7

Multiple Port Mounted Tap Double Sided Entry (BIBD6004FXMT)

**UNITAP™ Clear Insulated In-Line Splice/Reducer
 Connectors for Code and Flex Conductor**

Clear Insulated In-Line Splice/Reducer Connectors



In-Line Splice Reducer
 Figure 1
 (BISR1/0FX)

Type BISR-FX in-line splice/reductions are made quickly and easily with the UNITAP™ line of clear insulated connectors for code and flex conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The UNITAP™ line for code and flex conductor features color-coordinated conductor port caps that display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#2 Class B & C #14-#2 Class G,H,I,K, DLO	130 A	2	In-Line Splice Reducer	1	2.38	0.75	1.22	5/32	BISR2FX	Brown
#14-1/0 Class B & C #14-#1 Class G,H,I,K, DLO	170 A	2	In-Line Splice Reducer	1	2.91	0.75	1.22	3/16	BISR1/0FX	Pink
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	2	In-Line Splice Reducer	1	4.01	1.19	2.10	5/16	BISR250FX	Yellow
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	2	In-Line Splice Reducer	1	4.63	1.34	2.35	5/16	BISR350FX	Red
#6-500 Class B & C #6-373 Class G,H,I,K, DLO	430 A	2	In-Line Splice Reducer	1	5.00	1.62	2.62	3/8	BISR500FX	Brown
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	2	In-Line Splice Reducer	1	5.89	2.00	3.88	5/16	BISR750HDFX	Red

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UNITAP™ Clear Insulated Multi-Tap Connectors for Code Conductor

Clear Insulated In-Line Multi-Tap Connectors

Type BIT-FX and BITO-FX (Offset) Multi-Tap connectors are installed quickly and easily and are suitable for use on flex and code conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Tap - Opposite Side Entry
Figure 2
(BITO2/0FX)



Tap - Same Side Entry
Figure 3
(BIT4FX)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	95 A	2	Tap - Opposite Side Entry	2	1.08	1.50	1.25	1/8	BITO4FX	Brown
			Tap - Same Side Entry	3	1.08	1.16	1.25	1/8	BIT4FX	
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	2	Tap - Opposite Side Entry	2	1.52	1.56	1.38	3/16	BITO2/0FX	Black
			Tap - Same Side Entry	3	1.52	1.40	1.38	3/16	BIT2/0FX	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	2	Tap - Opposite Side Entry	2	2.03	2.64	2.13	5/16	BITO250FX	Yellow
			Tap - Same Side Entry	3	2.03	2.07	2.13	5/16	BIT250FX	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	2	Tap - Opposite Side Entry	2	2.22	3.00	2.50	5/16	BITO350FX	Red
			Tap - Same Side Entry	3	2.22	2.32	2.50	5/16	BIT350FX	
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	2	Tap - Opposite Side Entry	2	2.72	3.00	2.75	3/8	BITO600FX	Green
			Tap - Same Side Entry	3	2.72	2.38	2.75	3/8	BIT600FX	
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	2	Tap - Opposite Side Entry	2	3.75	3.25	3.88	5/16	BITO750HDFX	Red
			Tap - Same Side Entry	3	3.75	3.25	3.88	5/16	BIT750HDFX	

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UNITAP™ Clear Insulated Multi-Port Connectors
for Code and Flex Conductor; Single-Sided Entry

Clear Insulated Multi-Port Connectors

Type BIBS-FX Multi-Port, Single-Sided Tap connectors for quick, easy tap connections for code and flex conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The UNITAP™ line for code and flex conductor features color-coordinated conductor port caps that display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation.



Multiple Port Tap Single Sided Entry
Figure 4
(BIBS2/03FX)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	95 A	3	Single Sided Entry	4	1.51	1.16	1.25	1/8	BIBS43FX	Brown
		4	Single Sided Entry	4	1.95	1.16	1.25	1/8	BIBS44FX	
		5	Single Sided Entry	4	2.39	1.16	1.25	1/8	BIBS45FX	
		6	Single Sided Entry	4	2.83	1.16	1.25	1/8	BIBS46FX	
		8	Single Sided Entry	4	3.71	1.16	1.25	1/8	BIBS48FX	
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	3	Single Sided Entry	4	2.19	1.31	1.38	3/16	BIBS2/03FX	Black
		4	Single Sided Entry	4	2.86	1.31	1.38	3/16	BIBS2/04FX	
		5	Single Sided Entry	4	3.53	1.31	1.38	3/16	BIBS2/05FX	
		6	Single Sided Entry	4	4.20	1.31	1.38	3/16	BIBS2/06FX	
		8	Single Sided Entry	4	5.55	1.31	1.38	3/16	BIBS2/08FX	
		10	Single Sided Entry	4	6.89	1.31	1.38	3/16	BIBS2/010FX	
		12	Single Sided Entry	4	8.24	1.31	1.38	3/16	BIBS2/012FX	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	3	Single Sided Entry	4	2.97	2.07	2.13	5/16	BIBS2503FX	Yellow
		4	Single Sided Entry	4	3.91	2.07	2.13	5/16	BIBS2504FX	
		5	Single Sided Entry	4	4.84	2.07	2.13	5/16	BIBS2505FX	
		6	Single Sided Entry	4	5.78	2.07	2.13	5/16	BIBS2506FX	
		8	Single Sided Entry	4	7.66	2.07	2.13	5/16	BIBS2508FX	
		10	Single Sided Entry	4	9.53	2.07	2.13	5/16	BIBS25010FX	
		12	Single Sided Entry	4	11.41	2.07	2.13	5/16	BIBS25012FX	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	3	Single Sided Entry	4	3.13	2.32	2.50	5/16	BIBS3503FX	Red
		4	Single Sided Entry	4	4.04	2.32	2.50	5/16	BIBS3504FX	
		5	Single Sided Entry	4	4.95	2.32	2.50	5/16	BIBS3505FX	
		6	Single Sided Entry	4	5.86	2.32	2.50	5/16	BIBS3506FX	
		8	Single Sided Entry	4	7.68	2.32	2.50	5/16	BIBS3508FX	
		10	Single Sided Entry	4	9.50	2.32	2.50	5/16	BIBS35010FX	
		12	Single Sided Entry	4	11.32	2.32	2.50	5/16	BIBS35012FX	
		14	Single Sided Entry	4	13.14	2.32	2.50	5/16	BIBS35014FX	

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	3	Single Sided Entry	4	4.00	2.38	2.75	3/8	BIBS6003FX	Green
		4	Single Sided Entry	4	5.28	2.38	2.75	3/8	BIBS6004FX	
		5	Single Sided Entry	4	6.56	2.38	2.75	3/8	BIBS6005FX	
		6	Single Sided Entry	4	7.84	2.38	2.75	3/8	BIBS6006FX	
		8	Single Sided Entry	4	10.41	2.38	2.75	3/8	BIBS6008FX	
		10	Single Sided Entry	4	12.97	2.38	2.75	3/8	BIBS60010FX	
		12	Single Sided Entry	4	15.53	2.38	2.75	3/8	BIBS60012FX	
		14	Single Sided Entry	4	18.09	2.38	2.75	3/8	BIBS60014FX	
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	3	Single Sided Entry	4	5.50	3.25	3.88	5/16	BIBS7503HDFX	Red
		4	Single Sided Entry	4	7.25	3.25	3.88	5/16	BIBS7504HDFX	
		6	Single Sided Entry	4	10.75	3.25	3.88	5/16	BIBS7506HDFX	
		8	Single Sided Entry	4	14.25	3.25	3.88	5/16	BIBS7508HDFX	
		10	Single Sided Entry	4	17.75	3.25	3.88	5/16	BIBS75010HDFX	
		12	Single Sided Entry	4	21.25	3.25	3.88	5/16	BIBS75012HDFX	
		14	Single Sided Entry	4	24.75	3.25	3.88	5/16	BIBS75014HDFX	

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UNITAP™ Clear Insulated Multi-Port Connectors
for Code and Flex Conductor; Double-Sided Entry

Clear Insulated Multi-Port Connectors

Type BIBD-FX Multi-Port, Double-Sided Tap connectors for quick, easy tap connections for code and flex conductor. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C. The UNITAP™ line for code and flex conductor features color-coordinated conductor port caps that display the wire range and classes of conductor accepted by the specific connector. The screw port caps show the installation torque information for quick and easy reference during installation.



Multiple Port Tap Double Sided Entry
Figure 5
(BIBD2503FX)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	95 A	2	Double Sided Entry	5	1.08	1.50	1.25	1/8	BIBD42FX	Brown
		3	Double Sided Entry	5	1.51	1.50	1.25	1/8	BIBD43FX	
		4	Double Sided Entry	5	1.95	1.50	1.25	1/8	BIBD44FX	
		5	Double Sided Entry	5	2.39	1.50	1.25	1/8	BIBD45FX	
		6	Double Sided Entry	5	2.83	1.50	1.25	1/8	BIBD46FX	
		8	Double Sided Entry	5	3.71	1.50	1.25	1/8	BIBD48FX	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	2	Double Sided Entry	5	2.03	2.64	2.13	5/16	BIBD2502FX	Yellow
		3	Double Sided Entry	5	2.97	2.64	2.13	5/16	BIBD2503FX	
		4	Double Sided Entry	5	3.91	2.64	2.13	5/16	BIBD2504FX	
		5	Double Sided Entry	5	4.84	2.64	2.13	5/16	BIBD2505FX	
		6	Double Sided Entry	5	5.78	2.64	2.13	5/16	BIBD2506FX	
		8	Double Sided Entry	5	7.66	2.64	2.13	5/16	BIBD2508FX	
		10	Double Sided Entry	5	9.53	2.64	2.13	5/16	BIBD25010FX	
		12	Double Sided Entry	5	11.41	2.64	2.13	5/16	BIBD25012FX	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	2	Double Sided Entry	5	3.13	3.00	2.50	5/16	BIBD3502FX	Red
		3	Double Sided Entry	5	4.04	3.00	2.50	5/16	BIBD3503FX	
		4	Double Sided Entry	5	4.95	3.00	2.50	5/16	BIBD3504FX	
		5	Double Sided Entry	5	5.86	3.00	2.50	5/16	BIBD3505FX	
		6	Double Sided Entry	5	7.68	3.00	2.50	5/16	BIBD3506FX	
		8	Double Sided Entry	5	9.50	3.00	2.50	5/16	BIBD3508FX	
		10	Double Sided Entry	5	11.32	3.00	2.50	5/16	BIBD35010FX	
		12	Double Sided Entry	5	13.14	3.00	2.50	5/16	BIBD35012FX	

UNITAP™ (Continued)

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	2	Double Sided Entry	5	2.72	3.00	2.75	3/8	BIBD6002FX	Green
		3	Double Sided Entry	5	4.00	3.00	2.75	3/8	BIBD6003FX	
		4	Double Sided Entry	5	5.28	3.00	2.75	3/8	BIBD6004FX	
		5	Double Sided Entry	5	6.56	3.00	2.75	3/8	BIBD6005FX	
		6	Double Sided Entry	5	7.84	3.00	2.75	3/8	BIBD6006FX	
		8	Double Sided Entry	5	10.41	3.00	2.75	3/8	BIBD6008FX	
		10	Double Sided Entry	5	12.97	3.00	2.75	3/8	BIBD60010FX	
		12	Double Sided Entry	5	15.53	3.00	2.75	3/8	BIBD60012FX	
		14	Double Sided Entry	5	18.09	3.00	2.75	3/8	BIBD60014FX	
* 1/0-750 Class B & C 1/0-777 Class G,H,I,K, DLO	475 A	2	Double Sided Entry	5	3.75	3.25	3.88	5/16	BIBD7502HDFX	Red
		3	Double Sided Entry	5	5.50	3.25	3.88	5/16	BIBD7503HDFX	
		4	Double Sided Entry	5	7.25	3.25	3.88	5/16	BIBD7504HDFX	
		6	Double Sided Entry	5	10.75	3.25	3.88	5/16	BIBD7506HDFX	
		8	Double Sided Entry	5	14.25	3.25	3.88	5/16	BIBD7508HDFX	
		10	Double Sided Entry	5	17.75	3.25	3.88	5/16	BIBD75010HDFX	
		12	Double Sided Entry	5	21.25	3.25	3.88	5/16	BIBD75012HDFX	
		14	Double Sided Entry	5	24.75	3.25	3.88	5/16	BIBD75014HDFX	

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

**UNITAP™ Clear Insulated Multi-Port Connectors
for Code and Flex Conductor;
Mountable; Single-Sided Entry**

Clear Insulated Multiple Tap Connectors



Multiple Port Mounted Tap
Single Sided Entry
Figure 6
(BIBS2504FXMT)

Type BIBS-FXMT Multi-Port, Single-Sided Tap connectors offer the same features as the standard Type BIBS-FX UNITAP™ connectors except these -FXMT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	4	Mountable Single Sided Entry	6	4.20	1.25	1.50	3/16	BIBS2/04FXMT	Black
		6	Mountable Single Sided Entry	6	5.55	1.25	1.50	3/16		
		8	Mountable Single Sided Entry	6	6.89	1.25	1.50	3/16		
		10	Mountable Single Sided Entry	6	8.24	1.25	1.50	3/16		
		12	Mountable Single Sided Entry	6	9.58	1.25	1.50	3/16		
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	4	Mountable Single Sided Entry	6	5.78	1.95	2.63	5/16	BIBS2504FXMT	Yellow
		6	Mountable Single Sided Entry	6	7.65	1.95	2.63	5/16		
		8	Mountable Single Sided Entry	6	9.53	1.95	2.63	5/16		
		10	Mountable Single Sided Entry	6	11.41	1.95	2.63	5/16		
		12	Mountable Single Sided Entry	6	13.29	1.95	2.63	5/16		
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	4	Mountable Single Sided Entry	6	5.86	2.32	2.63	5/16	BIBS3504FXMT	Red
		6	Mountable Single Sided Entry	6	7.68	2.32	2.63	5/16		
		8	Mountable Single Sided Entry	6	9.50	2.32	2.63	5/16		
		10	Mountable Single Sided Entry	6	11.32	2.32	2.63	5/16		
		12	Mountable Single Sided Entry	6	13.14	2.32	2.63	5/16		
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	4	Mountable Single Sided Entry	6	5.53	2.25	2.88	3/8	BIBS6004FXMT	Green
		6	Mountable Single Sided Entry	6	7.40	2.25	2.88	3/8		
		8	Mountable Single Sided Entry	6	9.28	2.25	2.88	3/8		
		12	Mountable Single Sided Entry	6	13.03	2.25	2.88	3/8		

UNITAP™ Clear Insulated Multi-Port Connectors for Code and Flex Conductor; Mountable; Double-Sided Entry

Clear Insulated Multiple Tap Connectors



Multiple Port Mounted Tap
Double Sided Entry
Figure 7
(BIBD6004FXMT)

Type BIBD-FXMT Multi-Port, Double-Sided Tap connectors offer the same features as the standard Type BIBD-FX UNITAP™ connectors except these -FXMT types are provided with two isolated mounting holes, one at each side of the connector for direct mounting to trough, gutter, or wireway. They will accommodate up to standard 1/4" hardware. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.

Wire Range (AWG/kcmil)	Amp Rating	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Cap Color
					Length	Width	Height			
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	195 A	4	Mountable Double Sided Entry	7	4.20	1.56	1.50	3/16	BIBD2/04FXMT	Black
		8	Mountable Double Sided Entry	7	6.89	1.56	1.50	3/16	BIBD2/08FXMT	
		10	Mountable Double Sided Entry	7	8.24	1.56	1.50	3/16	BIBD2/010FXMT	
		12	Mountable Double Sided Entry	7	9.58	1.56	1.50	3/16	BIBD2/012FXMT	
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	290 A	4	Mountable Double Sided Entry	7	5.78	2.64	2.63	5/16	BIBD2504FXMT	Yellow
		6	Mountable Double Sided Entry	7	7.65	2.64	2.63	5/16	BIBSD506FXMT	
		8	Mountable Double Sided Entry	7	9.53	2.64	2.63	5/16	BIBD2508FXMT	
		10	Mountable Double Sided Entry	7	11.41	2.64	2.63	5/16	BIBD25010FXMT	
		12	Mountable Double Sided Entry	7	13.29	2.64	2.63	5/16	BIBD25012FXMT	
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	350 A	4	Mountable Double Sided Entry	7	5.86	3.00	2.63	5/16	BIBD3504FXMT	Red
		6	Mountable Double Sided Entry	7	7.68	3.00	2.63	5/16	BIBD3506FXMT	
		8	Mountable Double Sided Entry	7	9.50	3.00	2.63	5/16	BIBD3508FXMT	
		10	Mountable Double Sided Entry	7	11.32	3.00	2.63	5/16	BIBD35010FXMT	
		12	Mountable Double Sided Entry	7	13.14	3.00	2.63	5/16	BIBD35012FXMT	
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	475 A	4	Mountable Double Sided Entry	7	5.53	3.00	2.88	3/8	BIBD6004FXMT	Green
		6	Mountable Double Sided Entry	7	7.40	3.00	2.88	3/8	BIBD6006FXMT	
		8	Mountable Double Sided Entry	7	9.28	3.00	2.88	3/8	BIBD6008FXMT	
		10	Mountable Double Sided Entry	7	11.16	3.00	2.88	3/8	BIBD60010FXMT	
		12	Mountable Double Sided Entry	7	13.03	3.00	2.88	3/8	BIBD60012FXMT	

UV Rated Black UNITAP™

UNITAP™



UV Rated Black Insulated Multiple Tap Connectors and Splice Reducers

Tap connections are made quickly and easily with the UNITAP™ line of connectors. UL486A-B Listed. Dual-rated for any stranded copper or stranded aluminum applications. UL Listed 600 Volts, -40° C to 135° C Operating Temperature.

Features & Benefits

- UV Rated covering over AL6061-T6 aluminum body saves time, lowering installation costs and eliminates taping
- Oxide inhibitor pre-installed inhibits moisture and contaminants from entering the contact area
- Range-taking capability reduces the number of connectors necessary to carry in inventory
- AL486B Listed, AL9CU, 600 Volts, 90°C
- Operating temperature -40°C to 135°C



Figure 1

In-Line Splice Reducer
(1PBS1/0)



Figure 4

Multiple Port Tap
Single Sided Entry
(1PL2503)



Figure 2

Tap - Opposite Side
Entry
(1PLO2502)



Figure 5

Multiple Port Tap
Double Sided Entry
(1PLD2504)



Figure 3

Tap - Same Side Entry
(1PL42)



Figure 6

Multiple Port Tap
Double Sided Entry
Heavy Duty 750 Series
(1PLD7504HD)

Wire Range (AWG/kcmil) CLASS B & C ONLY	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Installation Torque (in-lbs)
				Length	Width	Height			
14 AWG-2 AWG	2	In-Line Splice Reducer	1	2.38	0.75	1.22	5/32	1PBS2	45
14 AWG-1/0 AWG				2.91	0.91	1.38	3/16	1PBS1/0	120
10 AWG-250 kcmil				4.01	1.19	2.10	5/16	1PBS250	275
10 AWG-350 kcmil				4.63	1.34	2.35	5/16	1PBS350	275
6 AWG-500 kcmil				5.00	1.62	2.62	3/8	1PBS500	375
* #2 AWG - 750 kcmil				10.53	1.88	3.01	3/8"	1PBS750HD	500
14 AWG-4 AWG	2	Tap - Opposite Side Entry	2	1.08	1.50	1.25	1/8	1PLO42	45
14 AWG-2/0 AWG				1.52	1.56	1.38	3/16	1PLO2/02	120
10 AWG-250 kcmil				2.03	2.64	2.13	5/16	1PLO2502	275
10 AWG-350 kcmil				2.22	3.00	2.5	5/16	1PLO3502	275
4 AWG-600 kcmil				2.72	3.00	2.75	3/8	1PLO6002	375
14 AWG-4 AWG	2	Tap - Same Side Entry	3	1.08	1.16	1.25	1/8	1PL42	45
14 AWG-2/0 AWG				1.52	1.40	1.38	3/16	1PL2/02	120
10 AWG-250 kcmil				2.03	2.07	2.13	5/16	1PL2502	275
10 AWG-350 kcmil				2.22	2.32	2.5	5/16	1PL3502	275
4 AWG-600 kcmil				2.72	2.38	2.75	3/8	1PL6002	375
14 AWG-4 AWG	3	Single Sided Entry	4	1.51	1.25	1.25	1/8	1PL43	45
14 AWG-2/0 AWG				1.95	1.25	1.25	1/8	1PL44	
10 AWG-250 kcmil				2.19	1.31	1.38	3/16	1PL2/03	120
10 AWG-250 kcmil				2.97	2.07	2.13	5/16	1PL2503	275

* Heavy Duty Series: two screws per conductor; conductors **cannot** be installed from opposite sides of the same port using only one screw per conductor.

UV Rated Black UNITAP™ (Continued)

Wire Range (AWG/kcmil) CLASS B & C ONLY	# of Ports	Configuration	Fig. #	Size (inches)			Hex Key	Catalog Number	Installation Torque (in-lbs)
				Length	Width	Height			
14 AWG-4 AWG	3	Double Sided Entry	5	1.51	1.50	1.25	1/8	1PLD43	45
	4			1.95	1.50	1.25	1/8	1PLD44	
14 AWG-2/0 AWG	2			1.52	1.56	1.38	3/16	1PLD2/02	120
	3			2.19	1.56	1.38	3/16	1PLD2/03	
	4			2.86	1.56	1.38	3/16	1PLD2/04	
	6			4.2	1.56	1.38	3/16	1PLD2/06	
10 AWG-250 kcmil	2			2.03	2.64	2.13	5/16	1PLD2502	275
	3			2.97	2.64	2.13	5/16	1PLD2503	
	4			3.91	2.64	2.13	5/16	1PLD2504	
	6			5.78	2.64	2.13	5/16	1PLD2506	
10 AWG-350 kcmil	2			2.22	3.00	2.5	5/16	1PLD3502	275
	3			3.13	3.00	2.5	5/16	1PLD3503	
	4			4.04	3.00	2.5	5/16	1PLD3504	
	6			5.86	3.00	2.5	5/16	1PLD3506	
	8			7.68	3.00	2.5	5/16	1PLD3508	
	8			7.68	3.00	2.5	5/16	1PLD3508	
4 AWG-600 kcmil	2			2.72	3.00	2.75	3/8	1PLD6002	375
	3			4.00	3.00	2.75	3/8	1PLD6003	
	4	5.28	3.00	2.75	3/8	1PLD6004			
	5	6.56	3.00	2.75	3/8	1PLD6005			
	6	7.84	3.00	2.75	3/8	1PLD6006			
	8	10.40	3.00	2.75	3/8	1PLD6008			
	8	10.40	3.00	2.75	3/8	1PLD6008			
* #2 AWG - 750 kcmil	2	2.63	4.83	3.00	3/8"	1PLD7502HD	500		
	3	4.00	4.83	3.00	3/8"	1PLD7503HD			
	4	5.38	4.83	3.00	3/8"	1PLD7504HD			
	5	6.75	4.83	3.00	3/8"	1PLD7505HD			
	6	8.13	4.83	3.00	3/8"	1PLD7506HD			
	8	10.88	4.83	3.00	3/8"	1PLD7508HD			
	10	13.63	4.83	3.00	3/8"	1PLD75010HD			
	12	16.38	4.83	3.00	3/8"	1PLD75012HD			
	12	16.38	4.83	3.00	3/8"	1PLD75012HD			

* Heavy Duty Series: two screws per conductor; conductors cannot be installed from opposite sides of the same port using only one screw per conductor.

VERSIPOLE™

UL Listed 1953; Finger-Safe IEC 60527; IP-20 Rating

The VERSIPOLE™ Configurable Series Power Distribution Blocks are used for splicing and distributing power from primary run(s) to secondary/branch circuits. They are offered in standard one, two, or three pole configurations. The configurable series can also be designed to accommodate an infinite number of made-to-order combinations.

Features & Benefits

- 600 Volt rated; Listed to UL1953; Rated for use with both code and flex conductor without requiring ferrules
- AL9CU dual rated for use with copper and aluminum conductors
- Range taking designs accommodate wire sizes up to 535 DLO and can support 1 or 2 run conductors and up to 12 taps for secondary circuits
- Allow for panel mounting; medium and large sizes also allow for DIN rail mounting
- Finger-Safe style are provided with translucent polycarbonate top covers and end plates to permit easy visual inspection and provide IEC 60529 IP-20 Rating
- High Short-Circuit Current rating up to 100kA with proper fusing
- Bases and side barriers of glass-reinforced nylon 6/6 for extra durability and excellent insulating properties; carry a UL94 flammability rating of V0

Ordering Information & Footnotes:

Finger-Safe Kits include translucent top cover and end plates only. Order 1 kit per pole. The kits are used in conjunction with Open style distribution blocks. (Distribution blocks are not included.)

† To achieve Finger-Safe style Adder order Open style Adder and Finger-Safe Kit

Optional Hinged Covers are available for use with Open style blocks and are ordered 1 cover per pole.

Optional Hinged Covers:

Catalog Number	Size
BDBSCSCOVER	Small
BDBMCSCOVER	Medium
BDBLCSCOVER	Large



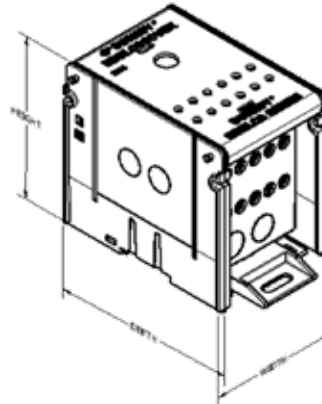
↑ Figure 1
Open Style
BDBMCS5M1 shown



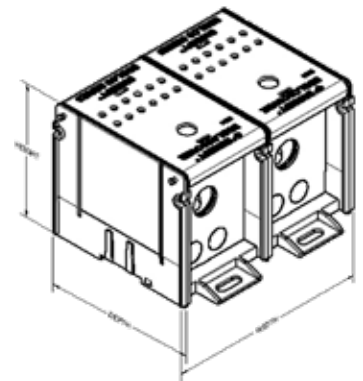
Figure 2 →
Finger-Safe Style comes
with covers and end plates
BDBMCS5M1FS shown



← Figure 3
Finger-Safe Kits include
only covers and end plates



BDBLCS3A1FS shown



BDBLCS3A2FS shown

Small Series:											
Catalog Number			# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole
Open Style (Fig. 1)	Finger-Safe Style (Fig. 2)	Finger-Safe Kit (Fig. 3)	Run	Tap	Run	Tap		W	D	H	
BDBSCS1C1	BDBSCS1C1FS	BDBSCS1C1FSKIT	1	4	#14 - 2/0	#14 - #4	1	1.34	3.06	3.59	175
BDBSCS1C2	BDBSCS1C2FS						2	2.41	3.06	3.59	175
BDBSCS1C3	BDBSCS1C3FS						3	3.48	3.06	3.59	175
BDBSCS1CA	†						Adder	1.16	3.06	3.59	175

VERSIPOLE™ (Continued)

Small Series: (continued)											
Catalog Number			# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole
Open Style (Fig. 1)	Finger-Safe Style (Fig. 2)	Finger-Safe Kit (Fig. 3)	Run	Tap	Run	Tap		W	D	H	
BDBSCS1P1	BDBSCS1P1FS	BDBSCS1P1FSKIT	1	1	#14 - 2/0	#14 - 2/0	1	1.34	3.06	3.59	175
BDBSCS1P2	BDBSCS1P2FS						2	2.41	3.06	3.59	175
BDBSCS1P3	BDBSCS1P3FS						3	3.48	3.06	3.59	175
BDBSCS1PA	†						Adder	1.16	3.06	3.59	175

Medium Series:											
BDBMCS1F1	BDBMCS1F1FS	BDBMCS1F1FSKIT	1	6	#14 - 2/0	#14 - #2	1	2.09	4.52	3.70	175
BDBMCS1F2	BDBMCS1F2FS						2	3.90	4.52	3.70	175
BDBMCS1F3	BDBMCS1F3FS						3	5.72	4.52	3.70	175
BDBMCS1FA	†						Adder	1.91	4.52	3.70	175
BDBMCS3U1	BDBMCS3U1FS	BDBMCS3U1FSKIT	1	1	#6 - 350	#6 - 350	1	2.09	4.52	3.70	310
BDBMCS3U2	BDBMCS3U2FS						2	3.90	4.52	3.70	310
BDBMCS3U3	BDBMCS3U3FS						3	5.72	4.52	3.70	310
BDBMCS3UA	†						Adder	1.91	4.52	3.70	310
BDBMCS2F1	BDBMCS2F1FS	BDBMCS2F1FSKIT	2	6	#14 - 2/0	#14 - #2	1	2.09	4.52	3.70	350
BDBMCS2F2	BDBMCS2F2FS						2	3.90	4.52	3.70	350
BDBMCS2F3	BDBMCS2F3FS						3	5.72	4.52	3.70	350
BDBMCS2FA	†						Adder	1.91	4.52	3.70	350
BDBMCS2N1	BDBMCS2N1FS	BDBMCS2N1FSKIT	2	2	#14 - 2/0	#14 - 2/0	1	2.09	4.52	3.70	350
BDBMCS2N2	BDBMCS2N2FS						2	3.90	4.52	3.70	350
BDBMCS2N3	BDBMCS2N3FS						3	5.72	4.52	3.70	350
BDBMCS2NA	†						Adder	1.91	4.52	3.70	350
BDBMCS5F1	BDBMCS5F1FS	BDBMCS5F1FSKIT	1	6	#4 - 500	#14 - #2	1	2.09	4.52	3.70	380
BDBMCS5F2	BDBMCS5F2FS						2	3.90	4.52	3.70	380
BDBMCS5F3	BDBMCS5F3FS						3	5.72	4.52	3.70	380
BDBMCS5FA	†						Adder	1.91	4.52	3.70	380
BDBMCS5M1	BDBMCS5M1FS	BDBMCS5M1FSKIT	1	4	#4 - 500	#14 - 2/0	1	2.09	4.52	3.70	380
BDBMCS5M2	BDBMCS5M2FS						2	3.90	4.52	3.70	380
BDBMCS5M3	BDBMCS5M3FS						3	5.72	4.52	3.70	380
BDBMCS5MA	†						Adder	1.91	4.52	3.70	380

Large Series:											
BDBLCS3A1	BDBLCS3A1FS	BDBLCS3A1FSKIT	1	12	#6 - 350	#14 - #4	1	3.25	5.54	4.12	310
BDBLCS3A2	BDBLCS3A2FS						2	6.17	5.54	4.12	310
BDBLCS3A3	BDBLCS3A3FS						3	9.09	5.54	4.12	310
BDBLCS3AA	†						Adder	3.05	5.54	4.12	310
BDBLCS3K1	BDBLCS3K1FS	BDBLCS3K1FSKIT	1	6	#6 - 350	#14 - 2/0	1	3.25	5.54	4.12	310
BDBLCS3K2	BDBLCS3K2FS						2	6.17	5.54	4.12	310
BDBLCS3K3	BDBLCS3K3FS						3	9.09	5.54	4.12	310
BDBLCS3KA	†						Adder	3.05	5.54	4.12	310

VERSIPOLE™ (Continued)

Large Series: (continued)											
Catalog Number			# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole
Open Style (Fig. 1)	Finger-Safe Style (Fig. 2)	Finger-Safe Kit (Fig. 3)	Run	Tap	Run	Tap		W	D	H	
BDBLCS5K1	BDBLCS5K1FS	BDBLCS5K1FSKIT	1	6	#4 - 500	#14 - 2/0	1	3.25	5.54	4.12	380
BDBLCS5K2	BDBLCS5K2FS						2	6.17	5.54	4.12	380
BDBLCS5K3	BDBLCS5K3FS						3	9.09	5.54	4.12	380
BDBLCS5KA	†						Adder	3.05	5.54	4.12	380
BDBLCS5W1	BDBLCS5W1FS	BDBLCS5W1FSKIT	1	1	#4 - 500	#4 - 500	1	3.25	5.54	4.12	380
BDBLCS5W2	BDBLCS5W2FS						2	6.17	5.54	4.12	380
BDBLCS5W3	BDBLCS5W3FS						3	9.09	5.54	4.12	380
BDBLCS5WA	†						Adder	3.05	5.54	4.12	380
BDBLCS4K1	BDBLCS4K1FS	BDBLCS4K1FSKIT	2	6	#6 - 350	#14 - 2/0	1	3.25	5.54	4.12	620
BDBLCS4K2	BDBLCS4K2FS						2	6.17	5.54	4.12	620
BDBLCS4K3	BDBLCS4K3FS						3	9.09	5.54	4.12	620
BDBLCS4KA	†						Adder	3.05	5.54	4.12	620
BDBLCS4T1	BDBLCS4T1FS	BDBLCS4T1FSKIT	2	2	#6 - 350	#6 - 350	1	3.25	5.54	4.12	620
BDBLCS4T2	BDBLCS4T2FS						2	6.17	5.54	4.12	620
BDBLCS4T3	BDBLCS4T3FS						3	9.09	5.54	4.12	620
BDBLCS4TA	†						Adder	3.05	5.54	4.12	620
BDBLCS6A1	BDBLCS6A1FS	BDBLCS6A1FSKIT	2	12	#4 - 500	#14 - #4	1	3.25	5.54	4.12	760
BDBLCS6A2	BDBLCS6A2FS						2	6.17	5.54	4.12	760
BDBLCS6A3	BDBLCS6A3FS						3	9.09	5.54	4.12	760
BDBLCS6AA	†						Adder	3.05	5.54	4.12	760
BDBLCS6K1	BDBLCS6K1FS	BDBLCS6K1FSKIT	2	6	#4 - 500	#14 - 2/0	1	3.25	5.54	4.12	760
BDBLCS6K2	BDBLCS6K2FS						2	6.17	5.54	4.12	760
BDBLCS6K3	BDBLCS6K3FS						3	9.09	5.54	4.12	760
BDBLCS6KA	†						Adder	3.05	5.54	4.12	760
BDBLCS6R1	BDBLCS6R1FS	BDBLCS6R1FSKIT	2	4	#4 - 500	#6 - 4/0	1	3.25	5.54	4.12	760
BDBLCS6R2	BDBLCS6R2FS						2	6.17	5.54	4.12	760
BDBLCS6R3	BDBLCS6R3FS						3	9.09	5.54	4.12	760
BDBLCS6RA	†						Adder	3.05	5.54	4.12	760
BDBLCS6V1	BDBLCS6V1FS	BDBLCS6V1FSKIT	2	2	#4 - 500	#4 - 500	1	3.25	5.54	4.12	760
BDBLCS6V2	BDBLCS6V2FS						2	6.17	5.54	4.12	760
BDBLCS6V3	BDBLCS6V3FS						3	9.09	5.54	4.12	760
BDBLCS6VA	†						Adder	3.05	5.54	4.12	760
BDBLCS8Y1	BDBLCS8Y1FS	—	2	2	#4 - 600 (Class B & C only)	#4 - 600 (Class B & C only)	1	3.25	5.54	4.12	840
BDBLCS8Y2	BDBLCS8Y2FS						2	6.17	5.54	4.12	840
BDBLCS8Y3	BDBLCS8Y3FS						3	9.09	5.54	4.12	840
BDBLCS8YA	—						Adder	3.05	5.54	4.12	840

† To achieve Finger-Safe style Adder order Open style Adder and Finger-Safe Kit

VERSIPOLE™

Double-Wide, Box-to-Stud, and Stud-to-Stud Styles

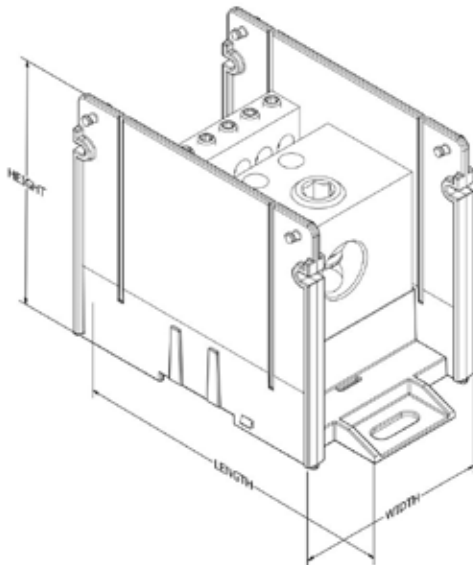
These styles offer additional splicing and tapping options over the standard Open and Finger-Safe styles.



Double-Wide
BDBLCS7X1DW shown

Features & Benefits

- 600 Volt Rated
- Listed to UL1953
- Rated for use with code and flex conductor without requiring ferrules
- AL9CU dual rated for use with copper and aluminum conductors
- Range taking conductor ports can accommodate wire sizes up to 535 DLO and can support up to 5 run conductors and up to 24 tap conductors
- High Short-Circuit Current Rating up to 100kA with proper fusing

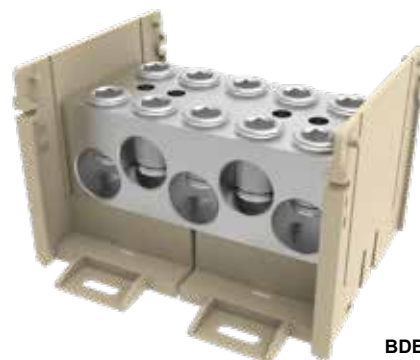


Box-to-Stud
BDBLCS5SK1 shown



Stud-to-Stud
BDBLCS5S5S1 shown

VERSIPOLE™ (Continued)



Double-Wide
BDBLCS7X1DW shown

Double-Wide Series:

Catalog Number	# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole	SCCR ¹
	Run	Tap	Run	Tap		W	D	H		
BDBLCS7X1DW	5	5	#4 - 500	#4 - 500	1	6.17	5.54	4.12	1720	100kA
BDBLCS7R1DW	5	8	#4 - 500	#6 - 4/0	1	6.17	5.54	4.12	1456	100kA
BDBLCS7K1DW	5	12	#4 - 500	#14 - 2/0	1	6.17	5.54	4.12	1170	100kA
BDBLCS7A1DW	5	24	#4 - 500	#14 - #4	1	6.17	5.54	4.12	1026	100kA

¹ Short-Circuit Current Rating with proper fusing



Box-to-Stud
BDBLCS5SK1 shown



Stud-to-Stud
BDBLCS5S5S1 shown

Box-to-Stud and Stud-to-Stud Series:

Catalog Number	# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole	SCCR ¹
	Run	Tap	Run	Tap		W	D	H		
BDBSCS1S1S1	1/4" Ø stud	1/4" Ø stud	—	—	1	1.34	2.76	5.56	175	100kA
BDBMCS3S3S1	3/8" Ø stud	3/8" Ø stud	—	—	1	2.09	4.52	3.70	350	100kA
BDBMCS3SM1	3/8" Ø stud	4	—	#14 - 2/0	1	2.09	4.52	3.70	350	100kA
BDBMCS3SF1	3/8" Ø stud	6	—	#14 - #2	1	2.09	4.52	3.70	350	100kA
BDBLCS5S5S1	1/2" Ø stud	1/2" Ø stud	—	—	1	3.25	5.54	4.12	620	100kA
BDBLCS5SK1	1/2" Ø stud	6	—	#14 - 2/0	1	3.25	5.54	4.12	380	100kA
BDBLCS5SA1	1/2" Ø stud	12	—	#14 - #4	1	3.25	5.54	4.12	310	100kA

¹ Short-Circuit Current Rating with proper fusing

VERSIPOLE™

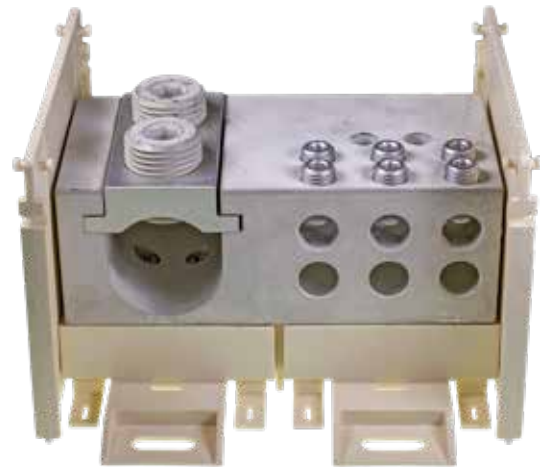
Double-Wide Lay-In Style

These blocks feature a Lay-In channel that allows for continuous Run conductors, perfect for multi-level and/or multi-unit applications.

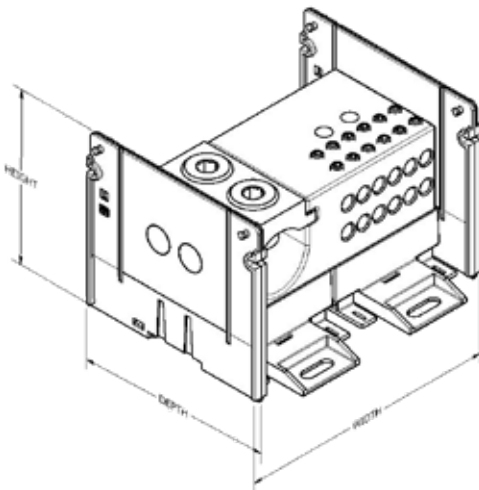


Features & Benefits

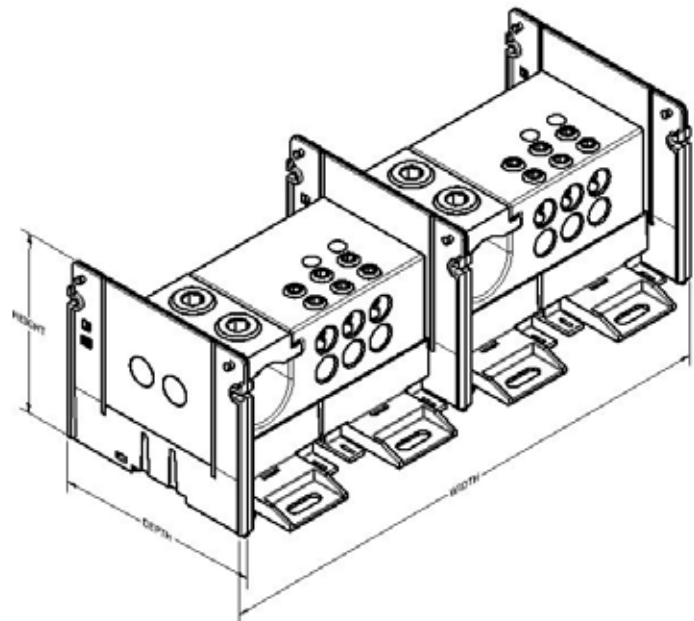
- 600 Volt Rated; Listed to UL1953
- Allows for continuous Run conductors
- Acceptable for panel mounting or DIN Rail mounting for medium and large sizes
- Rated for use with code and flex conductor without requiring ferrules
- AL9CU dual rated for use with copper and aluminum conductors
- Multiple configurations feature range taking conductor ports that accommodate wire sizes up to 1000 kcmil run and up to 12 tap conductors max. 500 kcmil
- High Short-Circuit Current Rating up to 100kA with proper fusing
- Supplied with Black Cover



Double-Wide Lay-In
BDBLCS13LK1DW shown

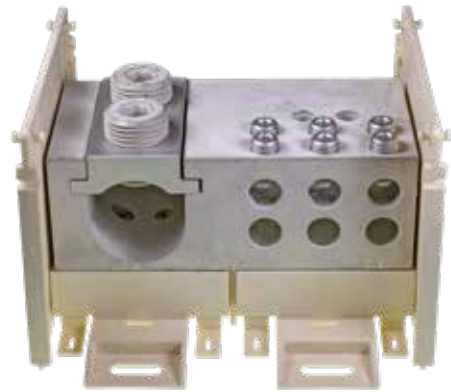
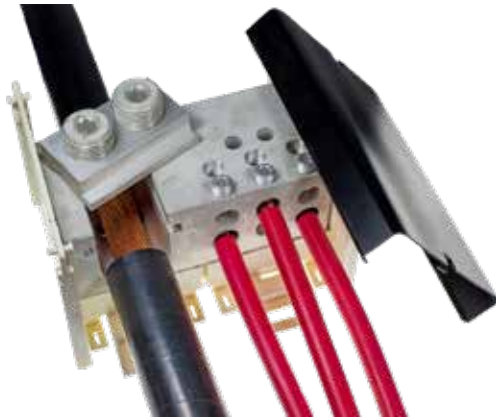


Double-Wide Lay-In Single Pole
BDBLCS13LA1DW shown



Double-Wide Lay-In Two Pole
BDBLCS13LK2DW shown

VERSIPOLE™ (Continued)



Double-Wide Lay-In
BDBLCS13LK1DW shown

Double-Wide Lay-In Series:

Catalog Number	# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole	SCCR ¹
	Run	Tap	Run	Tap		W	D	H		
BDBLCS10LV1DW	1	2	500 - 750	#4 - 500	1	6.17	5.54	4.12	475	100kA
BDBLCS10LV2DW					2	12.00	5.54	4.12		
BDBLCS10LV3DW					3	17.84	5.54	4.12		
BDBLCS10LR1DW	1	4	500 - 750	#6 - 4/0	1	6.17	5.54	4.12	475	100kA
BDBLCS10LR2DW					2	12.00	5.54	4.12		
BDBLCS10LR3DW					3	17.84	5.54	4.12		
BDBLCS10LK1DW	1	6	500 - 750	#14 - 2/0	1	6.17	5.54	4.12	475	100kA
BDBLCS10LK2DW					2	12.00	5.54	4.12		
BDBLCS10LK3DW					3	17.84	5.54	4.12		
BDBLCS10LA1DW	1	12	500 - 750	#14 - #4	1	6.17	5.54	4.12	475	100kA
BDBLCS10LA2DW					2	12.00	5.54	4.12		
BDBLCS10LA3DW					3	17.84	5.54	4.12		
BDBLCS13LV1DW	1	2	750 - 1000	#4 - 500	1	6.17	5.54	4.12	545	100kA
BDBLCS13LV2DW					2	12.00	5.54	4.12		
BDBLCS13LV3DW					3	17.84	5.54	4.12		
BDBLCS13LR1DW	1	4	750 - 1000	#6 - 4/0	1	6.17	5.54	4.12	545	100kA
BDBLCS13LR2DW					2	12.00	5.54	4.12		
BDBLCS13LR3DW					3	17.84	5.54	4.12		
BDBLCS13LK1DW	1	6	750 - 1000	#14 - 2/0	1	6.17	5.54	4.12	545	100kA
BDBLCS13LK2DW					2	12.00	5.54	4.12		
BDBLCS13LK3DW					3	17.84	5.54	4.12		
BDBLCS13LA1DW	1	12	750 - 1000	#14 - #4	1	6.17	5.54	4.12	545	100kA
BDBLCS13LA2DW					2	12.00	5.54	4.12		
BDBLCS13LA3DW					3	17.84	5.54	4.12		

¹ Short-Circuit Current Rating with proper fusing

POWER DISTRIBUTION BLOCKS

U-BLOK™

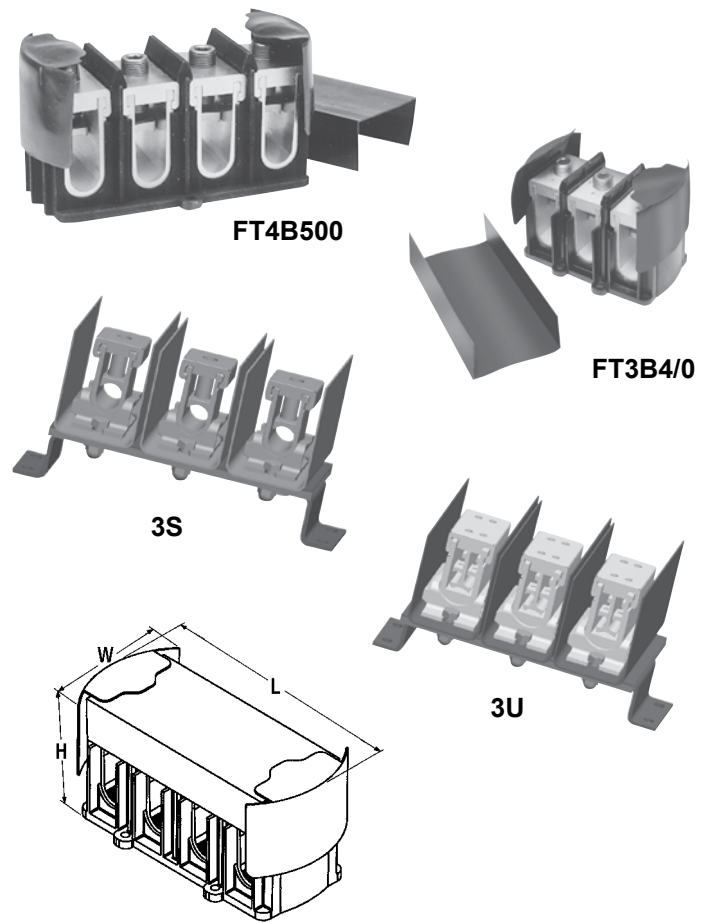


For Junction Box Applications

The U-BLOK™ system is a modern, state-of-the-art approach to multi-load power distribution applications. Among typical uses are multi-story or multi-unit buildings, HVAC, refrigeration, control panels, motor control, switch gear, elevator systems and materials handling equipment. U-BLOK™ is UL Listed for Copper or Aluminum conductors and rated for 600-volt applications. U-BLOK™ can be mounted on bases for use in troughs or bolted directly to junction boxes. AL9CU rated.

Features & Benefits

- Connector top slides OFF/ON for quick cable lay-in providing labor savings; easy access for installation, modifications, or retrofit
- Electro-tin plated connectors in each pole for durability, high-conductivity and resistance to corrosion
- Compact size requires less space than traditional connection methods
- Trough installations can be mounted on raised platforms for passage of cables under the block, no need for through-cables to be terminated
- Insulating covers and mounting blocks are rated 94-V0 savings costly taping, time, and material; conforms to or exceeds building codes
- Connectors accommodate a wide range of wire sizes reducing inventory requirements
- Feeder conductors can be cut or fed through on a continuous run for ease of installation



3 WIRE POWER DISTRIBUTION BLOCKS

Catalog Number	Max. Number of Wires per Phase	Conductor Copper or Aluminum*		W	L	H	Weight Each	Allen Wrench Size	Recommended Tightening Torque	Strip Length
		Run	Tap							
FT3B4/0	2	3/0 - 4/0	6 - 4/0	3-7/8	5-7/8	4-1/8	1-1/4	1/4	200	1-1/2
FT3B500	2	400 - 500	6 - 500	3-7/8	5-7/8	4-1/8	2-1/8	3/8	375	2-5/16
3S	2	250 - 350	6 - 350	3-5/8	9-3/4	4-7/8	3	1/4	200	1-3/4
3U	1 Run / 8 Tap	3/0 - 500	6 - 1/0	4-3/4	9-3/4	5-1/2	3	5/32	110	2-5/16 (Run); 1-5/32 (Tap)

4 WIRE POWER DISTRIBUTION BLOCKS

Catalog Number	Max. Number of Wires per Phase	Conductor Copper or Aluminum*		W	L	H	Weight Each	Allen Wrench Size	Recommended Tightening Torque	Strip Length
		Run	Tap							
FT4B4/0	2	3/0 - 4/0	6 - 4/0	3-7/8	7-7/8	4-1/8	2	1/4	200	1-1/2
FT4B500	2	400 - 500	6 - 500	3-7/8	7-7/8	4-1/8	2-3/4	3/8	375	2-5/16
4S	2	250 - 350	6 - 350	3-5/8	11-3/4	4-7/8	3-1/2	1/4	200	1-3/4
4U	1 Run / 8 Tap	3/0 - 500	6 - 1/0	4-3/4	11-3/4	5-1/2	3-1/2	5/32	110	2-5/16 (Run); 1-5/32 (Tap)

PENETROX™ inhibitor is recommended for all aluminum wire connections.

* For two wire tap range is 8 through 1/0.

* Aluminum and copper conductors cannot be assembled under the same pressure plate or t-bar.

U-BLOK™ Mounting Platforms for Trough Applications are available, please contact technical services.