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Complies with NFPA 78-86 Ordinary Structures.
Complies with NFPA 78-86 Heavy Duty Stacks (order: LD for Lead Plating for Heavy Duty Stacks applications).

LIGHTNING PROTECTION INFO.

Basic rules for selection are:

1 Must be like material to the conductor (Flexitap out due to steel bolts!).
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. Reason 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 in price book 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. REFER TO FACTORY.

ALL OTHERS
REFER TO FACTORY

1-800-346-4175

REVOLUTIONARY BURNDY DESIGN MEETS STRICT UL 486B STANDARDS

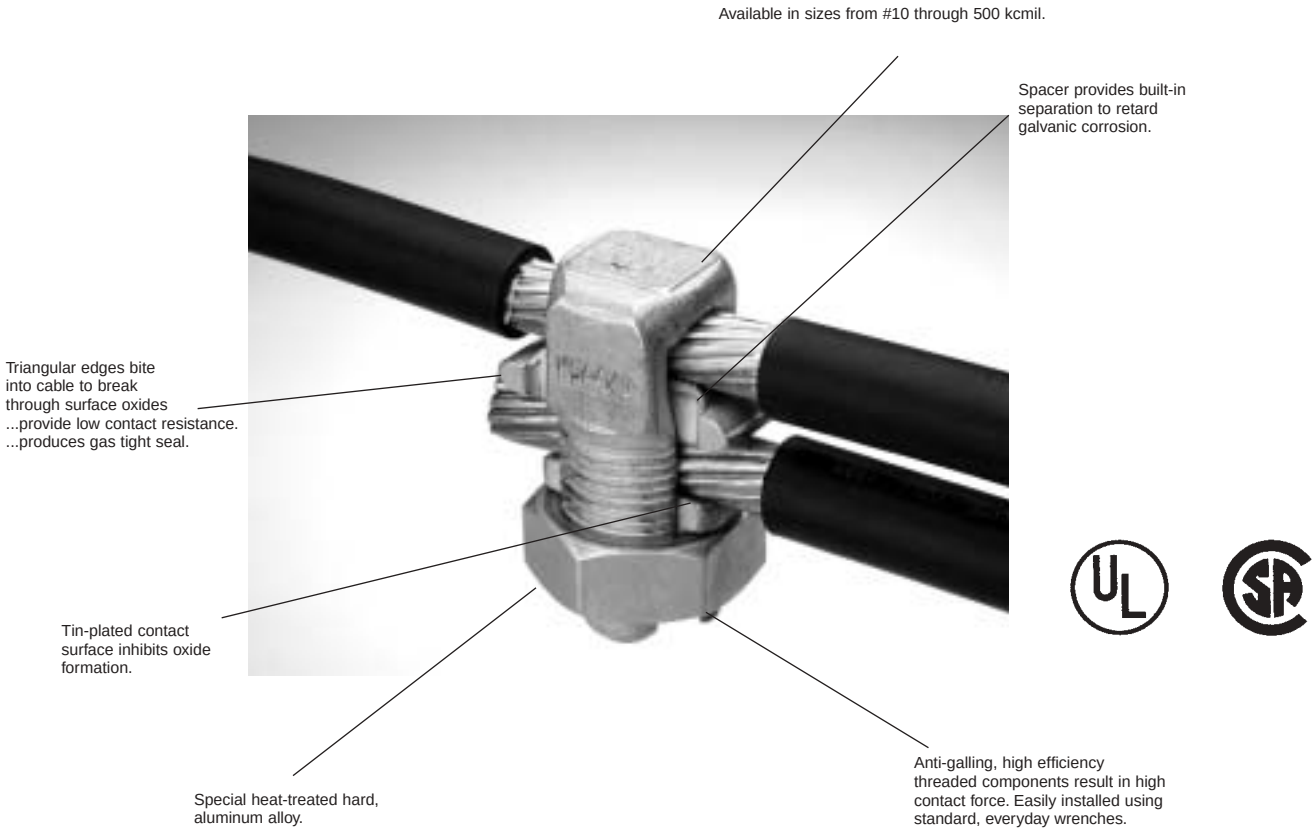
. . . and puts the bite on aluminum connections forever!

For use on all combinations

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

Patented

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



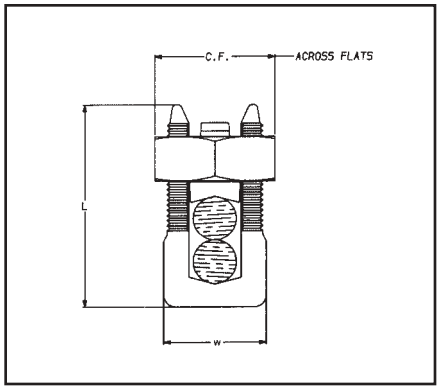
†When used in NEC applications of insulated cables only.

TYPES KS & KS-3

SERVIT®

For 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			
				RANGE FOR EQUAL RUN AND TAP	MIN. TAP WITH MAX. RUN	MAXIMUM RUN AND TAP			
						SOL.	STR.	TYPE A	TYPE D	
KS90	.50	.85	.38	12 STR. - 10 STR.	16 STR.	#10	—	—	—	80
KS15	.50	.85	.38	10 STR. - 8 STR.	14 STR.	#8	—	—	—	
KS17	.63	1.14	.45	8 STR. - 6 SOL.	14 STR.	#6	3 #12	8A	9-1/2D	165
* KS17-3				8 STR. - 6 SOL.	16 STR.	#6	3 #12	8A	9-1/2D	
KS20	.69	1.20	.51	8 STR. - 4 SOL.	14 STR.	#4	3 #10	6A	8D	
* KS20-3				8 STR. - 4 SOL.	14 STR.	#4	3 #10	6A	8D	
KS22	.75	1.50	.60	6 STR. - 2 SOL.	14 STR.	#2	3 #8	4A	6D	275
* KS22-3				6 STR. - 2 SOL.	14 STR.	#2	3 #8	4A	6D	
KS23	.82	1.54	.62	6 STR. - 2 STR.	14 STR.	#1	3 #7	3A	5D	
KS25	.94	1.77	.73	4 STR. - 1/0 STR.	14 STR.	2/0	3 #5	2A	4D	385
KS26	1.05	1.94	.82	2 STR. - 2/0 STR.	14 STR.	3/0	7 #7	—	—	
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	—	—	
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 page A-2

* Not UL or CSA Listed

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.

SERVIT® and cover combination can be ordered as follows:

CKS4 KS20 with cover
CKS2/0 KS26 with cover

For other combinations, please contact factory.

CATALOG NUMBER	FOR USE WITH
SC4	KS17, KS17-3, KS20 KSU17, KSU20
SC2	KS22, KS20-3, KS23, KS22-3, KSA6, KSA4, KSU22, KSU23
SC2/0	KS25, KS26, KSA2, KSA 1/0 KSU25, KSU26

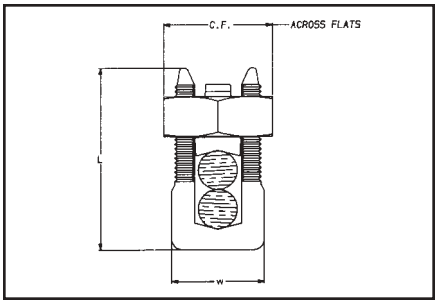
TYPE KSU

UNIVERSAL SERVIT®

For All Combinations of Copper, Alum., ACSR, AAAC, 5005, and Steel

Tin-plated, high strength copper alloy SERVIT® 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.



UL
486A
Copper Only

CATALOG NUMBER	FIG.	CROSS FLAT	L	W	CONDUCTOR							RECOMMENDED TIGHTENING TORQUE in-lb.
					RUN		TAP		MAXIMUM CONDUCTOR STEEL			
					COPPER & ALUMINUM	ACSR AAAC 5005	COPPER & ALUMINUM	ACSR † AAAC 5005	SOL. BWG	3 STR. BWG	NOM DIA.	
KSU17	2	.62	.92	.42	12 SOL. - 6 SOL.	8 (6-1)	12 SOL. - 6 SOL.	8 (6-1)	8	—	5/32	165
KSU20	2	.69	1.05	.48	10 SOL. - 4 SOL.	6 (6-1)	10 SOL. - 4 SOL.	6 (6-1)	6	8	7/32	
KSU22	2	.74	1.25	.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	2	.81	1.48	.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	2	.93	1.77	.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	2	1.04	1.93	.79	1/0 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	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	1.38	2.50	1.14	1 STR. - 250	2/0 (6-1) - 4/0 (6-1)	8 STR. - 250	6 (6-1) - 4/0 (6-1)	—	—	1/2	650
KSU31	1	1.69	2.88	1.36	4/0 STR. - 350	3/0 (6-1) - 4/0 (6-1)	4 STR. - 350	4 (6-1) - 4/0 (6-1)	—	—	5/8	650
KSU34	1	2.00	3.12	1.47	400 - 500	336 (30-7) - 477 (18-1)	2 STR. - 500	2 (6-1) - 477 (18-1)	—	—	—	825

Accommodates compressed conductors within conductor ranges.

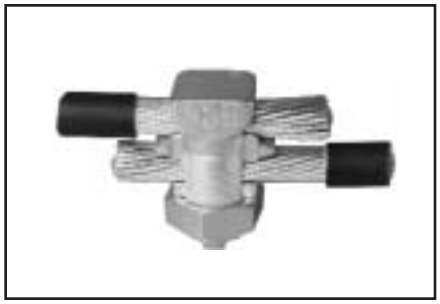
See note page A-2

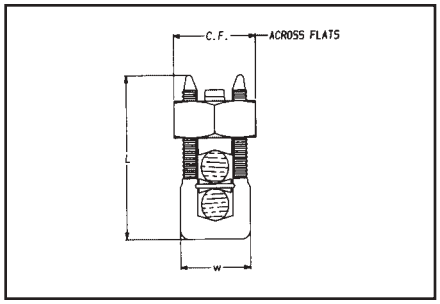
TYPE KSA

TRITAP SERVIT®

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

PATENTED TRIANGULAR PENETRATION TECHNOLOGY CONTACT





Features and 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	.75	1.28	.56	#6 STR. (.184)	#6 STR. (.184)	#10 SOL. (.102)	#10 SOL. (.102)	#6 STR. (.184)	#10 SOL. (.102)	165
KSA4	.81	1.38	.62	#4 STR. (.232)	#4 STR. (.232)	#8 SOL. (.129)	#10 SOL. (.102)	#4 STR. (.232)	#10 SOL. (.102)	165
KSA2	.94	1.58	.69	#2 STR. (.292)	#2 STR. (.292)	#6 SOL. (.169)	#8 STR. (.146)	#2 STR. (.292)	#8 SOL. (.146)	275
KSA 1/0	1.00	1.92	.75	#1/0 STR. (.373)	#1/0 STR. (.373)	#2 STR. COMPACT (.268)	#8 SOL. (.129)	#1/0 STR. (.373)	#8 SOL. (.129)	385
KSA 2/0	1.12	1.92	.88	#2/0 STR. (.418)	#2/0 STR. (.418)	#2 STR. COMPACT (.268)	#8 STR. (.146)	#2/0 STR. (.418)	#8 STR. (.146)	385
KSA 4/0	1.49	2.54	1.13	#4/0 STR. (.528)	#4/0 STR. (.528)	#2 STR. COMPACT (.268)	#6 STR. (.184)	#4/0 STR. (.528)	#6 STR. (.184)	500
***KSA 350**	1.69	3.24	1.50	350 KCMIL (.681)	350 KCMIL (.681)	#1/0 STR. COMPACT (.336)	#4 STR. (.232)	#350 KCMIL (.681)	#4 STR. (.232)	650
***KSA 500**	2.00	3.62	1.73	500 KCMIL (.813)	500 KCMIL (.813)	400 KCMIL COMPACT (.659)	#2 STR. COMPACT (.268)	#500 KCMIL (.813)	#2 STR. COMPACT (.268)	825

▲Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.
* Not CSA listed.
** No scratch brushing or oxide inhibiting compounds required for insulated 90° C max. rated conductor for N.E.C. applications.

TYPE KVS

OKLIP™

Mechanical Connector
For Copper & Copperweld

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

CATALOG NUMBER	CONDUCTOR					RECOMMENDED ▲ TIGHTENING TORQUE in-lb
	COPPER		COPPERWELD			
			MAX. RUN AND TAP			
	RUN	TAP	SOL.	STR.	TYPE V	
KVS26	2 STR. - 2/0 STR.	6 SOL. - 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	10 STR. - 350	—	19 #8	V250	325
KVS34	400 - 500	10 STR. - 500	—	19 #6	V350	375
KVS40	400 - 800	3/0 STR - 800	—	19 #5	—	500
KVS44	500 - 1000	3/0 STR. - 1000	—	—	—	500

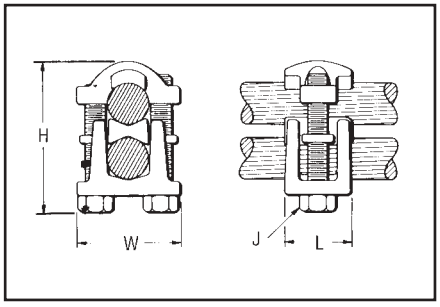
▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

See note page A-2

TYPE KVSU

UNIVERSAL OKLIP™

Mechanical Connector
For 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 DURIUM™ 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	RECOMMENDED 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	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	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	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	4/0 - 1000	4/0 - 1000	4/0 - 900	—	7/8 - 1-1/8	—	1/2 - 1-1/8	4	3/8	2	3	

Accomodations compressed conductors within diameter range.

See note page A-2

TYPE KVSW

OKLIP™

Mechanical Connector
For Copper and Copperweld.

Similiar 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 DURIUM™ 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	4 SOL. - 350	325
KVSW34	400 - 500	4 STR. - 500	375
KVSW40	400 - 800	4/0 - 800	500
KVSW44	500 - 1000	250 - 1000	500

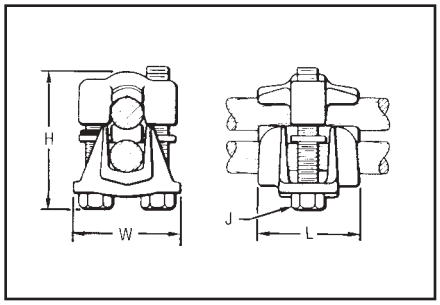
See note page A-2

TYPE KVS-A

ALUMINUM OKLIP™

Mechanical Connector
For 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.



CATALOG NUMBER	CONDUCTOR				RECOMMENDED TIGHTENING TORQUE in-lb
	RUN		TAP		
	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
KVS28A	1/0 STR. - 4/0 STR.	1/0 - 4/0	10 STR. - 4/0 STR.	6 - 4/0	240
KVS31A	250 - 350	4/0 - 336.4	6 STR. - 350	6 - 336.4	300
KVS34A	400 - 500	336.4 - 397.5	4 STR. - 500	5 - 397.5	300
KVS40A	400 - 800	336.4 - 715.5	3/0 STR. - 800	3/0 - 715.5	300
KVS44A	500 - 1000	397.5 - 900	3/0 STR. - 1000	3/0 - 900	480

† Accommodates compressed conductors within diameter range.

See note page A-2

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

APPLICATION OVER ARMOR ROD

CATALOG NUMBER	CONDUCTOR RANGE BY DIAMETER			H	J	L	W
	MIN. RUN DIA.	MIN. TAP DIA.	MAX. RUN & TAP DIA.				
KVS26A	.281	.116	.447	2-1/4	5/16	1-1/4	1-5/8
KVS28A	.360	.116	.564	3	3/8	1-5/8	2-1/16
KVS31A	.565	.184	.681	3-1/16	1/2	1-15/16	2-7/16
KVS34A	.728	.216	.814	3-9/16	1/2	2-5/16	2-5/8
KVS40A	.728	.470	1.036	4-1/16	1/2	2-7/16	2-7/8
KVS44A	.806	.470	1.162	4-7/8	5/8	2-1/2	3-1/8

TYPE QPX

VERSITAP™

Parallel Clamp For 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 DURIUM™ hardware.

*** For various configurations, see page A-10.**

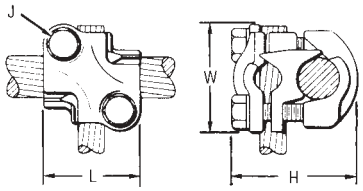


Fig. 1

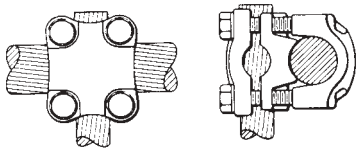


Fig. 2

CATALOG NUMBER	COPPER CONDUCTOR RUN	COPPER CONDUCTOR TAP	FIG. NO.	H	J	L	W	RECOMMENDED TIGHTENING TORQUE in-lb ▲
QPX2C2C	6 STR. - 2 STR.	6 STR. - 2 STR.	1	1-1/2	5/16	1-5/16	1-3/8	150
QPX282C	1 STR. - 4/0 STR.	6 STR. - 2 STR.		2-1/16			1-9/16	250
QPX2828		1 STR. - 4/0 STR.		2-3/8	3/8	1-13/16	1-13/16	
QPX342C	250 - 500	6 STR. - 2 STR.			5/16	1-3/8	1-7/8	375
QPX3428		1 STR. - 4/0 STR.		2-3/4	3/8	1-3/4	2-1/16	
QPX3434		250 - 500	2	3		2-1/16	2-3/16	
QPX442C	500 - 1000	6 STR. - 2 STR.	1	2-11/16	5/16	1-3/8	2-1/4	500
QPX4428		1 STR. - 4/0 STR.		2-7/8	3/8	1-13/16	2-7/16	
QPX4434		250 - 500	2	3-1/16		2-1/16		
QPX4444		500 - 1000		3-7/16		2-5/8	2-9/16	

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

See note page A-2.

CATALOG NUMBER	CONDUCTOR RUN COPPERWELD	CONDUCTOR RUN COPPERWELD – COPPER	CONDUCTOR TAP COPPERWELD	CONDUCTOR TAP COPPERWELD – COPPER
QPX2C2C	5 SOL. - 3 #7	8A - 4A	5 SOL. - 3 #7	8A - 4A
QPX282C	7 #9 - 7 #5	3A - 3/0 V	5 SOL. - 3 #7	8A - 4A
QPX2828	7 #9 - 7 #5	3A - 3/0 V	7 #9 - 7 #5	3A - 3/0 V
QPX342C	19 #9 - 19 #6	4/0 EK	5 SOL. - 3 #7	8A - 4A
QPX3428			7 #9 - 7 #5	3A - 3/0 V
QPX3434			19 #9 - 19 #6	4/0 EK
QPX442C	19 #6	—	5 SOL. - 3 #7	8A - 4A
QPX4428			7 #9 - 7 #5	3A - 3/0 V
QPX4434			19 #9 - 19 #6	4/0 EK
QPX4444			19 #6	

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.

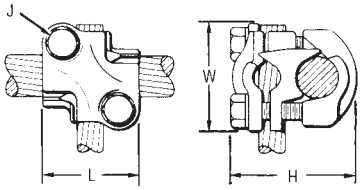


Fig. 1

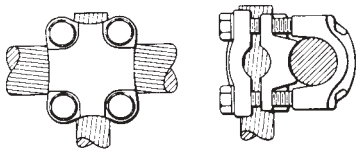


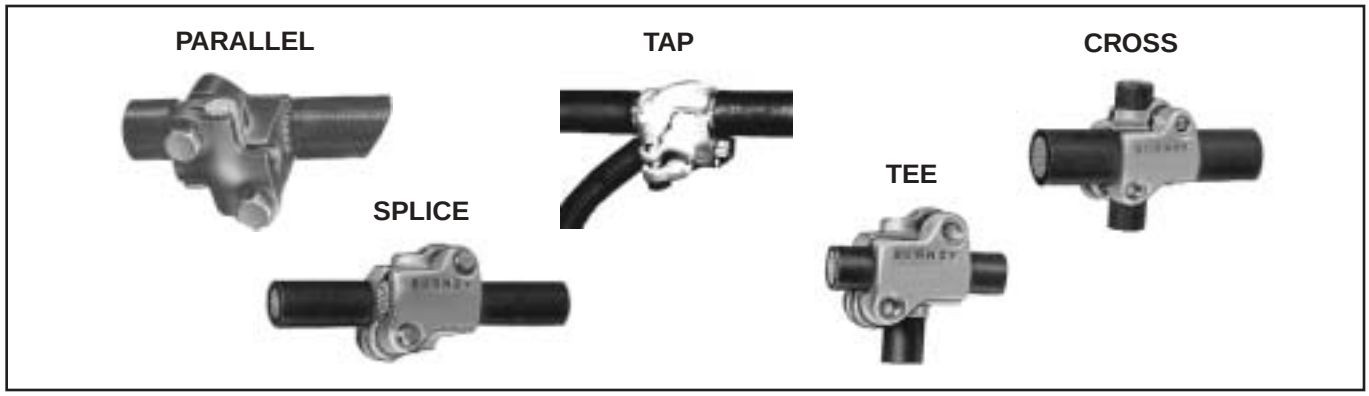
Fig. 2

CATALOG NUMBER	CONDUCTOR ALUMINUM OR COPPER RUN	CONDUCTOR ALUMINUM OR COPPER TAP	FIG. NO.	H	J	L	W	RECOMMENDED TIGHTENING TORQUE in-lb ▲
QPX2C2C-Y	6 STR. - 2 STR.	6 STR. - 2 STR.	1	1-5/8	5/16	1-1/2	1-5/8	150
QPX282C-Y	1/0 STR. - 4/0 STR.	6 STR. - 2 STR.		1-7/8			1-7/8	
QPX2828-Y	1/0 STR. - 4/0 STR.	1/0 STR. - 4/0 STR.		2	3/8	2	2-1/8	250
QPX342C-Y	250 - 500	6 STR. - 2 STR.	1	2-1/4	5/16	1-1/2	2-1/8	375
QPX3428-Y		1/0 STR. - 4/0 STR.		2-1/2	3/8	2	2-1/2	
QPX3434-Y		200 - 500	2	2-7/8		2-1/2	2-5/8	
QPX4444-Y	750 - 1000	750 - 1000	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 page A-2.

APPLICATION VARIATIONS



TYPE KPA

SCRULUG™

For Copper Cable

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.

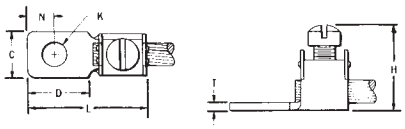


Fig. 1

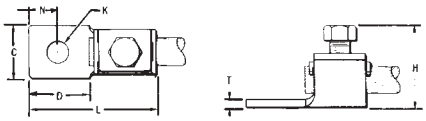


Fig. 2

CATALOG NUMBER	WIRE RANGE	FIG. NO.	C	D	H	K	STUD HOLE SIZE	L	N	T	RECOMMENDED TIGHTENING TORQUE in-lb
KPA8C	8 STR. - 14 SOL.	1	.38	.47	.72	.21	.10	.95	.22	.06	12
KPA4C	14 SOL. - 4 STR.	1	.50	.59	.94	.27	1/4	1.20	.30	.06	45
KPA25	4 STR. - 1/0 STR.	2	.75	.81	1.25	.33	5/16	1.70	.41	.10	180
KPA28	1/0 STR. - 4/0 STR.	2	.97	1.12	1.66	.40	3/8	2.29	.53	.13	250
KPA34	4/0 STR. - 500 kcmil	2	1.38	1.38	2.44	.54	1/2	3.14	.75	.20	375

NOTE: For unplated version add “UNPL” suffix.

TYPE KPA-UP

SCRULUG™

FOR COPPER CABLE

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

Features and Benefits

- One piece design.
  - ◊ Superior torque and pull out performance.
- Convenient range taking design.
  - ◊ Reduces catalog numbers. One catalog number accommodates several conductor sizes.
- High conductivity copper alloy.
  - ◊ Long lasting, reliable contact.
- Compact design.
  - ◊ Easy to use.
- Slot Robertson screw, hex head, hex socket bolt.
  - ◊ No special installation tools required. Eliminates over-torquing/potential conductor damage.

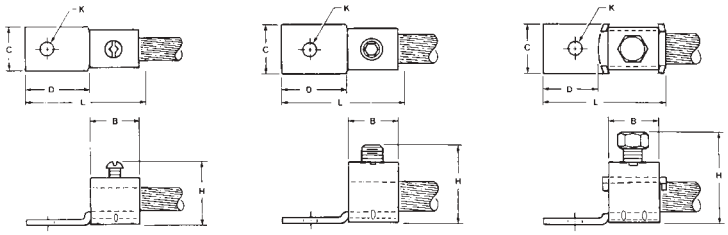


Fig. 1 Fig. 2 Fig. 3

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	0.51	0.81	0.20	#10	1.01	0.24	0.07	1/4 Dia. Slot Robertson	35
KPA4CUP	14 SOL. 4 STR.		0.50	0.71	1.00	0.28	1/4	1.28	0.33	0.07	5/16 Dia. Slot Robertson	45
KPA25UP	6 STR. 1/0 STR.		0.62	0.73	1.37	0.33	5/16	1.54	0.45	0.12	3/8 Dia. Slot Robertson	50
KPA28UP	6 STR. 4/0 STR.	2	1.00	1.06	1.55	0.41	3/8	2.05	0.57	0.12	9/16 Dia. Hex Socket	250
KPA34UP	2/0 STR. 500 kcmil	3	1.50	1.65	2.64	0.53	1/2	3.34	0.88	0.18	5/8 Dia. Hex Head	375

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™

FOR COPPER CABLE -
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 and Benefits

- Convenient range-taking design.
  ◊ Reduces catalog numbers. One conductor accommodates several conductor sizes.
- High conductivity copper alloy.
  ◊ Long lasting reliable contact.
- Compact design.
  ◊ Easy to use. Reduces labor time.
- Slot Robertson screw, hex head/hex socket bolt.
  ◊ No special installation tools required. Eliminates over-torquing/potential conductor damage.

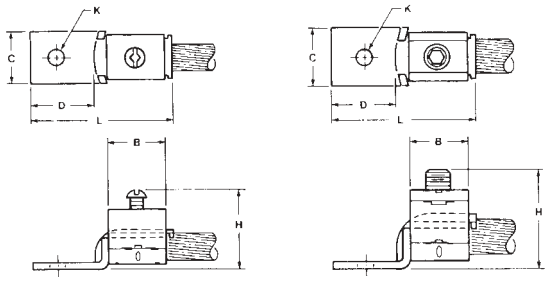


Fig. 1 Fig. 2 Fig. 3

CATALOG NUMBER	FIG.	STUD WIRE RANGE	B	C	D	H	K	STUD HOLE SIZE	L	SCREW TYPE	SCREW SIZE	RECOMMENDED TIGHTENING TORQUE in-lb
KLU25	1	14 - 6	0.28	0.31	0.47	0.66	0.14	8	0.91	Slot Robertson	8/32	20
KLU35	1	14 - 6	0.43	0.38	0.57	0.91	0.20	10	1.17	Slot Robertson	1/4	45
KLU70	1	8 - 2	0.50	0.50	0.61	1.05	0.27	1/4	1.32	Slot Robertson	5/16	50
KLU125	1	2 - 1/0	0.61	0.62	0.86	1.50	0.26	1/4	1.78	Slot Robertson	3/8	50
KLU175	2	4 - 3/0	0.75	0.75	1.20	1.40	0.41	3/8	2.20	Hex Socket	3/8	124
KLU225	2	2 - 4/0	1.00	1.00	1.24	1.64	0.34	5/16	2.54	Hex Socket	7/16	204
KLU300	3	1/0 - 350	1.21	1.10	1.60	2.63	0.41	3/8	3.25	Hex Head	5/8	325
KLU400	3	1/0 - 500	1.49	1.50	2.12	2.74	0.41	3/8	4.26	Hex Head	5/8	375
KLU650	3	600 - 1000	1.88	2.00	1.90	3.73	0.53	1/2	4.61	Hex Head	3/4	500

NOTE: For tin plating add "-TP" suffix (example: KLU25TP).
Tin plating may be specified for corrosion protection.

TYPE KA

KA-LUG™

For Copper Cable

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

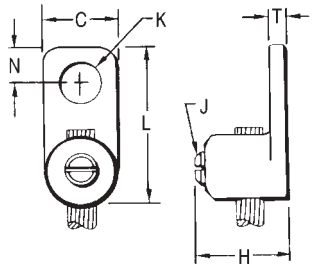


Fig. 1

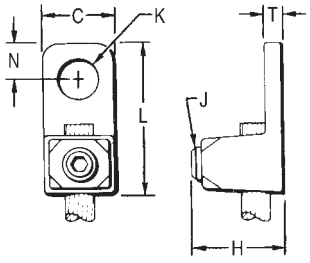


Fig. 2

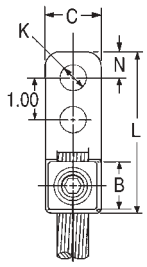


Fig. 3

CATALOG NUMBER	CONDUCTOR	FIG. NO.	C	H	J	K	STUD HOLE SIZE	L	N	T	RECOMMENDED TIGHTENING TORQUE in-lb
KA8C	14 SOL. - 8 STR.	1	3/8	5/8	#12	7/32	#10	13/16	3/16	3/32	25
KA4C	14 SOL. - 4 STR.		9/16	3/4	5/16	9/32	1/4	1-1/8	1/4	7/64	45
KA25	4 STR. - 1/0 STR.	2	3/4	15/16	1/2	27/64	3/8	1-11/16	3/8	1/8	200
KA25-2TC 38	4 STR. - 1/0 STR.	3	3/4	15/16	1/2	27/64	3/8	2-13/16	3/8	1/8	200
KA28	1 STR. - 4/0 STR.	2	15/16	1-1/4	5/8	27/64	3/8	1-15/16	7/16	3/16	275
KA34	4/0 STR. - 500		1-3/8	2-3/32	13/16	9/16	1/2	2-9/16	9/16	9/32	375

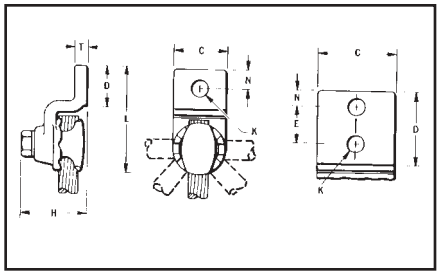
▲ Listed torque values are for maximum conductor sizes accommodated.
Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

TYPE EA

VERSILUG™

For 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	CONDUCTOR	NO. OF HOLES IN PAD	C	D	E	H	K	STUD HOLE SIZE	L	N	T	RECOMMENDED TIGHTENING TORQUE in-lb
EA2C	8 SOL. - 2 STR.	1	13/16	1-1/16	—	1-3/8	7/16	3/8	2-1/2	13/32	1/4	150
EA25	2 STR. - 1/0 STR.	1	7/8	1-1/8	—	1-7/16		3/8	2-11/16	7/16		180
EA28	1/0 STR. - 4/0 STR.	1	1-1/16	1-3/8	—	1-3/4		3/8	3-3/16	17/32	5/16	250
EA28-2N		2 NEMA		3-5/8	1-3/4		9/16	1/2	5-1/8	5/8		
EA34	250 - 500	1	1-3/8	1-5/8	—	2-1/4		1/2	4	13/16	3/8	375
EA34-2N		2 NEMA		3-5/8	1-3/4			1/2	5-5/8	5/8		

* "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.

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.

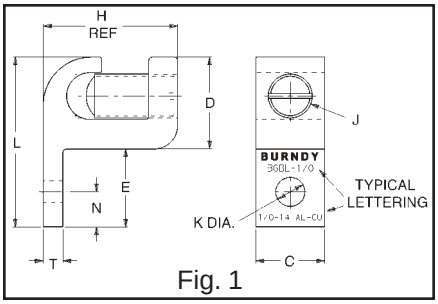


Fig. 1

Features and 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.
  - ◊ Ensures reliability.
- Electro-tin plated.
  - ◊ Provides low contact resistance.
- Lay-in feature.
  - ◊ Eases installation.

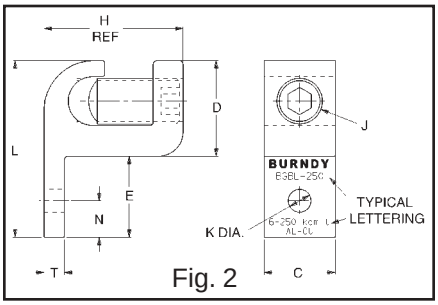


Fig. 2

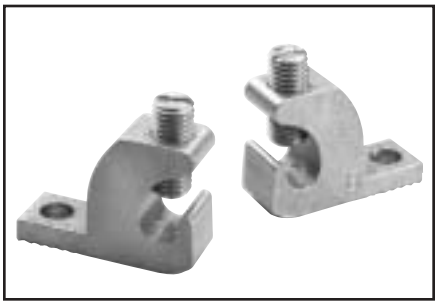
CATALOG NUMBER	FIG NO.	CONDUCTOR RANGE	DIMENSIONS									HEX SIZE
			C	D	E	H REF	J	K DIA.	L	N	T	
*BGBL-4	1	4 - 14 AWG	.39 [10]	.62 [16]	.48 [12]	.79 [20]	1/4 - 28	.22 [6]	1.10 [28]	.20 [5]	.13 [3]	SLOT
BGBL-1/0	1	1/0 - 14 AWG	.63 [16]	.80 [20]	.83 [21]	1.16 [29]	3/8 - 24	.28 [7]	1.63 [41]	.44 [11]	.19 [5]	SLOT
BGBL-250	2	250 kcmil - 6	.88 [22]	1.18 [30]	1.00 [30]	1.72 [44]	7/16 - 18	.28 [7]	2.18 [55]	.45 [11]	.25 [6]	7/32

NOTE: PEN-A PENETROX® inhibitor is recommended for all aluminum terminations.

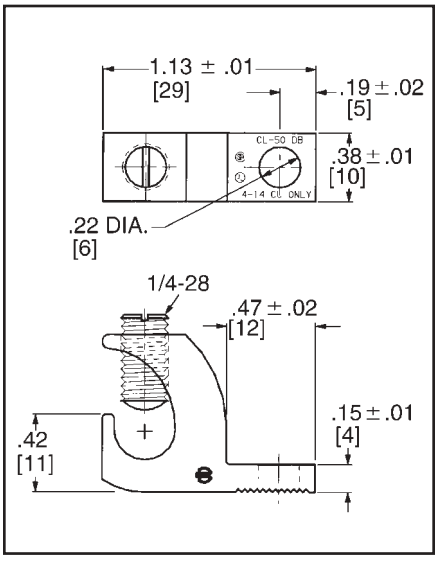
TYPE CL50-1

COPPER LAY-IN QIKLUG™ FOR 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.



CATALOG NUMBER	WIRE RANGE COPPER	STUD HOLE
CL50-1	#14 - #4 CU	#10

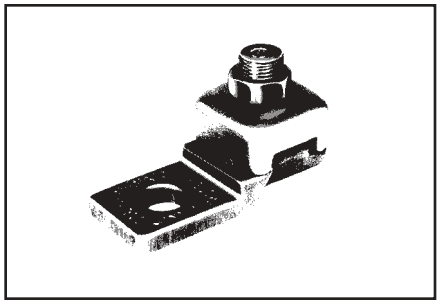


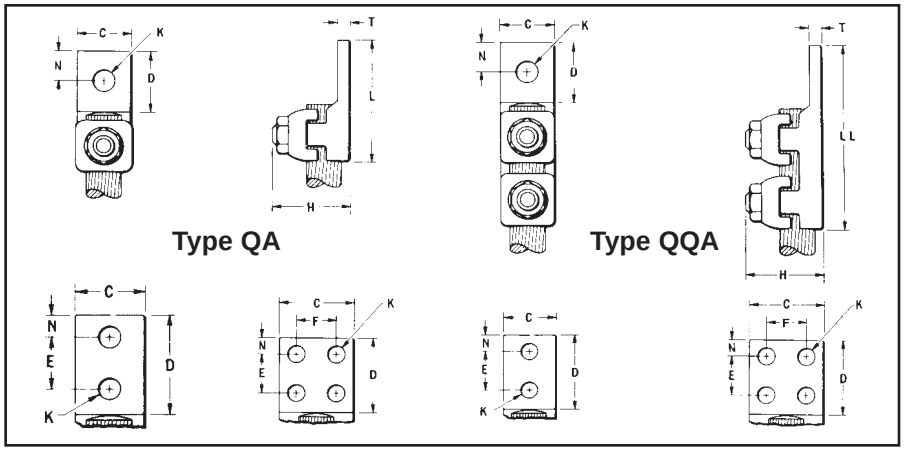
TYPES QA, QQA

QIKLUG™

For 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.





CATALOG NUMBER*		CONDUCTOR		NO. OF HOLES	C	D	E & F	H	K	STUD HOLE SIZE	L	LL	N	T	RECOMMENDED TIGHTENING TORQUE in-lb
TYPE QA	TYPE QQA	COMMERCIAL	NAVY	IN PAD											
QA8C-B	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
QA8C-2B	QQA8C-2			2		1-1/4	5/8				2	3	5/16		
QA4C-B	QQA4C	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
QA4C-2B	QQA4C-2			2		1-3/16	5/8				2	2-15/16			
QA1C-B	QQA1C	4 STR. - 1 STR.	50 - 75	1		3/4	—	1			1-3/4	2-13/16	11/32	7/32	150
QA1C-2B	QQA1C-2			2		1-9/16	7/8		11/32	5/16	2-9/16	3-5/8			
QA26-B	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		180
QA26-2B	QQA26-2			2		1-15/16	1				3	4-3/16			
QA28-B	QQA28	3/0 STR. - 4/0 STR.	150 - 200	1	1	1-1/16	—	1-5/16			2-1/4	3-9/16	17/32	1/4	250
QA28-2B				2		2	1				3-9/16	—	7/16		
QA28-2N*	QQA28-2N*			2 NEMA		3-1/8	1-3/4		9/16	1/2	4-5/16	5-5/8	5/8		
QA31-B	QQA31	250 - 350	250 - 350	1	1-3/16	1-3/8	—	1-11/16	17/32		2-11/36	4-1/8	11/16	5/16	325
QA31-2B				2		1-31/32	1		7/16	3/8	3-3/8	—	7/16		
QA31-2N*	QQA31-2N*			2 NEMA		3	1-3/4		9/16	1/2	4-7/16	5-7/8	5/8		
QA34-B	QQA34	400 - 500	400 - 500	1	1-3/8	1-5/8	—	2	17/32		3-3/16	4-7/8	13/16	5/16	375
QA34-2B				2		2	1		13/32	3/8	3-9/16	—	7/16		
QA34-4B				4	1-7/8	1-15/16			7/16		3-1/2	—	7/16		
QA34-2N*	QQA34-2N*			2 NEMA	1-3/8	3-3/32	1-3/4		9/16	1/2	4-11/16	6-9/32	5/8		
QA40-B		600 - 800	650 - 800	1	1-5/8	1-7/8	—	2-7/16	11/16	5/8	3-11/16	—	27/32	3/8	500
QA40-2N*	QQA40-2N*			2 NEMA		3	1-3/4		9/16	1/2	4-14/16	7-3/32	5/8		
	QQA40-4N			4 NEMA	3						—				
QA44-B		850 - 1000	1000	1	1-7/8	2	—	2-3/4	11/16	5/8	3-15/16	—	1	1/2	
QA44-2N*	QQA44-2N			2 NEMA		3	1-3/4		9/16	1/2	5	7-1/8	5/8		
QA44-4N*	QQA44-4N*			4 NEMA	3	3-1/16									
QA46-B		1100 - 1500	1300	1	2-1/8	2-1/8	—	3-1/8	13/16	3/4	4-3/8	—	1-1/16	9/16	600
QA46-2N*				2 NEMA		3	1-3/4		9/16	1/2	5-1/4	—	5/8		

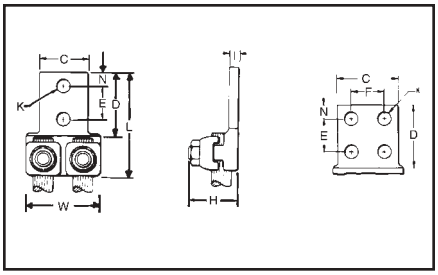
* "N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

TYPE Q2A

QIKLUG™

For 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 ▲
Q2A1C-2	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
Q2A26-2N	1/0 STR. - 2/0 STR.	2 NEMA	1-5/8	3-1/8	3/4	1-3/16	9/16	1/2	4-3/16	5/8	7/32	1-15/16	180
Q2A28-2N	3/0 STR. - 4/0 STR.	2 NEMA	1-7/8		1-3/4	1-3/8			4-3/8		1/4	1-15/16	250
Q2A28-4N		4 NEMA	3						4-1/2			2-1/8	
Q2A31-2N	250 - 350	2 NEMA	2-3/8			1-11/16					5/16	2-1/8	325
Q2A31-4N		4 NEMA	3									3	
Q2A34-2N	400 - 500	2 NEMA	2-1/2			2			4-11/16		3/8	3	375
Q2A34-4N		4 NEMA	3									3-3/4	
Q2A40-2N	600 - 800	2 NEMA	3			2-7/16			5		7/16	3-3/4	500
Q2A40-4N		4 NEMA										4-11/32	
Q2A44-4N	850 - 1000		3-1/4	3-1/4		2-3/4			5-1/4		1/2	4-11/32	
Q2A46-4N	1100 - 1500	4 NEMA	3-1/2			3-1/8			5-1/2		11/16	5	600

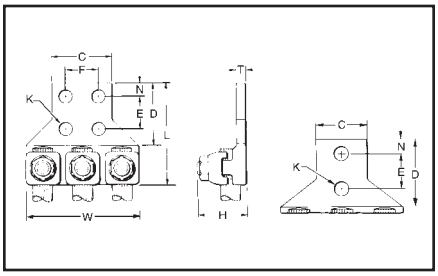
* "N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

TYPE Q3A

QIKLUG™

For 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
Q3A28-2N	3/0 STR. - 4/0 STR.	2 NEMA	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
Q3A28-4N		4 NEMA	3						4-3/8				
Q3A31-2N	250 - 350	2 NEMA	2-3/8			1-11/16			4-7/16		5/16	4-1/16	325
Q3A31-4N		4 NEMA	3										
Q3A34-2N	400 - 500	2 NEMA	2-1/2			1-15/16			4-3/4		3/8	4-9/16	375
Q3A34-4N		4 NEMA	3										
Q3A40-4N	600 - 800	4 NEMA				2-7/16			5		7/16	5-13/16	500
Q3A44-4N	850 - 1000		3-1/4	3-1/4		2-3/4			5-1/4		1/2	6-5/8	
Q3A46-4N	1100 - 1500	4 NEMA	3-1/2			3-1/8			5-1/2		11/16	7-7/8	600

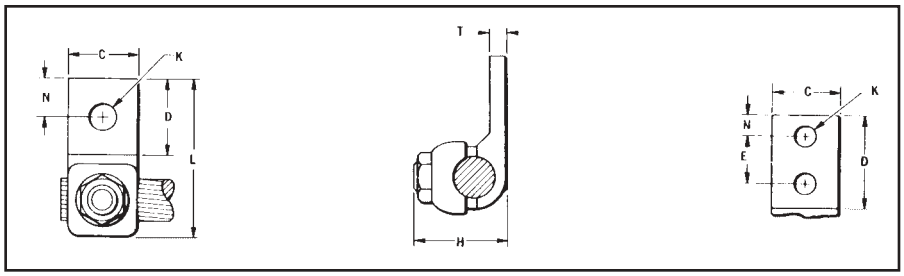
* "N" indicates NEMA standard stud holes.

TYPE QB

QIKLUG™

For 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		13/16	—	1			1-1/2		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		180
QB28	3/0 STR. - 4/0 STR.	1	1	1-1/16	—	1-5/16			2-1/16	17/32	1/4	250
QB31-2N	250 - 350	2 NEMA	13/16	3-1/4	1-3/4	1-11/16	9/16	1/2	4-1/2	5/8	5/16	325

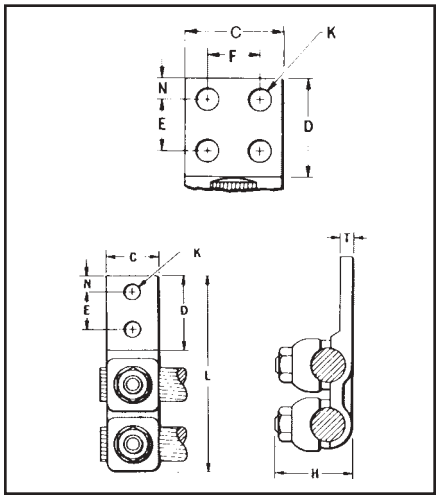
"N" indicates NEMA standard stud holes.

TYPE Q2B

QIKLUG™

For 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
Q2B28-2N	3/0 STR. - 4/0 STR.	2 NEMA	1-7/8	3-1/8	1-3/4	1-3/8	9/16	3/8	5-3/16	5/8	1/4	250
Q2B31-2N	250 - 350	2 NEMA	2-3/8	3-3/16	1-11/16	1-3/8		1/2	5-7/8		5/16	325
Q2B40-4N	600 - 800	4 NEMA	3	3-1/16	1-3/8	2-5/16		1	6-11/16		7/16	500

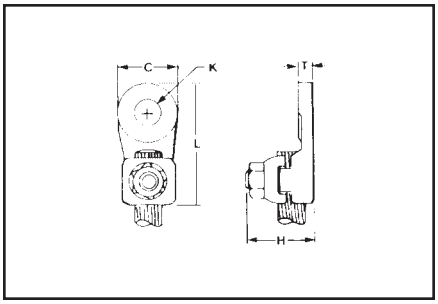
"N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

TYPE QDA

QIKLUG™

For 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.



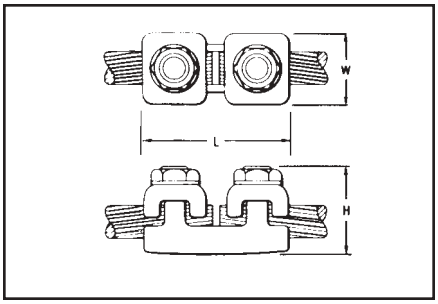
CATALOG NUMBER	CONDUCTOR COMMERCIAL	CONDUCTOR NAVY	C	H	K	STUD HOLE SIZE	L	T	RECOMMENDED TIGHTENING TORQUE in-lb
QDA8C	14 SOL. - 8 STR.	3 - 14	1	11/16	7/16	3/8	1-7/8	3/16	75
QDA4C	8 STR. - 4 STR.	23 - 40		3/4				7/32	110
QDA1C	4 STR. - 1 STR.	50 - 75		1			2-3/16	9/32	150
QDA26	1/0 STR. - 2/0 STR.	100 - 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		1-5/16			2-5/8		250
QDA31	250 - 350	250 - 350	1-1/2	1-11/16	11/16	5/8	3		325
QDA34	400 - 500	400 - 500	1-7/8	2	13/16	3/4	3-5/8		375
QDA40	600 - 800	650 - 800	2-1/8	2-5/16	1-1/16	1	4-3/16	3/8	500

TYPE QR QIKLINK®

SPLICE OR REDUCER

For 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 SIZE	H	L	W	RECOMMENDED TIGHTENING TORQUE in-lb
QR4C	8 STR. - 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	1-11/16	2-5/8	1-1/4	325
QR34	400 - 500	1-15/16	3-1/16	1-7/16	375
QR40	600 - 800	2-7/16	3-5/8	1-7/8	500

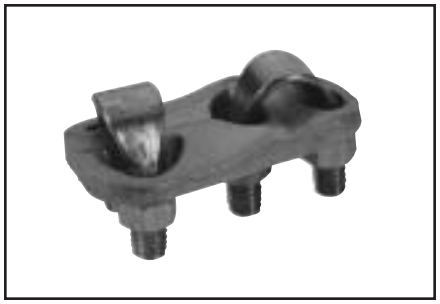
See note page A-2.

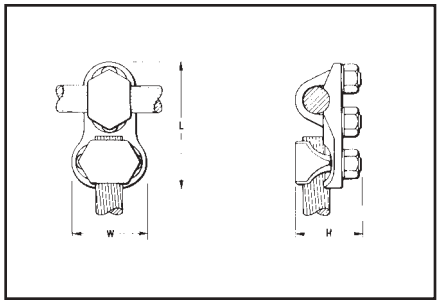
TYPE VT

VARITAP™ T-CONNECTOR

For Copper Cable to Cable

High copper alloy T-connector for cable run, cable tap. V-bolt clamping elements accommodate large range of cable and are particularly suited for extra flexible cable. One-wrench installation.





CATALOG NUMBER	CONDUCTOR RUN	CONDUCTOR TAP	H	L	W	RECOMMENDED TIGHTENING TORQUE in-lb RUN	RECOMMENDED TIGHTENING TORQUE in-lb TAP
VT2C2C	8 SOL. - 2 STR.	8 SOL. - 2 STR.	1-5/16	2-5/16	1-5/16	275	275
VT2525	6 SOL. - 1/0 STR.	6 SOL. - 1/0 STR.	1-5/8	2-5/8	1-7/16	385	385
VT2825	1/0 STR. - 4/0 STR.	6 SOL. - 1/0 STR.		3-1/8	1-1/4	250	385
VT2828		1/0 STR. - 4/0 STR.		3-1/16	1-11/16	250	250
VT3025	1/0 STR. - 300	6 SOL. - 1/0 STR.	1-7/8	3-3/8	1-3/8	325	385
VT3030		1/0 STR. - 300		3-5/16	1-15/16	325	325
VT3425	300 - 500	6 SOL. - 1/0 STR.	2-5/16	3-11/16	1-1/2	375	385
VT3428		1/0 STR. - 4/0 STR.		3-1/2	1-11/16	375	250
VT3430		1/0 STR. - 300		3-5/8	1-15/16	375	325
VT3434		300 - 500		3-3/4	2-1/4	375	375
VT4040	500 - 800	500 - 800	2-9/16	4-1/2	2-5/8	500	500
VT4425	750 - 1000	6 SOL. - 1/0 STR.	2-7/8	4-5/16	2	500	385
VT4428		1/0 STR. - 4/0 STR.		4-1/8	2	500	250
VT4834	1500 - 2000	300 - 500	4-1/4	5-1/4	5	600	375
VT4844		750 - 1000		5-3/4	5	600	500
VT4848		1500 - 2000		6-1/4	5	600	600

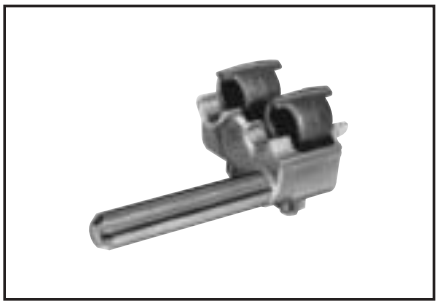
See note page A-2

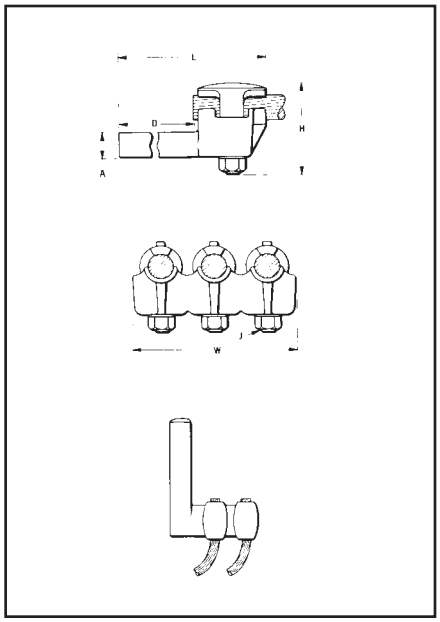
TYPE E-C-G

TRANSFORMER TAP ADAPTER

For Copper

Multi-tap, range-taking cast copper alloy connector designed to take 2, 3 or 4 conductors from a single secondary transformer outlet.





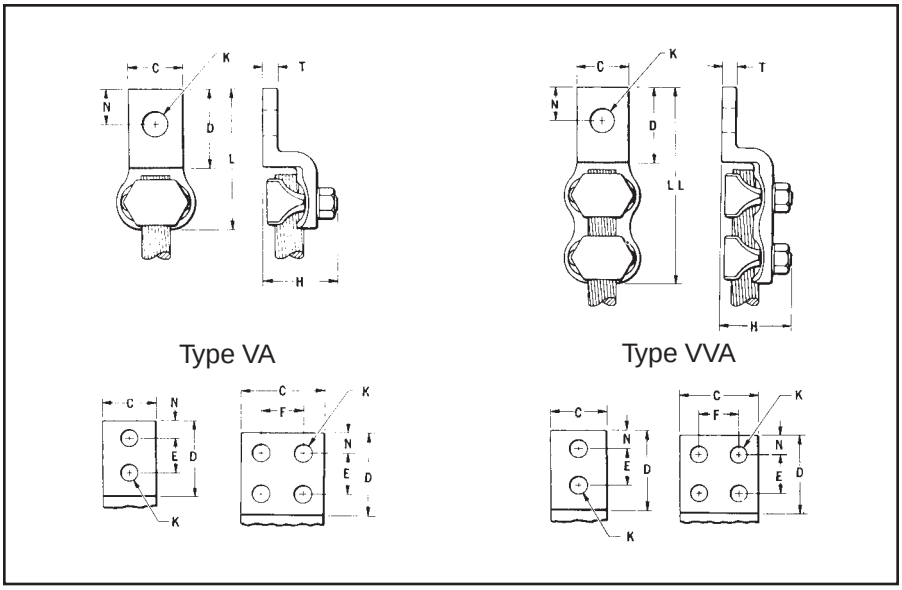
CATALOG NUMBER	NO. OF CONDUCTORS	CONDUCTOR SIZE	A DIA.	D	H	J	L	W	RECOMMENDED TIGHTENING TORQUE in-lb
E2C34G1	2	1/0 SOL. - 500	.78	3-3/4	2-7/8	1/2-13	6-1/4	3-1/2	480
E3C34G1	3							5-1/4	
E4C34G1	4							6-7/8	

TYPE VA, VVA

VARILUG™

For 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.



CATALOG NUMBER*		CONDUCTOR	NO. OF HOLES IN PAD	C	D	E & F	H	K	STUD HOLE SIZE	L	LL	N	T	RECOMMENDED TIGHTENING TORQUE in-lb
TYPE VA	TYPE VVA													
VA2C	VVA2	8 SOL. - 2 STR.	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 SOL. - 1/0 STR.		7/8	1-5/16	—	1-7/8			2-7/8	4-5/16	7/16		385
VA28	VVA28	1/0 STR. - 4/0 STR.	1	1-1/16	1-1/2	—	2-1/4	7/16		2-7/8	4-1/8	17/32	5/16	250
VA28-2N	VVA28-2N		2 NEMA		3-1/2	1-3/4		9/16	1/2	4-15/16	6-3/6	5/8		
VA30	VVA30	1/0 STR. - 300	1	1-1/8	1-5/8	—	2-3/16	7/16	3/8	3-1/4	4-5/8	5/8		325
VA30-2N	VVA30-2N		2 NEMA		3-9/16	1-3/4		9/16	1/2	5-3/16	6-9/16	5/8		
VA34	VVA34	300 - 500	1	1-3/8	2	—	3-11/32			3-13/16	5-5/16	13/16	3/8	375
VA34-2N	VVA34-2N		2 NEMA		3-5/8	1-3/4				5-3/8	6-7/8	5/8		
VA34-4N	VVA34-4N		4 NEMA	3	3-5/8	1-3/4				5-3/8	6-7/8	5/8		
VA40	VVA40	500 - 800	1	1-5/8	2-5/16	—	2-7/8	11/16	5/8	4-1/2	6-3/8	15/16		500
VA40-2N	VVA40-2N		2 NEMA		3-5/8	1-3/4		9/16	1/2	5-13/16	7-11/16	5/8		
VA40-4N	VVA40-4N		4 NEMA	3	2-5/8	1-3/4		9/16		5-13/16	7-11/16	5/8		

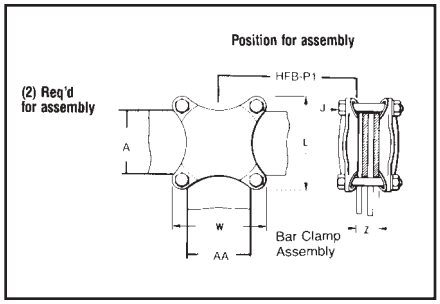
"N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

TYPE HFB-P1

BAR CLAMP ASSEMBLY COMPONENTS

For Copper Bar

To build your own high strength clamp assembly for multiple flat bar using type HFB-P1 bar clamps and clamping hardware, the following tables have been provided. The clamp assembly eliminates the need for drilling the flat bar and is used in indoor and outdoor applications.



ONE CLAMP HALF							
BAR CLAMP BAR			"J"				RECOMMENDED
CATALOG NUMBER	RUN 'A'	TAP 'AA'	BOLT DIA.	L	W	Z	TIGHTENING TORQUE in-lb
HFB22P1	2.00	2.00	3/8	4.38	4.38	*	240
HFB33P1	3.00	3.00	3/8	4.38	4.38	*	240
HFB42P1	4.00	2.00	3/8	5.75	5.75	*	240
HFB44P1	4.00	4.00	1/2	5.75	5.75	*	480
HFB63P1	6.00	3.00	1/2	7.75	4.75	*	480
HFB66P1	6.00	6.00	5/8	8.12	8.12	*	660
HFB88P1	8.00	8.00	3/4	10.50	10.50	*	1990

*Z=Space between the bar clamp contact surfaces

BAR CLAMP ASSEMBLY COMPONENTS †									
COPPER BUS BAR WIDTH (INCHES)		BAR CLAMP		SILICON BRONZE CLAMPING HARDWARE					
				BOLTS		NUTS		SPLIT LOCK WASHERS	
RUN-A	TAP-AA	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.
2	2	2	HFB22P1	4	38 X (*) HEB	4	38CHEN	4	38SW
3	3	2	HFB33P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	2	2	HFB42P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	4	2	HFB44P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	3	2	HFB63P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	6	2	HFB66P1	4	62 X (*) HEB	4	62CHEN	4	62SW
8	8	2	HFB88P1	4	75 X (*) HEB	4	75CHEN	4	75SW

† Ordered separately from BURNDY®.
* See table below when ordering assembly clamping bolts to specify correct bolt length in Cat. #.

BOLT LENGTH									
CLAMP NUMBER	"J" BOLT DIA.	WHEN Z = 1.25	WHEN Z = 1.50	WHEN Z = 1.75	WHEN Z = 2.00	WHEN Z = 2.25	WHEN Z = 2.50	WHEN Z = 2.75	WHEN Z = 3.00
HFB22P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB33P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB42P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB44P1	1/2 (-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB63P1	1/2 (-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB66P1	5/8 (-11)	3.50	4.00	4.00	4.50	4.50	5.00	5.00	5.50
HFB88P1	3/4 (-10)	3.75	4.00	4.50	4.50	5.00	5.00	5.50	5.50

NOTE: When ordering assembly bolts specify correct bolt length in catalog number as indicated in table.

TYPE HFB-N

BAR CLAMP TAP PAD ADAPTER

For Copper Bar

High conductivity copper, tap pad adapter provides a NEMA drilled contact pad when assembled to the HFB-P1 clamps. Tap connections can be made from copper bus bar(s) without drilling, by bolting standard mechanical or compression terminal pads directly to the pre-drilled tap pad

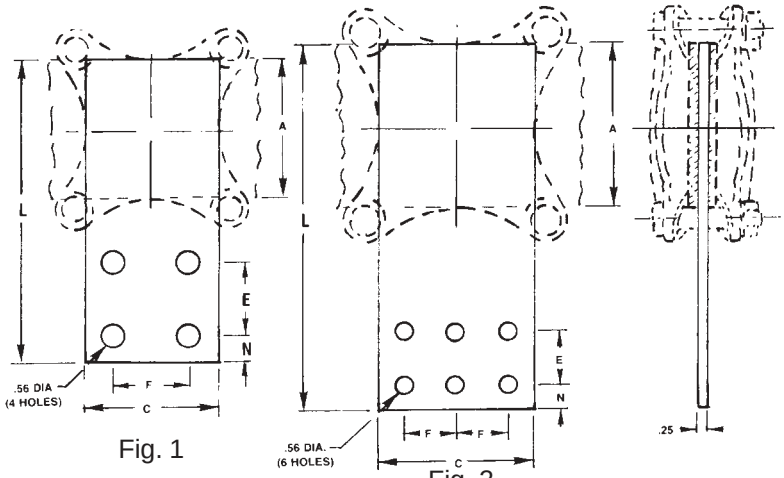


Fig. 1 Fig. 2

CATALOG NUMBER	FIG. NO.	A-C	E & F	L	N	USE WITH 'H' CLAMP CATALOG NUMBER ①
HFB33-4N	1	3.00	1.75	7.00	.62	**HFB33P1**
HFB44-4N	1	4.00	1.75	9.12	1.12	**HFB44P1**
HFB66-6N	2	6.00	1.75	11.31	1.12	**HFB66P1**

① 'H' Clamp (two required per assembly) and hardware (as shown) not included with bar clamp tap pad, order separately.

TYPES KA-U, KKA-U

UNIVERSAL TERMINAL

(One Conductor) For Aluminum and Copper Conductors

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

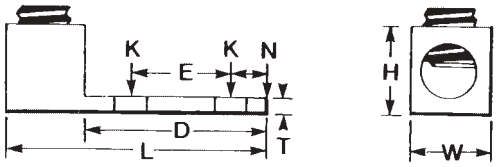
AL9CU


Fig. 1


Fig. 2


Fig. 3


Fig. 4



CATALOG NUMBER*	FIG. NO.	WIRE RANGE ALUMINUM OR COPPER	STUD HOLE SIZE	DIMENSIONS							RECOMMENDED TIGHTENING ▲ TORQUE in-lb
				D	L	N	** W	E	T	** H	
KA6U	1	14 STR. - 6 STR.	1/4	.63	1.06	.25	.50	—	.09	.50	45
KA2U	1	14 STR. - 2 STR.		.63	1.16	.31	.50	—	.10	.55	50
KA25U	1	14 STR. - 1/0 STR.		.81	1.50	.44	.63	—	.19	.80	50
KA26U	2	6 STR. - 2/0 STR.		.81	1.47	.47	.63	—	.19	.80	120
KA29U	2	6 STR. - 250	5/16	.94	2.00	.50	1.00	—	.25	1.13	275
KA30U	2	6 STR. - 300		.94	2.00	.50	1.00	—	.25	1.12	275
KA31U	2	6 STR. - 350	3/8	1.03	2.25	.88	1.13	—	.25	1.25	375
KA34U	2	4 STR. - 500		1.50	2.81	.88	1.51	—	.31	1.58	500
KA36U	2	2 STR. - 600		1.72	3.19	.78	1.50	—	.44	1.56	500
KA40U	2	300 - 800	1/2	1.69	3.38	.88	1.75	—	.50	1.94	500
KA44U	2	500 - 1000		1.69	3.38	.88	1.75	—	.50	1.94	600
KKA31U-2N	3	6 STR. - 350	1/2	3.16	5.50	.63	1.25	1.75	.38	1.50	375
KA36U-2N	4	2 STR. - 600		3.22	4.69	.63	1.50	1.75	.44	1.57	500
KA40U-2N	4	300 - 800		3.03	4.75	.63	1.75	1.75	.50	1.94	500
KA44U-2N	4	500 - 1000		3.03	4.75	.63	1.75	1.75	.50	1.94	600

* "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.

TYPE K2A-U

UNIVERSAL TERMINAL

(Two Conductor)
For Aluminum and
Copper Conductors

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

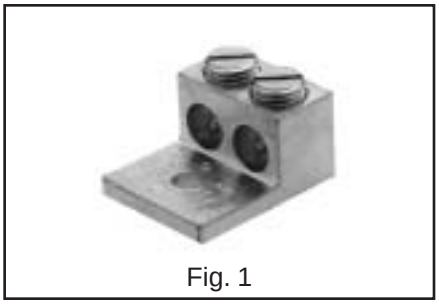


Fig. 1

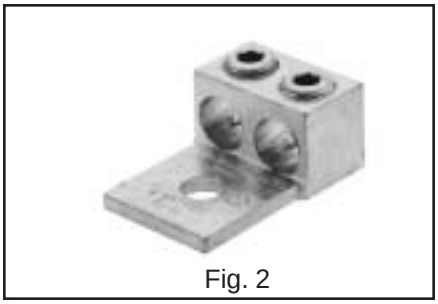


Fig. 2

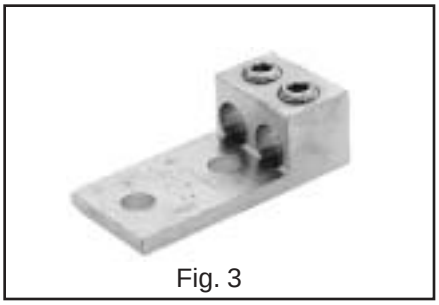
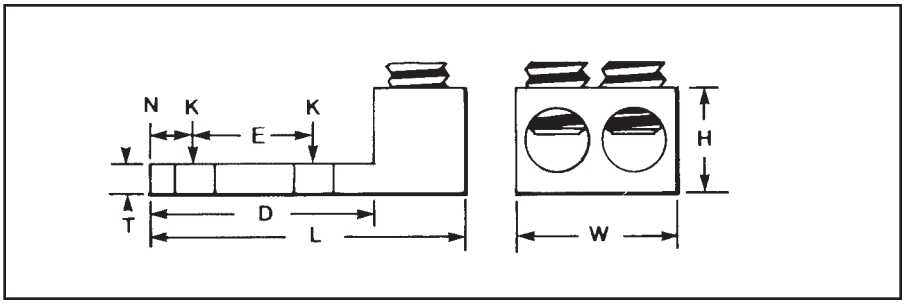


Fig. 3



CATALOG NUMBER*	FIG. NO.	WIRE RANGE ALUMINUM OR COPPER	STUD HOLE SIZE	DIMENSIONS D	L	N	** W	E	T	** H	RECOMMENDED TIGHTENING ▲ TORQUE in-lb
K2A25U	1	Two: 14 STR. - 1/0 STR.	1/4	.81	1.47	.44	1.13	—	.19	.79	50
K2A26U	2	Two: 14 STR. - 2/0 STR.		.81	1.47	.44	1.25	—	.19	.79	50
K2A29U	2	Two: 6 STR. - 250	3/8	1.50	2.56	.50	1.66	—	.25	1.20	275
K2A31U	2	Two: 4 STR. - 350	1/2	1.69	2.88	.88	1.94	—	.25	1.25	275
K2A36U	2	Two: 2 STR. - 600		1.75	3.20	.63	2.41	—	.44	1.58	375
K2A40U	2	Two: 300 - 800	5/8	1.66	3.38	.88	3.19	—	.50	1.94	375
K2A44U	2	Two: 500 - 1000		1.66	3.50	.88	3.52	—	.50	1.94	375
K2A31U-2N	3	Two: 6 STR. - 350	1/2	3.00	4.50	.63	2.31	1.75	.31	1.38	275
K2A36U-2N	3	Two: 2 STR. - 600		3.22	4.69	.63	2.41	1.75	.44	1.56	375
K2A40U-2N	3	Two: 300 - 800		3.03	4.75	.63	3.19	1.75	.50	1.94	375
K2A44U-2N	3	Two: 500 - 1000		3.03	4.75	.63	3.19	1.75	.50	1.94	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

(Three Conductor)
For Aluminum and
Copper Conductors

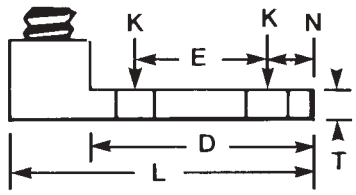
Dual-rated three-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

AL9CU

Fig. 1

Fig. 2

Fig. 3



CATALOG NUMBER*	FIG. NO.	WIRE RANGE ALUMINUM OR COPPER	K	STUD HOLE SIZE	DIMENSIONS							RECOMMENDED TIGHTENING ▲ TORQUE in-lb
					D	L	N	W	E	T	H	
K3A2U-1*	1	Three: 14 STR. - 2 STR.	11/32	5/16	1.63	2.19	.34	1.59	.88	.19	.62	50
K3A25U-2*	1	Three: 14 STR. - 1/0 STR.	7/16	3/8	2.09	2.91	.34	1.94	1.00	.25	.88	
K3A26U-2N	3	Three: 14 STR. - 2/0 STR.	9/16	1/2	3.06	3.75	.63	1.95	1.75	.19	1.79	
K3A27U-2N	3	Three: 6 STR. - 3/0 STR.			3.00	3.88	.63	2.81		.31	1.12	275
K3A29U-2N	3	Three: 6 STR. - 250			3.00	4.00	.63	2.81		.31	1.19	
K3A31U-2N	3	Three: 6 STR. - 350			3.00	4.31	.63	3.00		.31	1.38	
K3A36U-2N	3	Three: 2 STR. - 600			3.22	4.69	.63	3.63		.44	1.56	375
KK3A36U-2N	2	Three: 2 STR. - 600			3.00	5.63	.56	4.22		.44	1.69	
KK3A40U-2N	2	Three: 300 - 800			3.03	5.69	.63	4.81		.50	1.94	
KK3A44U-2N	2	Three: 500 - 1000			3.34	6.19	.63	4.75		.56	1.88	

* 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 page A-2

TYPES K3A-U, KK3A-U
(Continued)

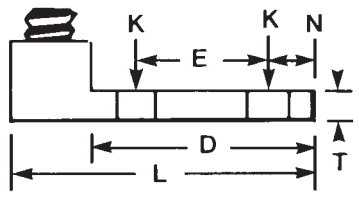
AL9CU

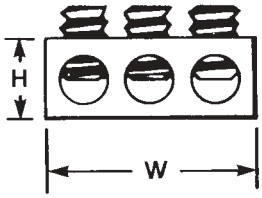

Fig. 1


Fig. 2


Fig. 3


Fig. 4





CATALOG NUMBER**	FIG. NO.	WIRE RANGE ALUMINUM OR COPPER	K	STUD HOLE SIZE	DIMENSIONS							RECOMMENDED TIGHTENING ▲ TORQUE in-lb
					D	L	N	W	E	T	H	
K3A2U-4*	3	Three: 14 STR. - 2 STR.	11/32	5/16	1.63	2.19	.34	1.59	.88	.19	.62	50
K3A25U-4*	3	Three: 14 STR. - 1/0 STR.	7/16	3/8	2.09	2.91	.34	1.94	1.00	.25	.88	
K3A27U-4N	3	Three: 6 STR. - 3/0 STR.	9/16	1/2	3.00	3.88	.63	2.81	1.75	.31	1.12	275
K3A29U-4N	3	Three: 6 STR. - 250			3.00	4.00		2.81		.31	1.19	
K3A31U-4N	3	Three: 6 STR. - 350			3.00	4.31		3.00		.31	1.38	
K3A36U-4N	3	Three: 2 STR. - 600			3.22	4.69		3.63		.44	1.56	375
K3A40U-4N	3	Three: 300 - 800			3.03	4.75		4.81		.50	1.94	
KK3A36U-4N	4	Three: 2 STR. - 600			3.00	5.63		4.22		.44	1.69	
KK3A40U-4N	4	Three: 350 - 800			3.34	6.19		5.34		.56	1.88	275
KK3A44U-4N	4	Three: 500 - 1000			3.34	6.19		4.75		.56	1.88	375

* 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 page A-2

TYPES K4A-U, KK4A-U

UNIVERSAL TERMINAL

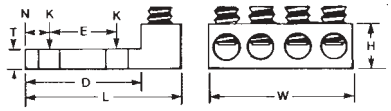
(Four Conductor)
For Aluminum and
Copper Conductors

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

AL9CU



CATALOG NUMBER*	FIG. NO.	WIRE RANGE ALUMINUM OR COPPER	STUD HOLE SIZE	DIMENSIONS D	L	N	W	E	T	H	RECOMMENDED TIGHTENING ▲ TORQUE in-lb
K4A29U-4N	1	Four: 6 STR. - 250	1/2	3	4	.63	3.69	1.75	.31	1.19	275
K4A31U-4N	1	Four: 6 STR. - 350		3	4.31		5.04		.31	1.38	
KK4A36U-4N	2	Four: 2 STR. - 600		3.34	5.63		5		.44	1.69	375
KK4A40U-4N	2	Four: 300 - 800		3	6.19		6		.56	1.88	

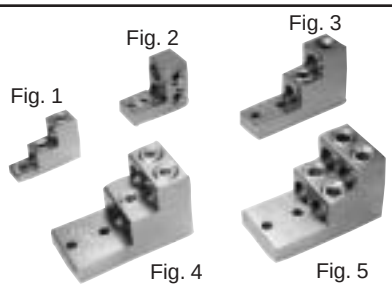
* "N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

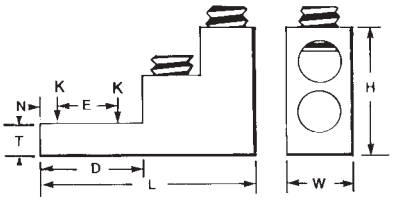
TYPES K11A-U, K21A-U, K22A-U

UNIVERSAL TERMINAL

For 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.





AL9CU

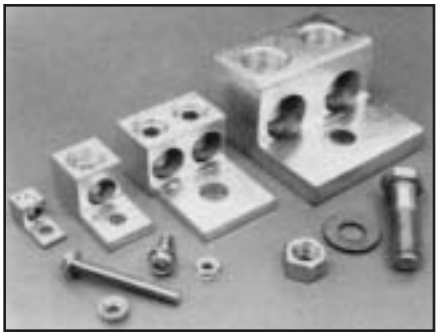
CATALOG NUMBER*	FIG. NO.	WIRE RANGE ALUMINUM OR COPPER	STUD HOLE SIZE	DIMENSIONS D	L	N	W	E	T	H	RECOMMENDED TIGHTENING ▲ TORQUE in-lb
K11A30U*	1	Two: 6 STR. - 300	5/16	.94	3.00	.47	1.00	—	.31	2.00	275
K11A34U-2	2	Two: 4/0 STR. - 500	1/4	2.31	2.91	.25	1.44	.69	.63	2.38	375
K11A36U-2	3	Two: 2 STR. - 600	3/8		4.91	.38	1.50	1.38	.75	3.00	
K21A36U-2	4	Three: 2 STR. - 600					2.50				
K22A36U-2	5	Four: 2 STR. - 600					2.50				
K11A39U-2	3	Two: 1/0 STR. - 750					1.69				
K22A39U-2	5	Four: 1/0 STR. - 750					3.06				

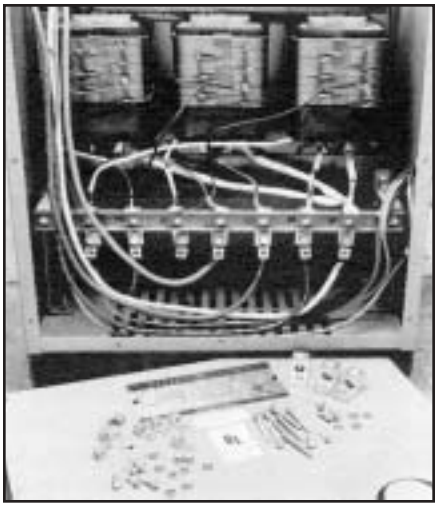
* Not CSA Listed.
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

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 and Benefits

- UL listed AL9CU dual rated set screw terminals and CSA certified.
  ◊ 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.
  ◊ No lost hardware prior to installation.
- Larger 800 kcmil lugs in KIT3 and KIT4.
  ◊ Accommodates common 750 kcmil tap conductors in larger transformers.

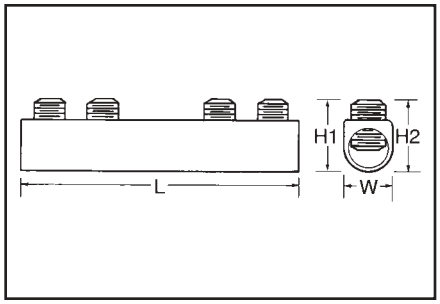
CATALOG NUMBER	TRANSFORMER KVA RATING		TERMINALS QTY.	TERMINALS CATALOG NUMBER	WIRE RANGE ALUMINUM OR COPPER	HARDWARE QTY.	HARDWARE BOLT SIZE	HARDWARE QTY.	HARDWARE NUT	HARDWARE QTY.	HARDWARE WASHER
KAU-KIT1	15 - 37.5 15 - 45	1Ø 3Ø	8 4	**KA2U** **KA29U**	#14 - 2 #6 - 250	8	1/4-20 × 3/4 HH	8	1/4 × 20 HN	—	Captive to Nut
KAU-KIT2	50 - 75 75 - 112.5	1Ø 3Ø	12	**KA29U**	#6 - 250	8 8	1/4-20 × 3/4 HH 1/4-20 × 2 HH	16	1/4 × 20 HN	—	Captive to Nut
KAU-KIT3	100 - 167 150 - 300	1Ø 3Ø	6 7	**K2A31U** **K2A40U**	#6 - 350 300 - 800	5 6	1/2-13 × 3 HH 1/2-13 × 2-1/2 HH	11	1/2-13 HN	22 11	1/2 FW 1/2 Belleville
KAU-KIT4	400 - 500	3Ø	15	**K2A40U**	300 - 800	7 4	1/2-13 × 2 1/2-13 × 2-1/2	11	1/2-13 HN	22 11	1/2 FW 1/2 Belleville

TYPE AMS

DUAL RATED SPLICER/REDUCER

For 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. PENTROX™ oxide inhibiting joint compounds are recommended for all aluminum applications.



Features and Benefits

- All connectors are tin-plated.
  ◊ Provide low contact resistance and prevents galvanic corrosion.
- Connectors feature rounded bottoms.
  ◊ Facilitates taping.
- Solid center barrier.
  ◊ Prevents contact of dissimilar metals.
- Large screw diameters.
  ◊ Ensures greater surface contact with wires for maximum pullout force.
- Large cable ranges.
  ◊ Each splice is also an effective reducing connector.

CATALOG NUMBER	WIRE RANGE MAX.	WIRE RANGE MIN.	L	W	H1	H2 MAX.	NO. OF SCREWS	SCREW DIA.	HEX SIZE
AMS-2*	2	14	1-19/32	9/16	9/16	.79	2	3/8	S
AMS-0*	1/0	8	1-29/32	3/4	3/4	.86	2	7/16	S
AMS-4/0	4/0	6	2-5/16	1	1-3/32	1.28	2	9/16	5/16
AMS-250	250	6	4-3/32	1	1-3/32	1.29	4	5/8	5/16
AMS-350	350	6	4-11/32	1	1-3/32	1.30	4	11/16	5/16
AMS-500	500	3/0	4-25/32	1-1/4	1-3/8	1.48	4	13/16	3/8
AMS-750	750	250	6-1/16	1-7/16	1-5/8	1.98	4	15/16	1/2
AMS-1000	1000	500	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 AGSKIT

ABOVE GRADE SPLICE KITS

For all 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.

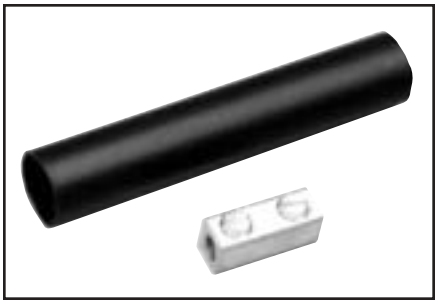


Fig. 1

Fig. 2

Catalog Number	Figure Number	Wire Range	
		Maximum	Minimum
AGSKIT2	1	2	8
AGSKIT250	2	250	1

TYPE UGSKIT

WATERTIGHT/UNDERGROUND SPLICE KITS

For all 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.

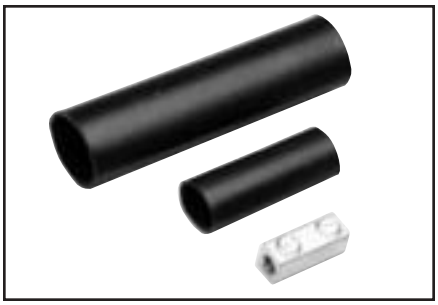


Fig. 1

Fig. 2

Catalog Number	Figure Number	Wire Range	
		Maximum	Minimum
UGSKIT2*	1	2	8
UGSKIT250*	2	250	1

*UL486D Listed for Direct Burial

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 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.

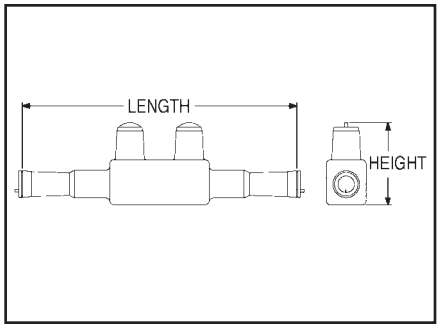
Catalog Number	Wire Range Copper
UGSKIT8*	8 AWG –14 AWG

*UL486D Listed for Direct Burial

TYPE UGS350ULDB

IN-LINE SPLICE/REDUCER

For Direct Burial



Features and 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.

CATALOG NUMBER	WIRE RANGE	LENGTH In. [mm]	HEIGHT In. [mm]	HEX SIZE	TORQUE (In. Lbs.)
UGS350ULDB	10 AWG - 350 kcmil	8.50 [216]	2.81 [71.4]	5/16″	350

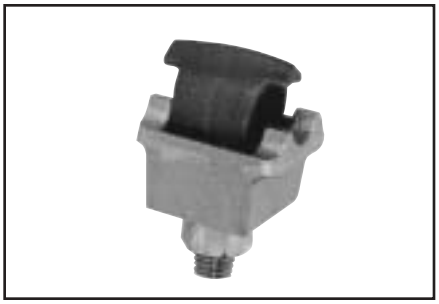
Dimensions in brackets [ ] are in millimeters.

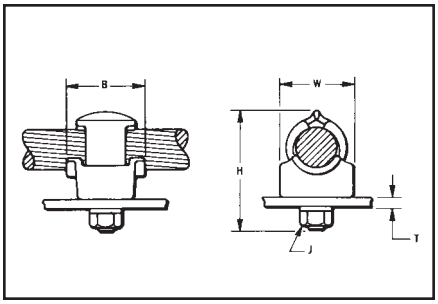
TYPE QGFL

BARTAP™

For Copper Cable To Flat

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





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			2-3/8		3/4	
QGFL26B1	8 SOL. - 2/0 STR.	1-1/4	2-1/8		1/4	1-1/8
QGFL26B1T6			2-5/8		3/4	
QGFL26B2*			2-1/2	1/2	1/4	
QGFL26B2T6*		1-1/2	2-1/8		3/4	
QGFL29B1*	6 STR. - 250		2-5/8		1/4	1-3/8
QGFL29B1T6*		1-5/8	3-1/8		3/4	
QGFL31B1*	2 SOL. - 350		2-7/8		1/4	1-5/8
QGFL31B1T6*		1-3/4	3-1/4		3/4	
QGFL34B1	1/0 SOL. - 500		3-1/8		1/4	1-3/4
QGFL34B1T6		2	3-5/8		3/4	
QGFL39B1	350 - 750		3-1/4		1/4	
QGFL39B1T6		2-1/4	3-5/8		3/4	
QGFL44B1	750 - 1000		3-3/8		1/4	2-1/8
QGFL44B1T6			4-1/8		3/4	
QGFL46B1	1000 - 1500		4		1/4	2-1/2
QGFL46B1T6			4-1/2		3/4	
QGFL48B1	1500 - 2000		5-1/4		1/4	3
QGFL48B1T6			5-1/4		3/4	

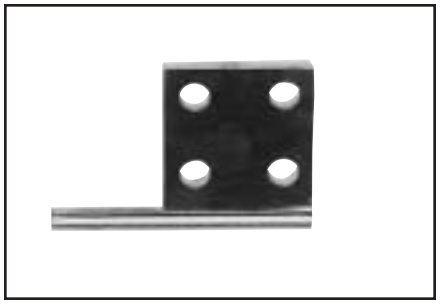
* Can be installed side by side or in-line on NEMA drilled bar.

TYPE FCB

TRANSFORMER TAP ADAPTER

For Copper and Aluminum

Silver brazed 101% conductivity copper 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 & tap terminals separately.



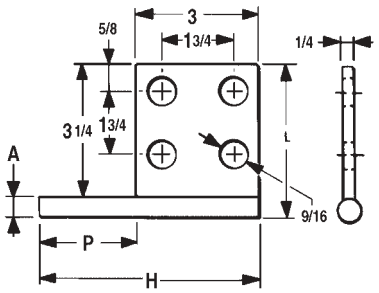


Fig. 1

FIG. NO.	CATALOG NUMBER	A DIA.	H REF.	L	P
1	**FCB63-4N**	.50	5.25	3.75	2.25
2	**FCB63-6N**	.50	5.25	5.50	2.25
1	**FCB64-4N**	.75	5.75	4.00	2.75
2	**FCB64-6N**	.75	5.75	5.75	2.75
1	**FCB65-4N**	1.00	7.00	4.25	4.00
2	**FCB65-6N**	1.00	7.00	6.00	4.00
	FCB63-2NP300	.50	5.00	3.50	3.00
4	**FCB64-44NP50**	.75	9.00	5.00	5.00

NOTE: All pads are NEMA drilled.

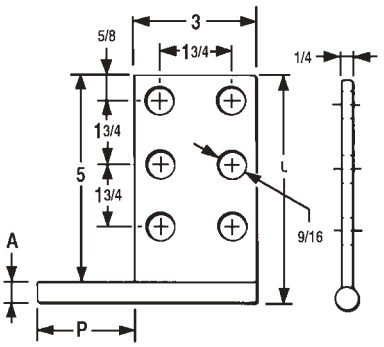


Fig. 2

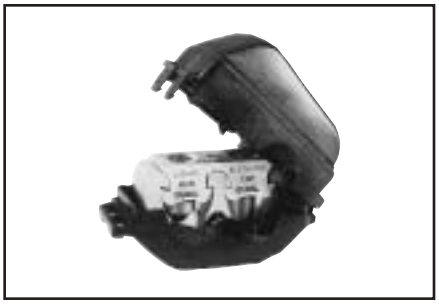
TYPE KPU-AC

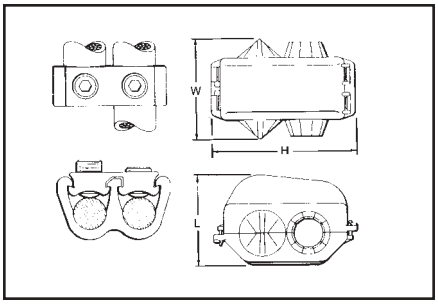
POLYTAP™

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 RUN	TAP	W	H	L	RECOMMENDED TIGHTENING TORQUE in-lb
KPU29A26AC	1/0 STR. - 250	14 SOL. - 2/0 STR.	4	2-11/16	3-1/8	375
KPU29A29AC	1/0 STR. - 250	6 STR. - 250				
KPU34A26AC	4/0 STR. - 500	14 SOL. - 2/0 STR.	4-11/32	1-7/8	3-1/2	450
KPU34A34AC	4/0 STR. - 500	6 STR. - 500				
KPU39A26AC	500 - 750	14 SOL. - 2/0 STR.	4-13/16	3-1/4		600
KPU39A39AC	500 - 750	1/0 STR. - 750				

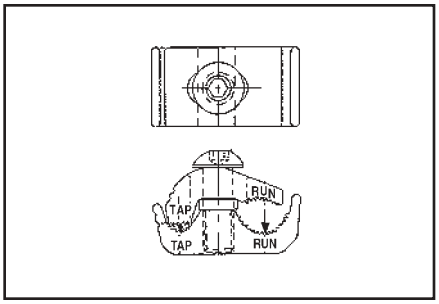
▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller combinations.
See note page A-2.

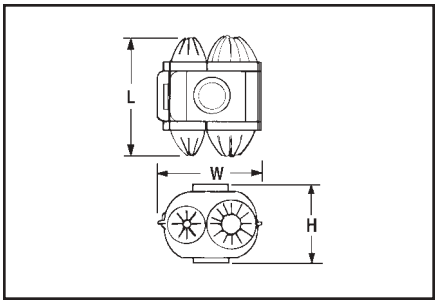
TYPE UCU-AC

RISER TAP

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.

600 VOLT MAX. 90° C MAX.





CATALOG NUMBER	CONDUCTOR RUN	TAP	W	H	L	RECOMMENDED TIGHTENING ▲ TORQUE in-lb
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 BIPC

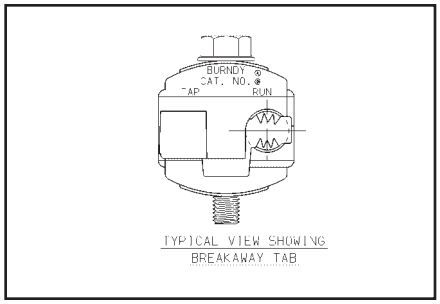
INSUL-TAP™

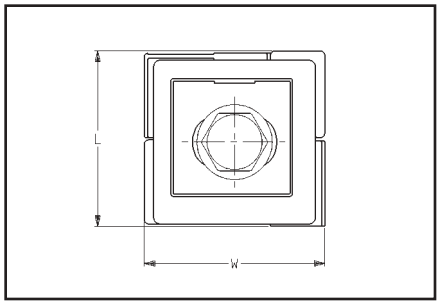
UL Listed 90° C, *600 Volt

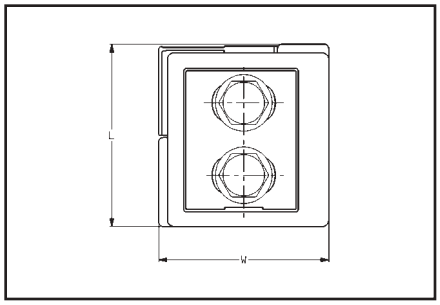
The INSUL-TAP™, TYPE BIPC, **B**urndy **I**nsulation **P**iercing **C**onnector is ideally suited for splicing and tapping aluminum and copper conductor wire sizes: #10 AWG to 500 kcmil. The BIPC's unique insulation piercing design allows for use on hot-line applications, eliminating the need for taping.

Features and Benefits

- Insulation piercing capability.
  - ◊ Eliminates the need for conductor insulation stripping.
- UL486B listed, AL9CU rated.
  - ◊ For copper and aluminum conductor combinations up to 90° *600 Volt applications.
- Insulation piercing design.
  - ◊ For use on hot-line applications. Eliminates the need for taping.
- Easy snap-out tabs.
  - ◊ Eases installation, protects connection from dirt and debris.
- Simple bolt-on connection.
  - ◊ Eases installation.







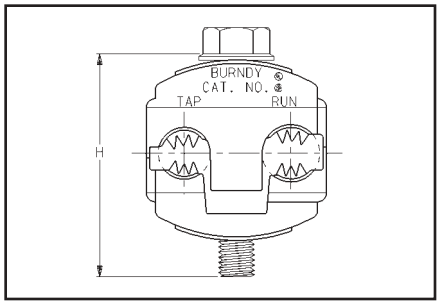


Fig. 1

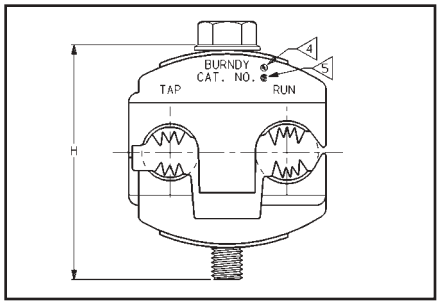


Fig. 2

CATALOG NUMBER	CONDUCTOR RANGE RUN	CONDUCTOR RANGE TAP	BOLT SIZE	SOCKET SIZE	FIG. NO.	DIMENSIONS H	DIMENSIONS L	DIMENSIONS W	RECOMMENDED TORQUE (N,m)	MAX. VOLTAGE RATING
BIPC1/0-2	1/0 - 8 AWG [50 - 6 mm²]	2 - 8 AWG [35 - 6 mm²]	5/16-18	1/2	1	2.00 [51]	1.53 [39]	2.56 [65]	180 in. lbs. [20.3 N.m]	600V
BIPC4/0-6	4/0 - 1/0 AWG [95 - 50 mm²]	1/0 - 6 AWG [50 - 16 mm²]	5/16-18	1/2	2	2.50 [64]	2.12 [54]	2.00 [51]	250 in. lbs. [28.3 N.m]	300V
BIPC4/0-1/0	4/0 - 1/0 AWG [95 - 50 mm²]	4/0 - 1/0 AWG [95 - 50 mm²]	5/16-18	1/2	2	2.50 [64]	2.12 [2.12]	2.06 [52]	250 in. lbs. [28.3 N.m]	300V
BIPC350-4/0	350 - 4/0 AWG [185 - 95 mm²]	4/0 - 10 AWG [95 - 6 mm²]	3/8-16	9/16	1	3.00 [76]	1.59 [40]	2.50 [64]	375 in. lbs. [42.4 N.m]	300V
BIPC350-350	350 - 4/0 AWG [185 - 95 mm²]	350 - 4/0 AWG [185 - 95 mm²]	3/8-16	9/16	2	3.00 [76]	2.62 [67]	2.75 [70]	300 in. lbs. [33.9 N.m]	300V
BIPC500-4/0	500 - 350 kcmil [240 - 185 mm²]	4/0 - 4 AWG [95 - 25 mm²]	3/8-16	9/16	1	3.25 [83]	1.59 [40]	2.62 [67]	400 in. lbs. [45.2 N.m]	600V

U-TAP™

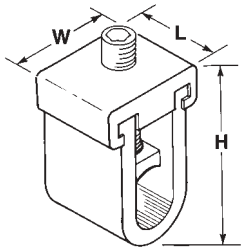
U-TAP™ AND MULTI-TAP™ are ideal for splicing and tapping Aluminum or Copper conductors. Each is AL9CU rated, UL Listed and carries a 600-volt application rating.

FTU 500

FTU500MT

Features and Benefits

- Connector top slides OFF/ON for quick cable lay-in.
  ◊ Labor savings. Easy access for installation, modifications or retrofit.
- Electro-tin plated.
  ◊ Durability. High-conductivity and resistance to corrosion.
- Belleville washer built-in between end of bolt and pressure plate. No Belleville washer in assemblies installed with a 5/32″ Allen wrench.
  ◊ Provides high-integrity connection.
- AL9CU rated for aluminum or copper conductor.
  ◊ Higher ampacity connections.



CATALOG NUMBER	SUPERCEDES	AL or CU WIRE RANGE RUN	AL or CU WIRE RANGE TAP	W	(WIRE STRIP LENGTH) L	H	APPROX. WEIGHT EACH (oz.)	ALLEN WRENCH SIZE	TORQUE (in-lb)	STD. PKG. QTY.
FTU-1	DU-1	2 - 1	#12 thru 1	1″	7/8″	1-7/16″	1-1/4	5/32″	100	50
FTU2/0	DU-2/0	1/0 - 2/0	#12 thru 2/0	1-1/8″	1″	1-5/8″	1-1/2			40
FTU4/0	DU-4/0	3/0 - 4/0	#6 thru 4/0	1-1/4″	1-1/2″	2″	3-5/8	1/4″	200	20
FTU250	DU-250	3/0 thru 250 kcmil	#6 thru 250 kcmil	1-3/8″	1-5/8″	2″	4-1/4			15
FTU350	DU-350	250 kcmil thru 350 kcmil	#6 thru 350 kcmil	1-1/2″	1-3/4″	2-5/16″	5			15
FTU500	DU-500	400 kcmil thru 500 kcmil	#6 thru 500 kcmil	1-5/8″	2-5/16″	2-15/16″	11	3/8″	375	10
FTU500MT	DU-500MT	300 kcmil thru 500 kcmil	#6 thru 1/0 *	1-7/8″	2-5/16″ RUN 1-5/32″ TAP	3-3/8″	10	5/16″	110	10
FTU750 [1, 2]	DU-750	600 kcmil thru 750 kcmil	3/0 thru 750 kcmil	2″	3″	3-3/4″	18-1/4	3/8″	375	4

DU1000 connector no longer available.
PENETROX™ inhibitor is recommended for all aluminum wire connections.

- Aluminum and copper conductors cannot be installed in the same connector.

1 These connectors are equipped with 2 pressure plates.
2 Both conductors must be installed under both pressure plates.

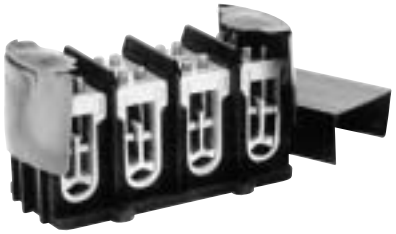
U-BLOK™ POWER DISTRIBUTION BLOCKS

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.

FT4B500

FT4B500MT



Features and Benefits

- Connector top slides OFF/ON for quick cable lay-in.
  ◊ Labor savings. Easy access for installation, modifications or retrofit.
- Electro-tin plated connectors in each pole.
  ◊ Durability. High-conductivity and resistance to corrosion.
- Compact size.
  ◊ Requires less space than traditional connection methods.
- Trough installations can be mounted on raised platforms. (Mounting platforms shown on next page.)
  ◊ Passage of cables under block means through-cables need not be terminated.
- Insulating covers and mounting blocks rated 94-VO.
  ◊ Saves costly taping, time and material. Conforms to or exceeds building codes.
- Connectors accommodate a wide range of wire sizes.
  ◊ Reduces parts inventory requirements.
- Feeder conductors can be cut or fed through on a continuous run.
  ◊ Ease of installation.

3 WIRE POWER DISTRIBUTION BLOCKS

CATALOG NUMBER	MAXIMUM NUMBER OF WIRES PER PHASE		AL or CU WIRE RANGE • RUN	AL or CU WIRE RANGE • TAP	W	L	H	WEIGHT EACH	ALLEN WRENCH SIZE	TORQUE (in-lb)	STRIP LENGTH		SUPERCEDES
FT3B4/0	2		3/0 thru 4/0	6 thru 4/0	3-7/8″	5-7/8″	4-1/8″	1-1/4 lbs.	1/4″	200	1-1/2″		3-TB-4/0
FT3B350			250 thru 350	6 thru 350				1-1/2 lbs.			1-3/4″		3-TB-350
FT3B500			400 thru 500	6 thru 500				2-1/8 lbs.	3/8″	375	2-5/16″		3-TB-500
FT3B500MT	RUN 1	TAP* 8	3/0 thru 500	6 thru 1/0					5/16	110	RUN 2-5/16″	TAP 1-5/32″	3-TB-500MT

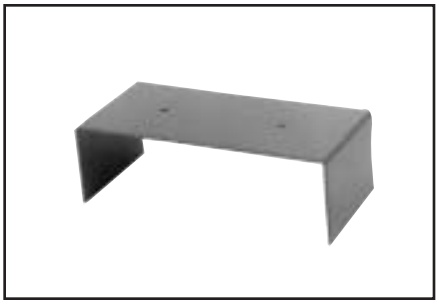
4 WIRE POWER DISTRIBUTION BLOCKS

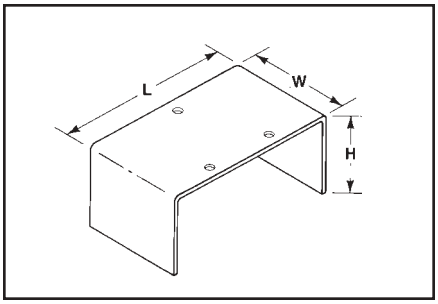
CATALOG NUMBER	MAXIMUM NUMBER OF WIRES PER PHASE		AL or CU WIRE RANGE • RUN	AL or CU WIRE RANGE • TAP	W	L	H	WEIGHT EACH	ALLEN WRENCH SIZE	TORQUE (in-lb)	STRIP LENGTH		SUPERCEDES
FT4B4/0	2		3/0 thru 4/0	6 thru 4/0	3-7/8″	7-7/8″	4-1/8″	2 lbs.	1/4″	200	1-1/2″		4-TB-4/0
FT4B350			250 thru 350	6 thru 350				2-3/4 lbs.			1-3/4″		4-TB-350
FT4B500			400 thru 500	6 thru 500				2-3/4 lbs.	3/8″	375	2-5/16″		4-TB-500
FT4B500MT	RUN 1	TAP* 8	3/0 thru 500	6 thru 1/0					5/16	110	RUN 2-5/16″	TAP 1-5/32″	4-TB-500MT

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. Multi-tap (-500MT series) connectors UL listed for dry locations only.

U-BLOK™ MOUNTING PLATFORMS

For Trough Applications





CATALOG NUMBER	W	L	H	GUTTER SIZE	WEIGHT EACH
TBPT-6*	4-1/4″	5-7/8″	1-1/2″	6″	3/4 lb.
TBPT-8	4-1/4″	7-7/8″	3-1/2″	8″	1-1/4 lb.
TBPT-10	4-1/4″	9-7/8″	4″	10″	1-1/2 lb.
TBPT-12	4-1/4″	11-7/8″	4″	12″	1-3/4 lb.

Hole pattern shown is for reference only.
* Supercedes TBPT4/0-6 and TBPT350/500-6.

FLEXI-TAP™
ALLOWABLE AMPACITIES OF INSULATED CONDUCTOR, 60° TO 90° C **

Size AWG kcmil	Copper			Al. or Copper Clad Al.		
	60 deg. C	75 deg. C	90 deg. C	60 deg. C	75 deg. C	90 deg. C
12	25	25	30	20	20	25
10	30	35	40	25	30	35
8	40	50	55	30	40	45
6	55	65	75	40	50	60
4	70	85	95	55	65	75
3	85	100	110	65	75	85
2	95	115	130	75	90	100
1	110	130	150	85	100	115
1/0	125	150	170	100	120	135
2/0	145	175	195	115	135	150
3/0	165	200	225	130	155	175
4/0	195	230	260	150	180	205
250	215	255	290	170	205	230
300	240	285	320	190	230	255
350	260	310	350	210	250	280
400	280	335	380	225	270	305
500	320	380	430	260	310	350
600	355	420	475	285	340	385
700	385	460	520	310	375	420
750	400	475	535	320	385	435

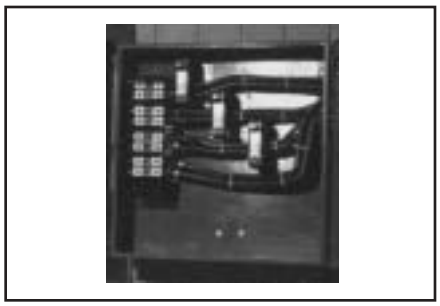
** **NOTE:** Values referenced from Article 310 of the National Electric Code, Table 310-16, 1996. The above chart is to be used for REFERENCE ONLY. Please consult Table 310-16 of the National Electric Code (latest revision) for information regarding insulation type, voltage range, and conductor housings/surroundings. U-TAP™, U-BLOK™, and SPEC-BLOK™ connectors are rated for 90 deg. C by Underwriters' Laboratories. Use of 60 deg. C and 75 deg. C conductor(s) is valid, though only as determined by the National Electric Code.

SPEC-BLOK™ POWER DISTRIBUTION CONNECTORS

Unique, modular, made-to-order, power-distribution assemblies accommodate any number of supply and load conductors in any number of poles. Capacity matches the conductors accommodated and SPEC-BLOK™ assures uniform loading.

Burndy will “design”, quote, assemble and ship SPEC-BLOK™ especially constructed to suit your particular requirements **within 48 hours upon request**.

Adjacent poles are separated by easy-to-handle, wrap-around insulating covers which eliminate taping and reduce heat build-up by allowing air to flow freely around connectors. SPEC-BLOK™ is UL Listed for copper or aluminum conductors for 600 volts. (AL9CU) Assemblies are mounted on platforms suitable for easy installation in wireway or junction box.



Features and Benefits

- Accommodate unlimited conductors.
  - ◊ Fits wide range of applications. Eliminates need for non-UL-listed improvisation.
- Connector elements tin-plated.
  - ◊ Provides high reliability, low-resistance connections.
- User friendly, space-saving design.
  - ◊ Easy to install. Saves labor.
- 94-VO rated insulation folds into place insulating the components.
  - ◊ Saves time and material. Allows easy installation.
- Connector caps removable for easy cable lay-in.
  - ◊ Saves labor. Makes installation easier. Allows installation or straight-through conductors. Eases retrofit.
- Belleville washers built-in on pressure screw assemblies, except in assemblies installed with a 5/32" Allen wrench.
  - ◊ Provides high-integrity connections.
- Conductors can be cut or fed straight through.
  - ◊ Straight through installation ideal for riser applications.

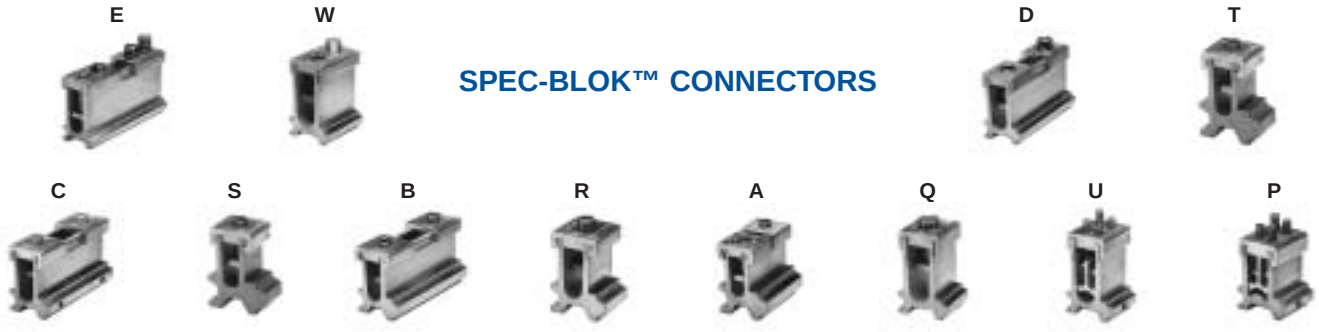
Contact Burndy or Technical Services, 1-800-451-4956 or Burndy Customer Service, 1-800-346-4175

SPEC-BLOK™

Features and Benefits

- The SPEC-BLOK™ system includes 12 connector elements
  - ◊ A wide variety of conductor sizes can be accommodated
- Each element can be bolted together in parallel
  - ◊ Provides an efficient flow of current from one element to another
- AL9CU rated for Copper or Aluminum conductors
  - ◊ Dual-rated system, with UL486B's highest temperature rating
- 2 Wire (series), 4 (parallel), and Multi-Tap versions available
  - ◊ Nearly any conductor combination can be terminated
- Tin-plated Aluminum Alloy Construction
  - ◊ High-strength, corrosion-resistant connector elements
- All SPEC-BLOKs™ are custom made for nearly any Power Distribution system requirement
  - ◊ Time savings — pre-assembled in our factory for immediate installation!

SPEC-BLOK™ CONNECTORS



CATALOG DESIGNATION (MAXIMUM CONDUCTOR)		NUMBER OF CONDUCTORS ACCOMMODATED		AL or CU WIRE RANGE UNDER EACH CAP		DIMENSIONS				ALLEN WRENCH SIZE
4 Conductor	2 Conductor	4 Conductor	2 Conductor	First Conductors MUST Be	Second Conductor (if required) May Be	Height On Max Conductors	Width	Length Without Insulator		
								4 Conductor	2 Conductor	
A	Q	1 to 4 (0, 1 or 2 per cap)	1 or 2 per cap	1/0-2/0	#12-2/0	2-9/16	1-1/2	2-1./8	7/8	5/32"
(2/0)										
B	R			3/0-250	#6-250	3-1/8	1-11/16	4-1/4	1-3/8	1/4"
(250)										
C	S			250-350	#6-350	3-5/16	1-13/16	4-5/8	1-1/2	
(350)										
D	T			400-500	#6-500	4-1/16	2	5-5/8	1-3/4	3/8"
(500)										
E	W			600-750	3/0-750	4-7/8	2-1/4	7-1/4	2-5/8	
(750)										

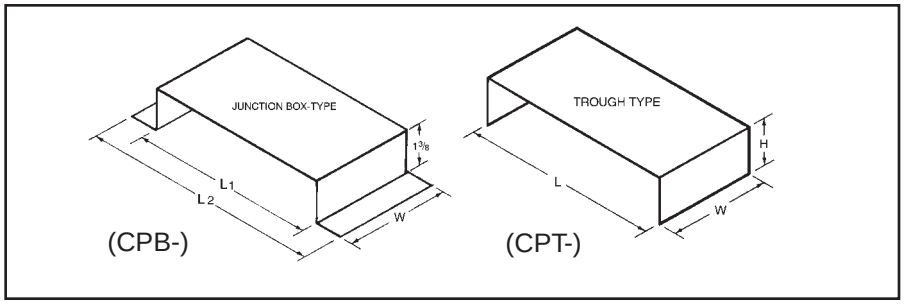
Catalog Designation (Maximum Conductor)	Number of Conductors Accommodated	Large Groove	Small Grooves**	Height On Maximum Conductors	Width	Length Without Insulator	Allen Wrench Size
P (1/0)	1 to 8 (0, 1 or 2 under each screw)	—	6-1/0	3 1/2	2	1 3/4	5/32"
U (1/0 & 500)	2 to 9 (0, 1 or 2 under each screw plus one large conductor)	3/0-500	6-1/0	4 1/8	2		

** This range may be expanded to include #8 provided two conductors are being installed in that particular element.

SPEC-BLOK™

MOUNTING PLATFORMS

SPEC-BLOK™ Mounting Platforms are rigid steel construction with a black finish. They can be supplied for junction box mounting or wireway construction allowing trough conductors to pass underneath the assemblies.



CATALOG NUMBER	L (Nominal)	L (Overall)	W (Overall)
CPB6	6″	7-3/4″	2-1/2″
CPB8	8″	9-3/4″	2-1/2″
CPB10	10″	11-3/4″	2-1/2″
CPB12	12″	13-3/4″	3-1/2″
CPB16-5/8	16-5/8″	18-3/8″	3-1/2″
CPB21-1/4	21-1/4″	23″	3-1/2″

CATALOG NUMBER	L	W	H
CPT6	5-7/8″	2-1/2″	2-1/4″
CPT8	7-7/8″	3-1/2″	3″
CPT10	9-7/8″	3-1/2″	3-1/2″
CPT12	11-7/8″	3-1/2″	4″
CPT16	15-7/8″	3-1/2″	4″

SPEC-BLOK™ catalog numbers describe exactly how the distribution block is assembled:

5DR-NDST-GQP-12
(assembly pictured)

5 Total number of poles in the completed assembly

DR One 'D' unit and one 'R' unit, bolted in parallel, forming each phase pole (3 phase poles)

N Denotes the beginning of the neutral pole (where required)

DST One 'D' unit, one 'S' unit, and on 'T' unit, bolted in parallel, forming the neutral pole

G Denotes the beginning of the ground pole description (where required)

QP One 'Q' unit and on 'P' unit, bolted in parallel, forming the ground pole.

12 Size (inches) of the wireway or trough that is needed to enclose the assembly. If a junction box enclosure is used, no number is used to denote the size of the enclosure.

SPEC-BLOK™ IS A SYSTEM THAT CAN SOLVE MOST POWER DISTRIBUTION APPLICATIONS!

QUESTIONNAIRE

FOR SPEC-BLOK™ OR ELECTRO-RAIL™ APPLICATIONS

What is the total capacity of the system?_____amps

How many poles in the system

(3-wire, 4-wire, single phase, etc.)?_____poles

Are neutral conductors (when required) different sizes (AWG/KCMil) than the phase conductors?

_____the same size _____different size

Is a ground connection required? ☐ Yes ☐ No

What are the **quantities, sizes** (AWG/kcmil) and material (Al/Cu) of the incoming line conductors and outgoing load conductors?

		QUANTITY	SIZE	CONDUCTOR TYPE (Cu/Al)
PER PHASE	LINE			
	LOAD			
PER NEUTRAL	LINE			
	LOAD			
PER GROUND	LINE			
	LOAD			

Are any conductors continuous? ☐ Yes ☐ No

If yes, which ones?_____

_____

What kind of enclosure is connection assembly being mounted into and what are inside space dimensions?

Trough size _____

Box, panel, cabinet, other size_____

When is a quotation required? Date:_____

When is the material required? Date:_____

Is there a preference for a particular Burndy distributor? ☐ Yes ☐ No

If yes, give name, location & telephone Number:

Name:_____

Address:_____

_____

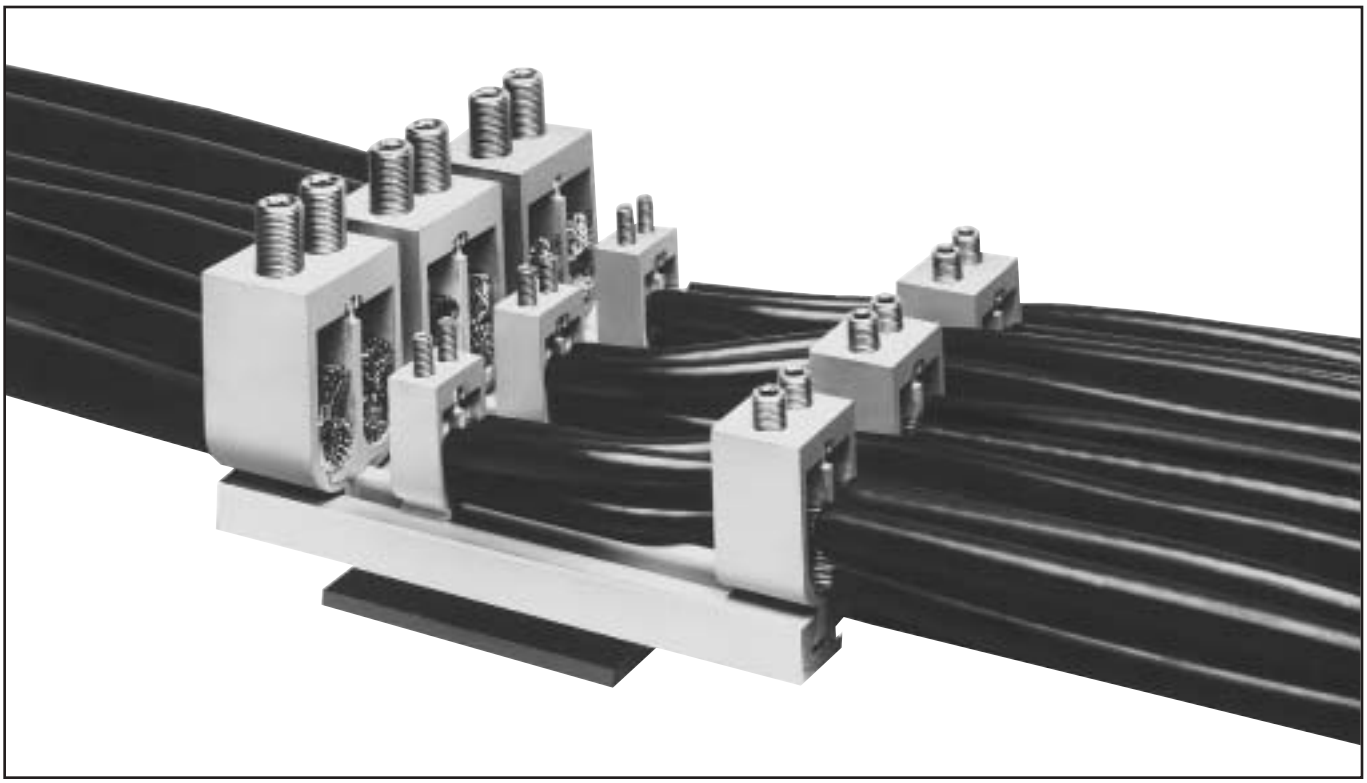
Phone #:_____

ELECTRO-RAIL™

For unlimited tapping capabilities up to the maximum amperage rating limits of the bus bar assembly, BURNDY® offers ELECTRO-RAIL™. UL Listed for Copper or Aluminum and offering a 600-volt connector rating, ELECTRO-RAIL™ can handle up to 4 feeders per phase. Bus bars, available in 3-or 4-wire assemblies rated at 1300 to 1500 amps per phase, come in various lengths. Bus bar assemblies are pre-assembled on an insulated platform that can be easily mounted by bolting through a wireway or to a junction box. Connectors slide onto bus bars from either end or inserted in the center slot of the rail for sizes 18 inches and longer.

Features and Benefits

- Bus bar units are preassembled.
  Easy installation. Labor and cost savings.
- Electro-tin plated.
  ◊ Durability. High-conductivity and resistance to corrosion.
- Connectors handle up to 4 conductors in wide range of wire sizes.
  ◊ Widest range of applications. Lowers inventory.
- User-friendly, space-saving design.
  ◊ Easy to install, modify or retrofit. Saves labor and costs. Provides flexibility for future needs.
- 94-VO rated insulation folds into place, insulating bus bar & all components.
  ◊ Saves time and material. Conforms or exceeds building codes. Ease of inspection/modification.

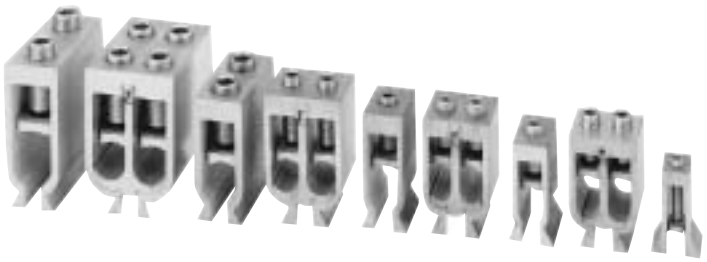


ELECTRO-RAIL™

POWER DISTRIBUTION BUS CONNECTORS

Tin plated aluminum connectors have spring body design that locks into the ELECTRO-RAIL™ base assembly when proper torque is applied. Set screws include integral Belleville washer and pressure plate.

* No Belleville washer in assemblies installed with a 5/32″ Allen wrench.



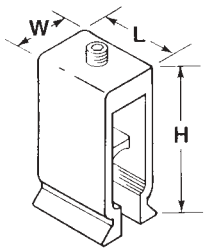


Fig. 1

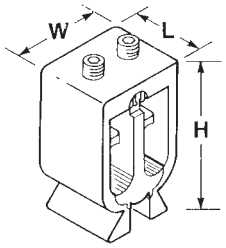


Fig. 2

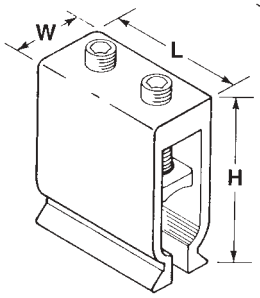


Fig. 3

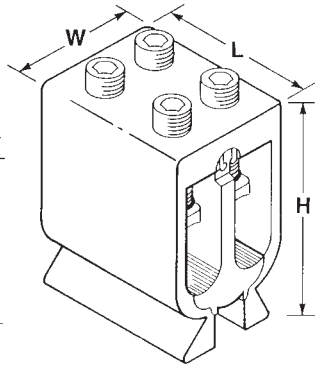


Fig. 4

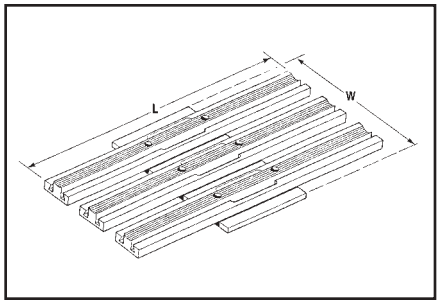
CATALOG NUMBER	AL or CU WIRE RANGE • NO. WIRES	RUN MAX.	RUN MIN.	TAP MAX.	TAP MIN.	W	WIRE STRIP LENGTH L	H	WEIGHT EACH	ALLEN WRENCH SIZE	TORQUE (in-lb)	PCS. PER CARTON	FIGURE NUMBER	STRIP LENGTH
2/0-2	2	2/0	1	2/0	12	5/8	7/8	1-7/8	1/16 lb.	5/32	100	6	1	7/8″
P2/0-4	4	2/0	1	2/0	12	1-1/4	7/8	1-7/8	3/16 lb.	5/32	100	10	2	7/8″
250-2	2	250	2/0	250	6	7/8	1-3/8	2-1/4	3/16 lb.	1/4	300	3	1	1-3/8″
P250-4	4	250	2/0	250	6	1-5/8	1-3/8	2-1/4	3/8 lb.	1/4	300	10	2	1-3/8″
400-2	2	400	4/0	400	6	1	1-1/2	2-3/4	1/4 lb.	1/4	300	15	1	1-1/2″
P400-4	4	400	4/0	400	6	1-15/16	1-1/2	2-3/4	9/16 lb.	1/4	300	10	2	1-1/2″
2-600-2	2	600	400	600	6	1-1/4	3	2-3/4	3/4 lb.	3/8	450	6	3	3″
4-P600-4	4	600	400	600	6	2-3/8	3	2-3/4	1-13/16 lb.	3/8	450	3	4	3″
750-2	2	750	750	750	4/0	1-1/2	3	3-3/8	1-1/16 lb.	3/8	450	6	3	3″

PENETROX™ inhibitor is recommended for all aluminum wire.

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

3 WIRE BUS ASSEMBLY FOR TROUGH

(INSULATING COVERS AND MOUNTING BASE INCLUDED)

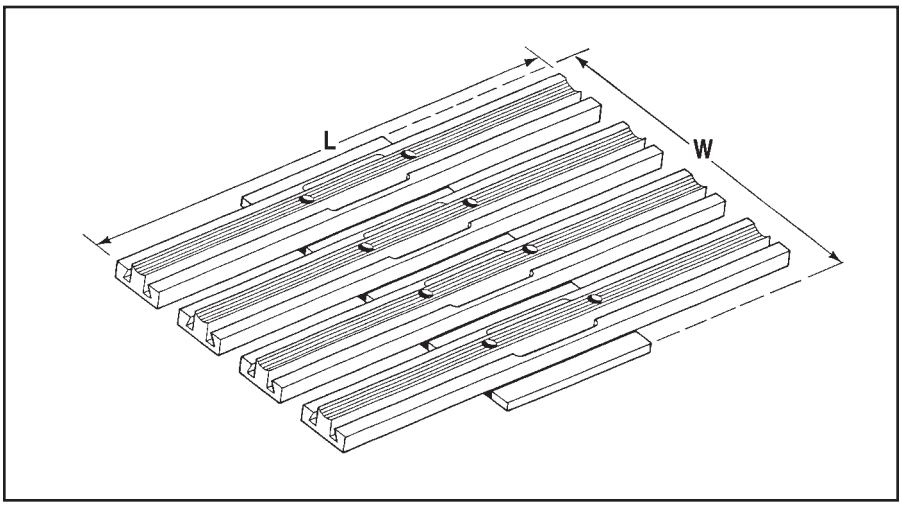


Bus Assemblies consist of tin plated aluminum bus mounted to an insulating platform. Each phase is separated with 94VO 600 volt wrap-around adhesive insulations. The entire assembly is mounted on a trough type base.

CATALOG NUMBER	AMP RATING PER BUS	DIMENSIONS					
		LENGTH		WIDTH	HEIGHT	WEIGHT	PCS. PER CTN.
		BUS	INSULATION				
1300A-8-3-10	1300	8″	12″	10″	4.75″	8 lbs.	1
1300A-12-3-10	1300	12″	16″	10″	4.75″	11 lbs.	1
1300A18-3-10	1300	18″	22″	10″	4.75″	15 lbs.	1
1300A-24-3-10	1300	24″	28″	10″	4.75″	22 lbs.	1
1300A-30-3-10	1300	30″	34″	10″	4.75″	26 lbs.	1
1350A-8-3-12	1350	8″	12″	12″	5.25″	9 lbs.	1
1350A-12-3-12	1350	12″	16″	12″	5.25″	12 lbs.	1
1350A-18-3-12	1350	18″	22″	12″	5.25″	16 lbs.	1
1350A-24-3-12	1350	24″	28″	12″	5.25″	23 lbs.	1
1350A-30-3-12	1350	30″	34″	12″	5.25″	27 lbs.	1
1500A-12-3-10	1500	12″	16″	10″	4.75″	15 lbs.	1
1500A-18-3-10	1500	18″	22″	10″	4.75″	18 lbs.	1
1500A-24-3-10	1500	24″	28″	10″	4.75″	27 lbs.	1
1500A-30-3-10	1500	30″	34″	10″	4.75″	30 lbs.	1
1500A-12-3-12	1500	12″	16″	12″	5.25″	16 lbs.	1
1500A-18-3-12	1500	18″	22″	12″	5.25″	19 lbs.	1
1500A-24-3-12	1500	24″	28″	12″	5.25″	28 lbs.	1
1500A-30-3-12	1500	30″	34″	12″	5.25″	31 lbs.	1

4 WIRE BUS ASSEMBLY FOR TROUGH

(INSULATING COVERS AND MOUNTING BASE INCLUDED)



CATALOG NUMBER	AMP RATING PER BUS	DIMENSIONS			HEIGHT	WEIGHT	PCS. PER CTN.
		LENGTH		WIDTH			
		BUS	INSULATION				
1350A-8-4-12	1350	8″	12″	12″	5.25″	10 lbs.	1
1350A-12-4-10	1350	12″	16″	12″	5.25″	13 lbs.	1
1350A-18-4-12	1350	18″	22″	12″	5.25″	17 lbs.	1
1350A-24-4-12	1350	24″	28″	12″	5.25″	26 lbs.	1
1350A-30-4-12	1350	30″	34″	12″	5.25″	30 lbs.	1
1500A-12-4-12	1500	12″	16″	12″	5.25″	18 lbs.	1
1500A-18-4-12	1500	18″	22″	12″	5.25″	21 lbs.	1
1500A-24-4-12	1500	24″	28″	12″	5.25″	30 lbs.	1
1500A-30-4-12	1500	30″	34″	12″	5.25″	34 lbs.	1

WIRE BUS ASSEMBLY FOR JUNCTION BOXES

(INSULATING COVERS AND MOUNTING BASE INCLUDED)

3 WIRE BUS ASSEMBLY FOR JUNCTION BOXES

(INSULATING COVERS AND MOUNTING BASE INCLUDED)

CATALOG NUMBER	AMP RATING PER BUS	DIMENSIONS			HEIGHT	WEIGHT	PCS. PER CTN.
		LENGTH		WIDTH			
		BUS	INSULATION				
1350A-8-3-B	1350	8″	12″	12″	2.75″	9 lbs.	1
1350A-12-3-B	1350	12″	16″	12″	2.75″	12 lbs.	1
1350A-18-3-B	1350	18″	22″	12″	2.75″	16 lbs.	1
1350A-24-3-B	1350	24″	28″	12″	2.75″	23 lbs.	1
1350A-30-3-B	1350	30″	34″	12″	2.75″	27 lbs.	1
1500A-12-3-B	1500	12″	16″	12″	2.75″	15 lbs.	1
1500A-18-3-B	1500	18″	22″	12″	2.75″	18 lbs.	1
1500A-24-3-B	1500	24″	28″	12″	2.75″	27 lbs.	1
1500A-30-3-B	1500	30″	34″	12″	2.75″	30 lbs.	1

4 WIRE BUS ASSEMBLY FOR JUNCTION BOXES

(INSULATING COVERS AND MOUNTING BASE INCLUDED)

CATALOG NUMBER	AMP RATING PER BUS	DIMENSIONS			HEIGHT	WEIGHT	PCS. PER CTN.
		LENGTH		WIDTH			
		BUS	INSULATION				
1350A-8-4-B	1350	8″	12″	16″	2.75″	10 lbs.	1
1350A-12-4-B	1350	12″	16″	16″	2.75″	13 lbs.	1
1350A-18-4-B	1350	18″	22″	16″	2.75″	17 lbs.	1
1350A-24-4-B	1350	24″	28″	16″	2.75″	26 lbs.	1
1350A-30-4-B	1350	30″	34″	16″	2.75″	30 lbs.	1
1500A-12-4-B	1500	12″	16″	16″	2.75″	18 lbs.	1
1500A-18-4-B	1500	18″	22″	16″	2.75″	21 lbs.	1
1500A-24-4-B	1500	24″	28″	16″	2.75″	30 lbs.	1
1500A-30-4-B	1500	30″	34″	16″	2.75″	34 lbs.	1

VERSI-POLE™

POWER DISTRIBUTION BLOCKS

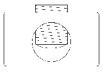
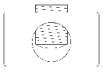
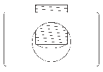
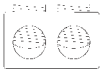
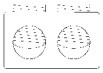
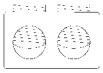
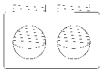
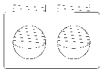
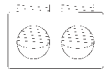
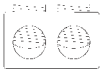
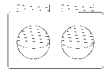
VERSI-POLE™ Power Distribution Blocks are designed to provide modular solutions to power distribution applications. Each connector element is made from a high conductivity aluminum alloy which is insulated with a high strength polymer housing. One, two, and three pole versions available. "Add" a pole (snap-together) blocks are also available for wire sizes up to 500 kcmil. For use with Cu or Al. 600 V, AL9CU rated.

Features and Benefits

- "Add" a pole feature available.
  ◊ Provides capability to create as many poles as required.
- Up to 30 tap conductors accommodated.
  ◊ Ideal for current distribution to multiple locations.
- Single or dual run connections.
  ◊ Allows user to minimize the number of connectors needed to do the job.
- Suitable for use with aluminum or copper conductors.
  ◊ Provides maximum versatility.
- 600 V, AL9CU rated.*
  ◊ Meets or exceeds industry standard requirements.
- Dead-front covers available
  ◊ Provides user protection – one cover per pole.

* BDB-430-500-1 not UL recognized or CSA certified

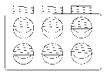
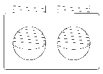
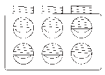
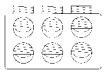
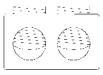
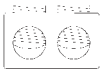
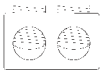
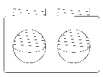
VERSI-POLE™ SNAP-TOGETHER BLOCKS

CATALOG NUMBER	CONNECTOR		RUN WIRE RANGE AL9CU	TAP WIRE RANGE AL9CU	AMPERE RATING PER POLE	NUMBER OF POLES
	RUN	TAP				
BDA-112-350			350 kcmil - 6	4 - 14	350	ADDER
BDA-16-350			350 kcmil - 6	2/0 - 14	350	ADDER
BDA-16-500			500 kcmil - 4	2/0 - 4	430	ADDER
BDA-26-350			350 kcmil - 6	2/0 - 14	700	ADDER
BDA-212-500			500 kcmil - 4	4 - 14	860	ADDER
BDA-26-500			500 kcmil - 4	2/0 - 14	860	ADDER
BDA-24-500			500 kcmil - 4	4/0 - 6	860	ADDER
BDA-11-500			500 kcmil - 4	500 kcmil - 4	430	ADDER
BDA-22-350			350 kcmil - 6	350 kcmil - 6	700	ADDER
BDA-22-500			500 kcmil - 4	500 kcmil - 4	860	ADDER

NOTES:
1. Order Optional BDB COVER1 per pole if desired.
2. Snap-together blocks can also be assembled to 1, 2, 3 pole blocks to create multi-pole distribution blocks.

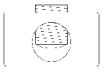
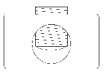
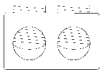
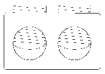
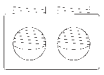
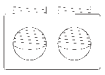
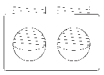
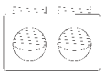
VERSI-POLE™

VERSI-POLE™ 1, 2, 3 POLE DISTRIBUTION BLOCKS

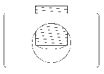
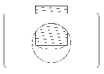
CATALOG NUMBER	CONNECTOR RUN	CONNECTOR TAP	RUN WIRE RANGE AL9CU	TAP WIRE RANGE AL9CU	AMPERE RATING PER POLE	NUMBER OF POLES	OPTIONAL COVER ORDER 1 PER POLE
BDB-16-2/0-1 BDB-16-2/0-2 BDB-16-2/0-3			2/0 - 12	4 - 14	195	1 2 3	BDBCOVER2
BDB-26-2/0-1 BDB-26-2/0-2 BDB-26-2/0-3			2/0 - 14	2 - 14	390	1 2 3	BDBCOVER2
BDB-112-350-1 BDB-112-350-2 BDB-112-350-3			350 kcmil - 6	4 - 14	350	1 2 3	BDBCOVER1
BDB-16-350-1 BDB-16-350-2 BDB-16-350-3			350 kcmil - 6	2/0 - 14	350	1 2 3	BDBCOVER1
BDB-14-500-1 BDB-14-500-2 BDB-14-500-3			500 kcmil - 4	2/0 - 14	430	1 2 3	BDBCOVER2
BDB-16-500-1 BDB-16-500-2 BDB-16-500-3			500 kcmil - 4	2/0 - 14	430	1 2 3	BDBCOVER1
BDB-162-500-1 BDB-162-500-2 BDB-162-500-3			500 kcmil - 4	2 - 14	430	1 2 3	BDBCOVER2
BDB-26-350-1 BDB-26-350-2 BDB-26-350-3			350 kcmil - 6	2/0 - 14	700	1 2 3	BDBCOVER1
BDB-212-500-1 BDB-212-500-2 BDB-212-500-3			500 kcmil - 4	4 - 14	860	1 2 3	BDBCOVER1
BDB-26-500-1 BDB-26-500-2 BDB-26-500-3			500 kcmil - 4	2/0 - 14	860	1 2 3	BDBCOVER1
BDB-24-500-1 BDB-24-500-2 BDB-24-500-3			500 kcmil - 4	4/0 - 6	860	1 2 3	BDBCOVER1

VERSI-POLE™

VERSI-POLE™ 1, 2, 3 SPLICE/REDUCER BLOCKS

CATALOG NUMBER	CONNECTOR RUN	CONNECTOR TAP	RUN WIRE RANGE AL9CU	TAP WIRE RANGE AL9CU	AMPERE RATING PER POLE	NUMBER OF POLES	OPTIONAL COVER ORDER 1 PER POLE
BDB-11-2/0-1 BDB-11-2/0-2 BDB-11-2/0-3			2/0 - 14	2/0 - 14	195	1 2 3	BDBCOVER2
BDB-11-350-1 BDB-11-350-2 BDB-11-350-3			350 kcmil - 6	350 kcmil - 6	350	1 2 3	BDBCOVER2
BDB-11-500-1 BDB-11-500-2 BDB-11-500-3			500 kcmil - 6	500 kcmil - 6	430	1 2 3	BDBCOVER1
BDB-22-2/0-1 BDB-22-2/0-2 BDB-22-2/0-3			2/0 - 14	2/0 - 14	390	1 2 3	BDBCOVER2
BDB-22-350-1 BDB-22-350-2 BDB-22-350-3			350 kcmil - 6	350 kcmil - 6	700	1 2 3	BDBCOVER1
BDB-22-500-1 BDB-22-500-2 BDB-22-500-3			500 kcmil - 4	500 kcmil - 4	860	1 2 3	BDBCOVER1

SNAP TOGETHER SPLICER/REDUCER BLOCKS

CATALOG NUMBER	CONNECTOR RUN	CONNECTOR TAP	RUN WIRE RANGE AL9CU	TAP WIRE RANGE AL9CU	AMPERE RATING PER POLE	NUMBER OF POLES	OPTIONAL COVER ORDER 1 PER POLE
BDC-14-2/0-1			2/0 - 14	4 - 14	195	1	BDBCOVER3
BDA-14-2/0-1			2/0 - 14	4 - 14	195	ADDER	BDBCOVER3
BDC-11-2/0-1			2/0 - 14	2/0 - 14	195	1	BDBCOVER3
BDA-11-2/0-1			2/0 - 14	2/0 - 14	195	ADDER	BDBCOVER3

VERSI-POLE™
(Continued)

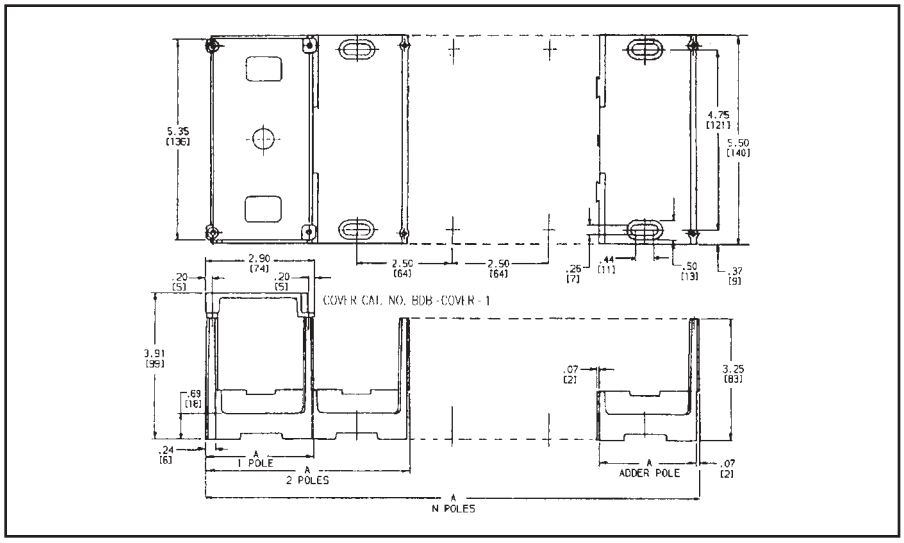
VERSI-POLE™ 1, 2, 3 SPLICE/REDUCER BLOCKS

These tables and illustrations refer to VERSI-POLE™ Power Distribution Blocks listed on pages A-48 through A-50.

THE FIGURE TO THE LOWER RIGHT IS APPLICABLE TO THE FOLLOWING:			
Catalog Number	**Number of Poles**	**Catalog Number**	**Number of Poles**
BDA-11-500	1 (adder)	**BDB-16-500-3**	3
BDA-112-350	1 (adder)	**BDB-212-500-1**	1
BDA-16-350	1 (adder)	**BDB-212-500-2**	2
BDA-16-500	1 (adder)	**BDB-212-500-3**	3
BDA-212-500	1 (adder)	**BDB-22-350-1**	1
BDA-22-350	1 (adder)	**BDB-22-350-2**	2
BDA-22-500	1 (adder)	**BDB-22-350-3**	3
BDA-24-500	1 (adder)	**BDB-22-500-1**	1
BDA-26-350	1 (adder)	**BDB-22-500-2**	2
BDA-26-500	1 (adder)	**BDB-22-500-3**	3
BDB-11-500-1	1	**BDB-24-500-1**	1
BDB-11-500-2	2	**BDB-24-500-2**	2
BDB-11-500-3	3	**BDB-24-500-3**	3
BDB-112-350-1	1	**BDB-26-350-1**	1
BDB-112-350-2	2	**BDB-26-350-2**	2
BDB-112-350-3	3	**BDB-26-350-3**	3
BDB-16-350-1	1	**BDB-26-500-1**	1
BDB-16-350-2	2	**BDB-26-500-2**	2
BDB-16-350-3	3	**BDB-26-500-3**	3
BDB-16-500-1	1	**BDB-430-500-1**	1
BDB-16-500-2	2		

NO. OF POLES	DIMENSIONS A INCHES
Adder	2.50
1	2.81
2	5.31
3	7.81
N	(2.50 X N) + .31

Example for 10 poles:
A = (2.50 X 10) + .31 = 25

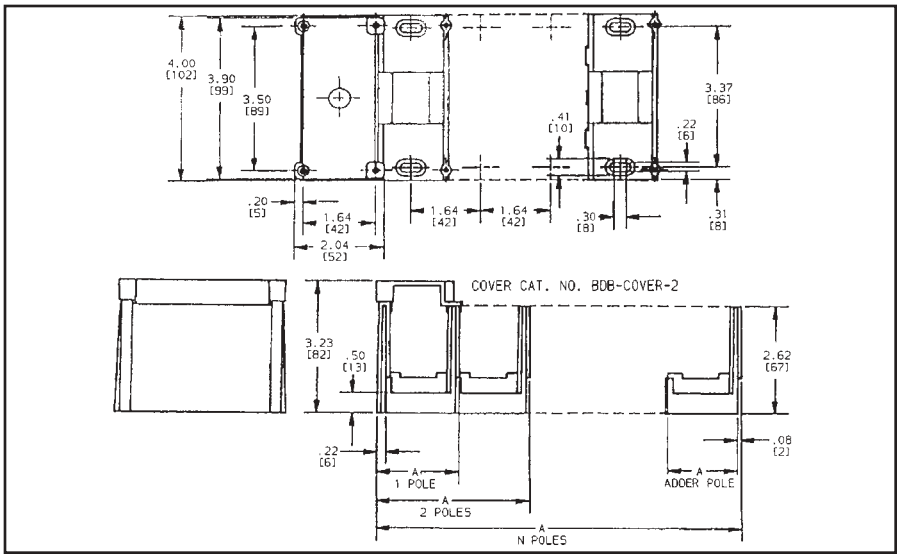


VERSI-POLE™
(Continued)

VERSI-POLE™ 1, 2, 3 SPLICE/REDUCER BLOCKS

These tables and illustrations refer to VERSI-POLE™ Power Distribution Blocks listed on pages A-48 through A-50.

THE FIGURE TO THE RIGHT IS APPLICABLE TO THE FOLLOWING:	
Catalog Number	**Number of Poles**
BDB-11-2/0-1	1
BDB-11-2/0-2	2
BDB-11-2/0-3	3
BDB-11-350-1	1
BDB-11-350-2	2
BDB-11-350-3	3
BDB-14-500-1	1
BDB-14-500-2	2
BDB-14-500-3	3
BDB-16-2/0-1	1
BDB-16-2/0-2	2
BDB-16-2/0-3	3
BDB-162-500-1	1
BDB-162-500-2	2
BDB-162-500-3	3
BDB-22-2/0-1	1
BDB-22-2/0-2	2
BDB-22-2/0-3	3
BDB-26-2/0-1	1
BDB-26-2/0-2	2
BDB-26-2/0-3	3



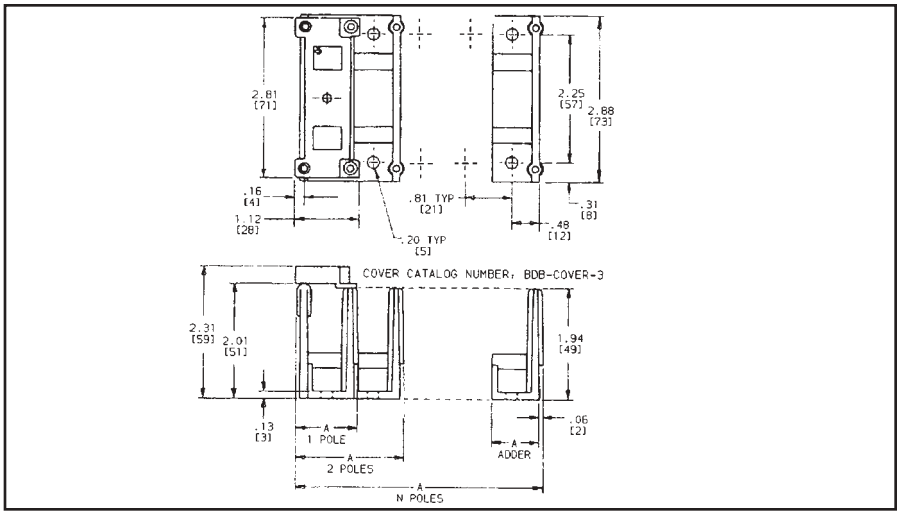
NO. OF POLES	DIMENSIONS A INCHES
Adder	1.64
1	1.94
2	3.57
3	5.20
N	(1.64 X N) + .30

Example for 10 poles:
A = (1.64 X 10) + .30 = 16.20

APPLICABLE VERSI-POLE™ ITEMS	
Catalog Number	**Number of Poles**
BDA-14-2/0-1	1 (adder)
BDC-14-2/0-1	1
BDA-11-2/0-1	1 (adder)
BDC-11-2/0-1	1

NO. OF POLES	DIMENSIONS A INCHES
Adder	.81
1	1.08
2	1.89
3	2.70
N	(.81 X N) + .27

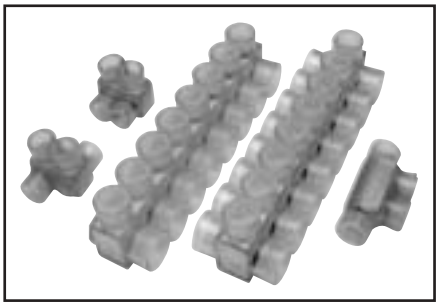
Example for 10 poles:
A = (.81 X 10) + .27 = 8.37



BURNDY UNITAP™

CLEAR INSULATED MULTIPLE TAP CONNECTORS

Tap connections and in-line splice/reductions are made quickly and easily with the UNITAP™ line of connectors. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Features and Benefits

- Clear Plastisol covered AL6061-T6 aluminum body.
  - ◊ Saves time, lowers installation costs, eliminates taping.
- Clear Plastisol.
  - ◊ Allows visual confirmation that conductor is properly inserted.
- Oxide inhibitor pre-installed.
  - ◊ Inhibits moisture and contaminants from entering the contact area.
- Range-taking.
  - ◊ Reduces number of connectors carried in inventory.

2 PORT 1 or 2 Sided Entry

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key	Fig. No.
BIT4	2	#14 - #4	1.16	1.16	1.25	1/8	1
BITO4	2	#14 - #4	1.16	1.50	1.25	1/8	2
BIT2/0	2	#14 - 2/0	1.52	1.40	1.38	3/16	1
BITO2/0	2	#14 - 2/0	1.52	1.56	1.38	3/16	2
BIT250	2	#10 - 250	2.03	2.07	2.13	5/16	1
BITO250	2	#10 - 250	2.03	2.64	2.13	5/16	2
BIT350	2	#10 - 350	2.22	2.32	2.50	5/16	1
BITO350	2	#10 - 350	2.22	3.00	2.50	5/16	2
BIT600	2	#4 - 600	2.72	2.38	2.75	3/8	1
BITO600	2	#4 - 600	2.72	3.00	2.75	3/8	2
BIT750*	2	#2 - 750	2.87	2.70	3.00	3/8	1
BITO750*	2	#2 - 750	2.87	3.38	3.00	3/8	2

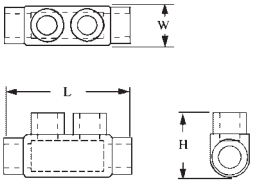
* Not UL Listed

Fig. 1

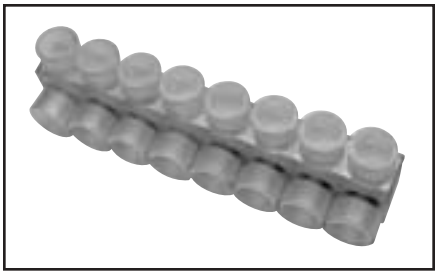
Fig. 2

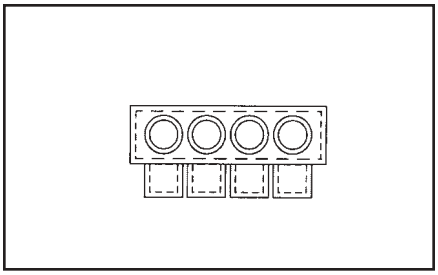
IN-LINE SPLICER/REDUCER

Catalog Number	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BISR2	#14 - 2	2.38	0.75	1.22	5/32
BISR1/0	#14 - 1/0	2.91	0.91	1.38	3/16
BISR250	#6 - 250	4.01	1.19	2.10	5/16
BISR350	#6 - 350	4.63	1.34	2.35	5/16
BISR500	#2 - 500	5.00	1.62	2.62	3/8



BURNDY UNITAP™





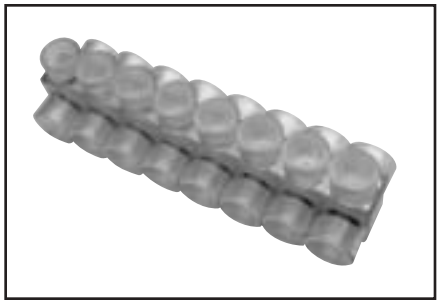
MULTI-PORT
Single-Sided Entry

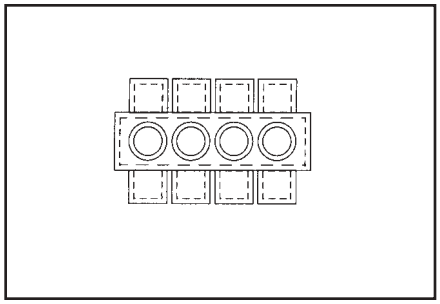
Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBS4-3	3	#14 - 4	1.59	1.25	1.25	1/8
BIBS4-4	4	#14 - 4	2.03	1.25	1.25	1/8
BIBS4-5	5	#14 - 4	2.47	1.25	1.25	1/8
BIBS4-6	6	#14 - 4	2.91	1.25	1.25	1/8
BIBS4-8	8	#14 - 4	3.78	1.25	1.25	1/8
BIBS2/0-3	3	#14 - 2/0	2.19	1.31	1.38	3/16
BIBS2/0-4	4	#14 - 2/0	2.86	1.31	1.38	3/16
BIBS2/0-5	5	#14 - 2/0	3.53	1.31	1.38	3/16
BIBS2/0-6	6	#14 - 2/0	4.20	1.31	1.38	3/16
BIBS2/0-8	8	#14 - 2/0	5.55	1.31	1.38	3/16
BIBS2/0-10	10	#14 - 2/0	6.89	1.31	1.38	3/16
BIBS2/0-12	12	#14 - 2/0	8.24	1.31	1.38	3/16
BIBS2/0-14	14	#14 - 2/0	9.58	1.31	1.38	3/16
BIBS250-3	3	#10 - 250	2.97	2.07	2.13	5/16
BIBS250-4	4	#10 - 250	3.91	2.07	2.13	5/16
BIBS250-5	5	#10 - 250	4.84	2.07	2.13	5/16
BIBS250-6	6	#10 - 250	5.78	2..07	2.13	5/16
BIBS250-8	8	#10 - 250	7.66	2.07	2.13	5/16
BIBS250-10	10	#10 - 250	9.53	2.07	2.13	5/16
BIBS250-12	12	#10 - 250	11.41	2.07	2.13	5/16
BIBS250-14	14	#10 - 250	13.29	2.07	2.13	5/16
BIBS350-3	3	#10 - 350	3.13	2.32	2.50	5/16

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBS350-4	4	#10 - 350	4.04	2.32	2.50	5/16
BIBS350-5	5	#10 - 350	4.95	2.32	2.50	5/16
BIBS350-6	6	#10 - 350	5.86	2.32	2.50	5/16
BIBS350-8	8	#10 - 350	7.68	2.32	2.50	5/16
BIBS350-10	10	#10 - 350	9.50	2.32	2.50	5/16
BIBS350-12	12	#10 - 350	11.32	2.32	2.50	5/16
BIBS350-14	14	#10 - 350	13.14	2.32	2.50	5/16
BIBS600-3	3	#4 - 600	4.00	2.38	2.75	3/8
BIBS600-4	4	#4 - 600	5.28	2.38	2.75	3/8
BIBS600-5	5	#4 - 600	6.56	2.38	2.75	3/8
BIBS600-6	6	#4 - 600	7.84	2.38	2.75	3/8
BIBS600-8	8	#4 - 600	10.41	2.38	2.75	3/8
BIBS600-10	10	#4 - 600	12.97	2.38	2.75	3/8
BIBS600-12	12	#4 - 600	15.53	2.38	2.75	3/8
BIBS600-14	14	#4 - 600	18.09	2.38	2.75	3/8
BIBS750-3*	3	#2 - 750	4.25	2.70	3.00	3/8
BIBS750-4*	4	#2 - 750	5.63	2.70	3.00	3/8
BIBS750-6*	6	#2 - 750	8.37	2.70	3.00	3/8
BIBS750-8*	8	#2 - 750	11.13	2.70	3.00	3/8
BIBS750-10*	10	#2 - 750	13.87	2.70	3.00	3/8
BIBS750-12*	12	#2 - 750	16.63	2.70	3.00	3/8
BIBS750-14*	14	#2 - 750	19.37	2.70	3.00	3/8

* Not UL Listed

BURNDY UNITAP™





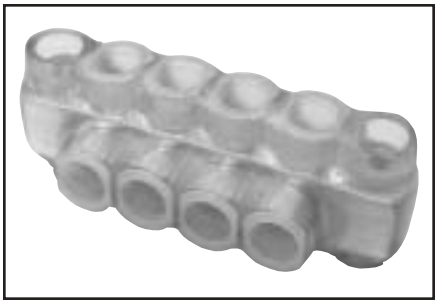
MULTI-PORT
Double-Sided Entry

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBD4-2	2	#14 - #4	1.16	1.50	1.25	1/8
BIBD4-3	3	#14 - #4	1.59	1.50	1.25	1/8
BIBD4-4	4	#14 - #4	2.03	1.50	1.25	1/8
BIBD4-5	5	#14 - #4	2.47	1.50	1.25	1/8
BIBD4-6	6	#14 - #4	2.91	1.50	1.25	1/8
BIBD4-8	8	#14 - #4	3.78	1.50	1.25	1/8
BIBD2/0-2	2	#14 - 2/0	1.52	1.56	1.25	3/16
BIBD2/0-3	3	#14 - 2/0	2.19	1.56	1.25	3/16
BIBD2/0-4	4	#14 - 2/0	2.86	1.56	1.25	3/16
BIBD2/0-5	5	#14 - 2/0	3.53	1.56	1.25	3/16
BIBD2/0-6	6	#14 - 2/0	4.20	1.56	1.25	3/16
BIBD2/0-8	8	#14 - 2/0	5.55	1.56	1.25	3/16
BIBD2/0-10	10	#14 - 2/0	6.89	1.56	1.25	3/16
BIBD2/0-12	12	#14 - 2/0	8.24	1.56	1.25	3/16
BIBD2/0-14	14	#14 - 2/0	9.58	1.56	1.25	3/16
BIBD250-2	2	#10 - 250	2.03	2.64	2.13	5/16
BIBD250-3	3	#10 - 250	2.97	2.64	2.13	5/16
BIBD250-4	4	#10 - 250	3.91	2.64	2.13	5/16
BIBD250-5	5	#10 - 250	4.84	2.64	2.13	5/16
BIBD250-6	6	#10 - 250	5.78	2.64	2.13	5/16
BIBD250-8	8	#10 - 250	7.66	2.64	2.13	5/16
BIBD250-10	10	#10 - 250	9.53	2.64	2.13	5/16
BIBD250-12	12	#10 - 250	11.41	2.64	2.13	5/16
BIBD250-14	14	#10 - 250	13.29	2.64	2.13	5/16
BIBD350-2	2	#10 - 350	2.22	3.00	2.50	5/16
BIBD350-3	3	#10 - 350	3.13	3.00	2.50	5/16
BIBD350-4	4	#10 - 350	4.04	3.00	2.50	5/16
BIBD350-5	5	#10 - 350	4.95	3.00	2.50	5/16
BIBD350-6	6	#10 - 350	5.86	3.00	2.50	5/16
BIBD350-8	8	#10 - 350	7.68	3.00	2.50	5/16
BIBD350-10	10	#10 - 350	9.50	3.00	2.50	5/16
BIBD350-12	12	#10 - 350	11.32	3.00	2.50	5/16
BIBD350-14	14	#10 - 350	13.14	3.00	2.50	5/16
BIBD600-2	2	#4 - 600	2.56	3.00	2.75	3/8
BIBD600-3	3	#4 - 600	3.77	3.00	2.75	3/8
BIBD600-4	4	#4 - 600	4.97	3.00	2.75	3/8
BIBD600-5	5	#4 - 600	6.17	3.00	2.75	3/8
BIBD600-6	6	#4 - 600	7.37	3.00	2.75	3/8
BIBD600-8	8	#4 - 600	9.78	3.00	2.75	3/8
BIBD600-10	10	#4 - 600	12.97	3.00	2.75	3/8
BIBD600-12	12	#4 - 600	15.53	3.00	2.75	3/8
BIBD600-14	14	#4 - 600	18.09	3.00	2.75	3/8
BIBD750-2*	2	#2 - 750	2.87	3.38	3.00	3/8
BIBD750-3*	3	#2 - 750	4.25	3.38	3.00	3/8
BIBD750-4*	4	#2 - 750	5.63	3.38	3.00	3/8
BIBD750-6*	6	#2 - 750	8.37	3.38	3.00	3/8
BIBD750-8*	8	#2 - 750	11.13	3.38	3.00	3/8
BIBD750-10*	10	#2 - 750	13.87	3.38	3.00	3/8
BIBD750-12*	12	#2 - 750	16.63	3.38	3.00	3/8
BIBD750-14*	14	#2 - 750	19.37	3.38	3.00	3/8

NOTE: Only 1 conductor per port allowed.
* Not UL Listed

BURNDY UNITAP™

CLEAR INSULATED MULTIPLE TAP CONNECTORS



MOUNTING VERSION

TYPE BIBS-MT, BIBD-MT

The BIBS-MT and BIBD-MT series UNITAP™ offer the same multi-port capabilities as the standard UNITAP™ connectors except these -MT types are provided with two isolated mounting holes at both ends of the connector for direct mounting to a trough, gutter or wireway. They will accommodate up to standard 1/4″ hardware.

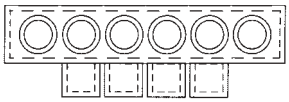


Fig. 1

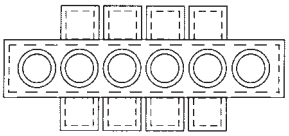


Fig. 2

MULTI-PORT Single-Sided Entry

Catalog Number	Fig #	# of Ports	Wire Range (AWG/Kcmil)	L	W	H	Hex Key
BIBS2/04MT	1	4	#14-2/0	3.95	1.31	1.38	3/16
BIBS2/06MT	1	6	#14-2/0	5.29	1.31	1.38	3/16
BIBS2/08MT	1	8	#14-2/0	6.64	1.31	1.38	3/16
BIBS2/010MT	1	10	#14-2/0	7.98	1.31	1.38	3/16
BIBS2/012MT	1	12	#14-2/0	9.33	1.31	1.38	3/16
BIBS2504MT	1	4	#10-250	5.53	2.07	2.13	5/16
BIBS2506MT	1	6	#10-250	7.40	2.07	2.13	5/16
BIBS2508MT	1	8	#10-250	9.28	2.07	2.13	5/16
BIBS25010MT	1	10	#10-250	11.16	2.07	2.13	5/16
BIBS25012MT	1	12	#10-250	13.03	2.07	2.13	5/16
BIBS3504MT	1	4	#10-350	5.61	2.32	2.50	5/16
BIBS3506MT	1	6	#10-350	7.43	2.32	2.50	5/16
BIBS3508MT	1	8	#10-350	9.25	2.32	2.50	5/16
BIBS35010MT	1	10	#10-350	11.07	2.32	2.50	5/16
BIBS35012MT	1	12	#10-350	12.89	2.32	2.50	5/16
BIBS6004MT	1	4	#4-600	7.59	2.38	2.75	3/8
BIBS6006MT	1	6	#4-600	10.16	2.38	2.75	3/8
BIBS6008MT	1	8	#4-600	12.72	2.38	2.75	3/8
BIBS60010MT	1	10	#4-600	15.28	2.38	2.75	3/8
BIBS60012MT	1	12	#4-600	17.84	2.38	2.75	3/8

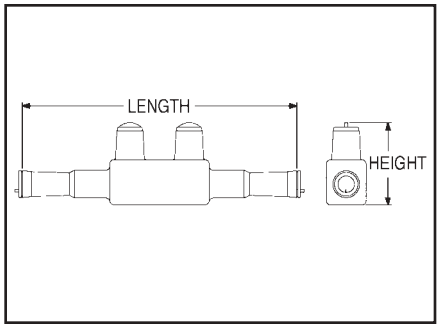
MULTI-PORT Double-Sided Entry

Catalog Number	Fig #	# of Ports	Wire Range (AWG/Kcmil)	L	W	H	Hex Key
BIBD2/04MT	2	4	#14-2/0	3.95	1.56	1.38	3/16
BIBD2/06MT	2	6	#14-2/0	5.29	1.56	1.38	3/16
BIBD2/08MT	2	8	#14-2/0	6.64	1.56	1.38	3/16
BIBD2/010MT	2	10	#14-2/0	7.98	1.56	1.38	3/16
BIBD2/012MT	2	12	#14-2/0	9.33	1.56	1.38	3/16
BIBD2504MT	2	4	#10-250	5.53	2.64	2.13	5/16
BIBD2506MT	2	6	#10-250	7.40	2.64	2.13	5/16
BIBD2508MT	2	8	#10-250	9.28	2.64	2.13	5/16
BIBD25010MT	2	10	#10-250	11.16	2.64	2.13	5/16
BIBD25012MT	2	12	#10-250	13.03	2.64	2.13	5/16
BIBD3504MT	2	4	#10-350	5.61	3.00	2.50	5/16
BIBD3506MT	2	6	#10-350	7.43	3.00	2.50	5/16
BIBD3508MT	2	8	#10-350	9.25	3.00	2.50	5/16
BIBD35010MT	2	10	#10-350	11.07	3.00	2.50	5/16
BIBD35012MT	2	12	#10-350	12.89	3.00	2.50	5/16
BIBD6004MT	2	4	#4-600	7.59	3.00	2.75	3/8
BIBD6006MT	2	6	#4-600	10.16	3.00	2.75	3/8
BIBD6008MT	2	8	#4-600	12.72	3.00	2.75	3/8
BIBD60010MT	2	10	#4-600	15.28	3.00	2.75	3/8
BIBD60012MT	2	12	#4-600	17.84	3.00	2.75	3/8

TYPE UGS350ULDB

IN-LINE SPLICE/REDUCER

For Direct Burial



Features and 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.

CATALOG NUMBER	WIRE RANGE	LENGTH In. [mm]	HEIGHT In. [mm]	HEX SIZE	TORQUE (In. Lbs.)
UGS350ULDB	10 AWG - 350 kcmil	8.50 [216]	2.81 [71.4]	5/16″	350

Dimensions in brackets [ ] are in millimeters.