TYPES KA-U, KKA-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors

AL9CU

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

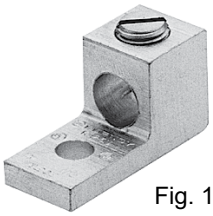


Fig. 1

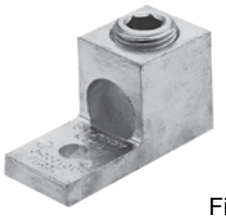


Fig. 2

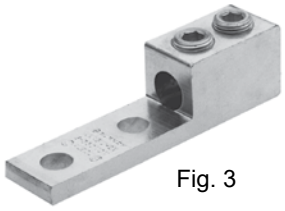


Fig. 3

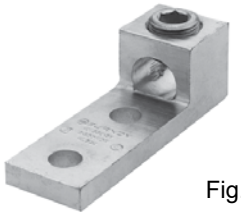


Fig. 4

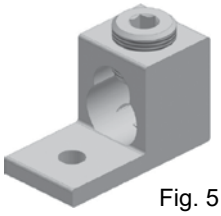
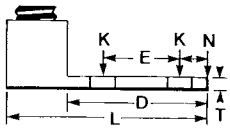
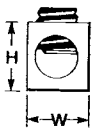


Fig. 5





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

* "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.
† Figure 5 keyhole style with 2 hole pad.
** Maximum dimension.

TYPE K2A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors
(Two Conductors)

AL9CU

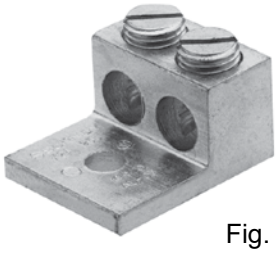


Fig. 1

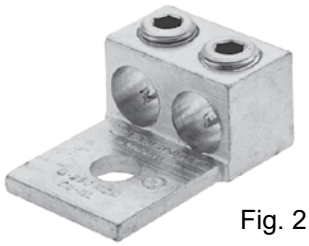
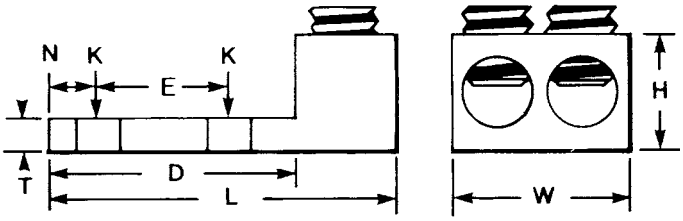


Fig. 2

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



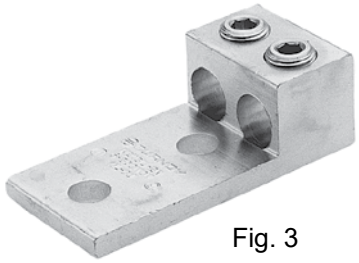


Fig. 3

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

* "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated.
Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.
** Maximum dimension.

TYPES K3A-U, KK3A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors
(Three Conductor)

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

AL9CU


Fig. 1

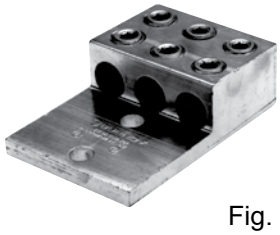


Fig. 2


Fig. 3

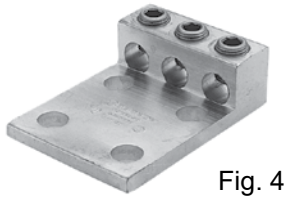
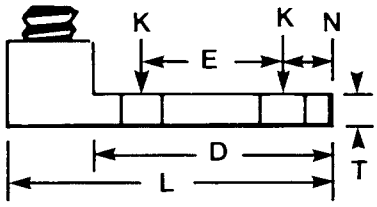
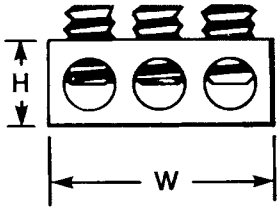


Fig. 4





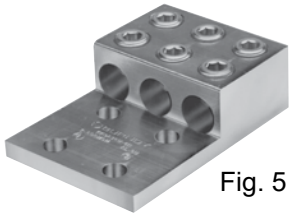


Fig. 5

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

* Slotted screw.

** 'N" indicates NEMA standard stud holes.

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

↝ All 4N items see note LIGHTNING PROTECTION INFO.

TYPES K4A-U, KK4A-U

UNIVERSAL TERMINAL

Aluminum and Copper Conductors
(Four Conductors)

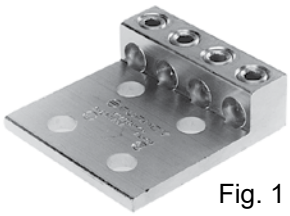


Fig. 1

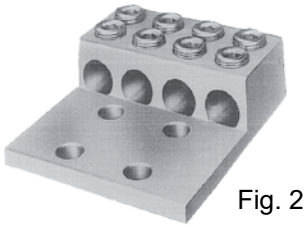
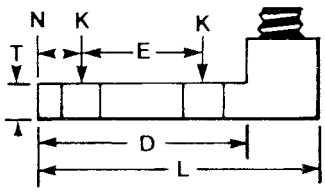
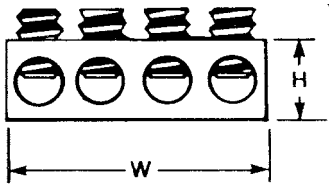


Fig. 2

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

AL9CU





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

* "N" indicates NEMA standard stud holes.

All 4N items see note LIGHTNING PROTECTION INFO.

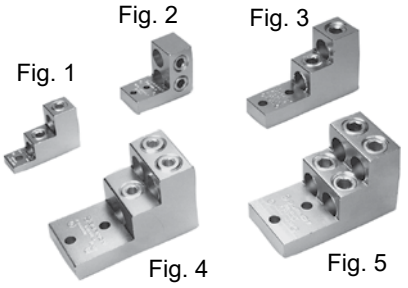
TYPES K11A-U, K21A-U, K22A-U

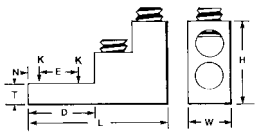
UNIVERSAL TERMINAL

Aluminum and Copper Conductors

AL9CU

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





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

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

TYPE K-A-U2N

UNIVERSAL TERMINAL

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

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

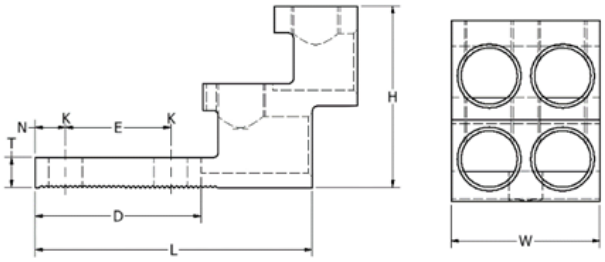
Fig. 1

Fig. 2

Fig. 3

Features & Benefits

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



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

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

UNIVERSAL TERMINALS

Aluminum and Copper Conductors
(Six and Eight Conductors)

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

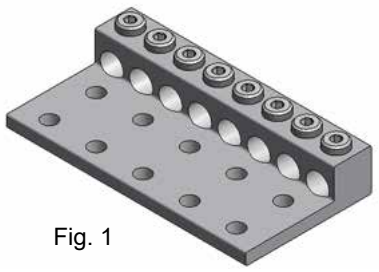
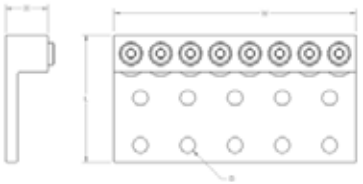


Fig. 1



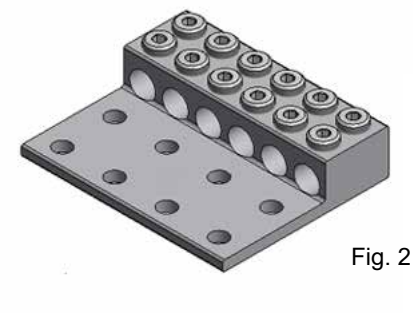
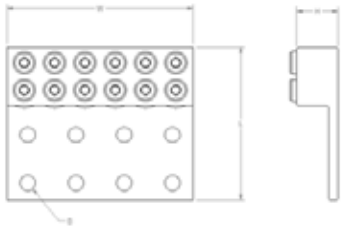


Fig. 2



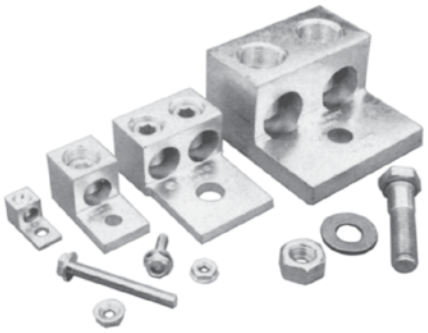
Catalog Number	Fig. No.	No. of Conductors	No. of Mtg Holes	Wire Range Aluminum or Copper	Stud Hole Size	Depth	Width	Height	Rec. Tightening Torque in-lb ♦
K6A34U8	1	6	8	10 AWG - 500 kcmil	9/16	4.63	6.75	1.56	375
K8A34U10	1	8	10	10 AWG - 500 kcmil	9/16	4.63	8.75	1.56	375
KK6A31U8	2	6	8	12 AWG - 350 kcmil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

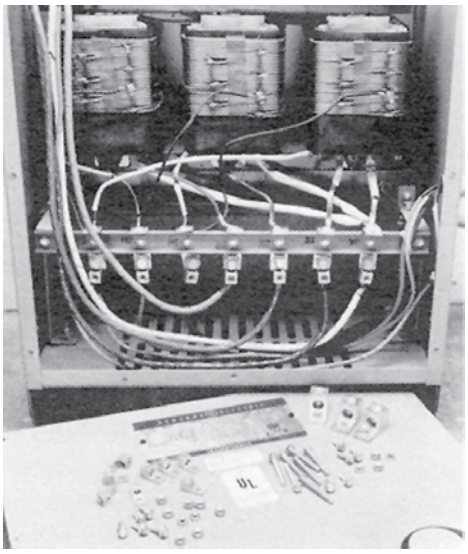
♦ Listed torque values are for maximum conductor sizes accommodated.
Consult UL486 Tables 7-4, 7-5, & 7-6 for smaller conductor sizes

TYPE KAU-KIT

TRANSFORMER LUG KIT

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





Features & Benefits

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

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

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