



INSTALLATION INSTRUCTIONS

ALUMINUM CONNECTORS

SERIES: AL, AL-N, AL-NT, ASC-T

Select proper lug or splice connector for the size of cable being installed, making sure that the size matches the description in the table below.

- Carefully strip the insulation from the conductor without nicking the strands to a length so that the stripped conductor can be completely inserted into and fill up the barrel of the lug or splice.
- Wire brush the stripped portion of the conductor to remove any oxide films.
- The stripped portion of the conductor must be clean and inserted completely into the connector barrel.
- The number of crimps is per side for a splice connector.

NOTES:

- For use with concentric, compressed or compact conductors.
- Barrel markings represent the manufacturer's suggested crimp locations when using N12ID & N1240 tools.
- NSI's N12ID (Dieless) Crimp tool offers range taking capability.



ALUMINUM COMPRESSION CHART

CERTIFIED UL APPROVED TOOLS & DIES (#) INDICATES NUMBER OF CRIMPS							
WIRE RANGE	COLOR	STRIP LENGTHS (IN)		NSI		GREENLEE	BURNDY
		SERIES: ASC-T	SERIES: AL, AL-N, AL-NT	EXPANDED WIRE RANGE: NSI N12ID DIELESS ONLY	N1240 SERIES	EK/RK / HK1240 SERIES	Y-35, Y750 PAT 750
8 AWG	BLUE	3/4	5/8	8 AWG (1)	KA12-8 (1)	KA12-8 (1)	U8CABT (2)
6 AWG	GREY	7/8	15/16	6-8 AWG (1)	KA12-6 (2)	KA12-6 (2)	U6CABT (2)
4 AWG	GREEN	1 1/16	1 3/16	4-6 AWG (1)	KA12-4 (2)	KA12-4 (2)	U4CABT (2)
2 AWG	PINK	1 1/4	1 1/4	2-6 AWG (1)	KA12-2 (2)	KA12-2 (2)	U2CABT (2)
1 AWG	YELLOW	1 1/4	1 1/4	1-6 AWG (1)	KA12-1 (2)	KA12-1 (2)	U1CART (2)
1/0 AWG	TAN	1 5/16	1 1/4	1/0-6 AWG (1)	KA12-1/0 (2)	KA12-1/0 (2)	U25ART (2)
2/0 AWG	OLIVE	1 3/8	1 3/8	2/0-4 AWG (1)	KA12-2/0 (2)	KA12-2/0 (2)	U26ART (2)
3/0 AWG	RUBY	1 1/2	1 7/16	3/0-2 AWG (1)	KA12-3/0 (2)	KA12-3/0 (2)	U27ART (2)
4/0 AWG	WHITE	1 5/8	1 7/16	4/0-1 AWG (1)	KA12-4/0 (2)	KA12-4/0 (2)	U28ART (2)
250 MCM	RED	1 11/16	1 9/16	250 MCM-1/0 AWG (1)	KA12-250 (2)	KA12-250 (2)	U29ART (2)
300 MCM	BLUE	1 11/16	1 11/16	300 MCM-2/0 AWG (1)	KA12-300 (2)	KA12-300 (2)	U30ART (2)
350 MCM	BROWN	2	1 15/16	350 MCM-3/0 AWG (1)	KA12-350 (2)	KA12-350 (2)	U31ART (2)
400 MCM	GREEN	2 1/2	2 3/8	400 MCM-4/0 AWG (1)	KA12-400 (2)	KA12-400 (2)	U32ART (2)
500 MCM	PINK	2 9/16	2 9/16	500-250 MCM (1)	KA12-500 (2)	KA12-500 (2)	U34ART (2)
600 MCM	BLACK	2 5/8	2 11/16	600-250 MCM (1)	KA12-600 (2)	KA12-600 (2)	U36ART (2)
750 MCM	RED	2 3/4	3 1/4	750-500 MCM (1)	KA12-750 (2)	KA12-750 (2)	U39ART-2 (2)
1000 MCM*	BROWN	3 1/16	3 11/16	1000 - 750MCM (1)	-	-	-

*1000 MCM Connectors require 15 Ton Tools

