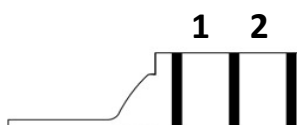


ALUMINUM COMPRESSION CONNECTOR INSTALLATION

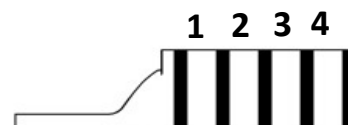
1. Use a connector marked for the wire size and wire material to be used. NEVER use a copper connector on aluminum wire.
2. Strip wire insulation to approximate length shown on tool chart. DO NOT nick or ring the conductor strands.
3. Wire brush the stripped wire to remove oxide film.
4. Insert stripped wire into connector until the wire stops.
5. Using installation tooling shown on tool chart, insert connector in die and place crimps evenly spaced in crimp zone defined by two color bands on barrel or if connector is marked with knurl markings, use these markings as a guide to evenly space crimps on barrel of connector. Remove excess joint compound from the wire insulation. While holding the wire into the lug firmly, crimp the lug starting on the tongue end and work towards wire entry end of connector. See images below for details. IMAGES BELOW DEPICT CRIMP ZONES, AND SERVE AS A GENERAL GUIDELINE FOR THE CRIMP AREA. REQUIRED NUMBER OF CRIMPS SHOWN ON TOOL CHART IN () ON PAGE 2 BASED ON TOOL AND DIE COMBINATION USED.



OF CRIMP ZONES: 1



OF CRIMP ZONES: 2



OF CRIMP ZONES: 4

6. After crimping, inspect for sharp edges, flash or burrs and remove if present.

HEAT SHRINK INSULATION INSTRUCTION

1. Refer to Panduit catalog or www.panduit.com for heat shrink material information, tubing size, voltage rating, and shrink temperature.
2. Cut tubing to length allowing insulation coverage as desired. Allow a minimum of 1-1/2" inch overlap on wire insulation.
3. Shrink with a standard propane torch or heat gun. MOVING FROM CRIMPED PORTION OF CONNECTOR TOWARD INSULATED WIRE. Adhesive flow at ends indicate shrinkage complete.

WASHER INSTALLATION - ALUMINUM LUGS

1. To ensure a secure bolt connection, best practices requires the use of Belleville spring washers, like Panduit Type CW washers.
2. Wire brush unplated mounting surfaces and hardware to remove oxidation and coat these surfaces with anti-oxidation compound like Panduit CMP-100.
3. Tighten the bolt to the recommended torque requirement.

ALUMINUM COMPRESSION CONNECTOR INSTALLATION

Panduit Part Number	Wire Manufacturer Name	Wire Size - mm ²	Wire Strip Length		A See Tool List Below			B	C	D	E
			(in)	(mm)				See Tool List Below	See Tool List Below	See Tool List Below	See Tool List Below
					Die Part Number Color Code & Die Index Number (Number of Crimps)		CT-2920/CCP CT-920CH/CCP UA12ID Indenter Die			See Uni-Die™ Dieless Tools Below	
Panduit	Burndy	Panduit	Panduit	Burndy	Panduit	Panduit					
LAAM38U	Furukawa	38	1 3/8	35.4	CD-920-1/0 Pink P42 (2)	U163 Pink 348 (1)	STD (1)	---	U163 Pink 348 (1)	STD (1)	STD (1)
LAAM58	Sumitomo	58	1 5/8	41.8	CD-920-3/0 TAN P50 (2)	---	STD (1)	---	---	STD (2)	STD (1)
LAAM60B	Furukawa	60	1 5/8	41.8	CD-920-3/0 Tan P50 (2)	U25ART Tan 296 (1)	STD (1)	---	U25ART Tan 296 (1)	STD (2)	STD (1)
LAAM100U	Furukawa	100	1 7/8	48.1	CD-920-300 WHITE P66 (2)	U28ART White 298 (2)	STD (1)	---	U28ART White 298 (2)	STD (2)	STD (1)
LAAM150U	Furukawa	150	2 5/8	67.2	CD-920-400 BLUE P76 (2)	U30ART Blue 470 (2)	STD (1)	---	U30ART Blue 470 (2)	STD (2)	STD (1)
LAAM200B	Furukawa	200	2 5/8	67.2	CD-920-500 Brown P87 (2)	U31ART Brown 299 (2)	STD (1)	---	U31ART Brown 299 (2)	STD (2)	STD (1)
LAAM250U	Furukawa	250	3 3/8	86.2	CD-920-500A PINK P99 (4)	U34ART Pink 300 (4)	STD (1)	---	U34ART Pink 300 (4)	STD (3)	---
LAAM325U	Furukawa	325	3 3/8	86.2	CD-920-750 BLACK P106 (4)	U36ART Black 473 (4)	STD (2)	CD-940-750 BLACK P106 (4)	U36ART Black 473 (4)	---	---
LAAM400B	Furukawa	400	3 3/4	95.9	---	U39ART-2 Yellow 936 (4)	---	---	U39ART-2 Yellow 936 (4)	---	---

①CD-920 dies can be used with CT-2940 & CT-940CH tools with CD-940-DA die adapter

A CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH, CT-940CH①, CT-2920, CT-2920CCP, CT-2920CCPINT, CT-2920CCPUK, CT-2920CCPAUS, CT-2920CCPPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940①, CT-2940/L①, CT-2940/LE①, CT-2940/ST①, CT-2940/STINT①, CT-2940/STUK①, CT-2940/STAUS①, CT-2940/TO①

B CT-940CH, CT-2940, CT-2940/L, CT-2940/LE, CT-2940/ST, CT-2940/STINT, CT-2940/STUK, CT-2940STAUS, CT-2940/TO

C Burndy PAT750

D CT-980, CT-980CH, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981.

E CT-3980