PANDUIT

COPPER COMPRESSION CONNECTORS

61-PC

COPPER COMPRESSION CONNECTOR INSTALLATION

1. Use a connector marked for the wire size and wire material to be used. NEVER use a copper conductor on aluminum wire.

2. Strip wire insulation to approximate length shown on tool chart. DO NOT nick or ring the conductor strands.

3. Clean the wire.

4. Insert stripped wire into connector until the wire stops.

5. Using installation tooling shown on other side, insert connector in die and crimp between color bands or knurl markings. REQUIRED NUMBER OF COMPRESSIONS SHOWN IN ( ).

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

HEAT SHRINK INSULATION INSTRUCTION

1. Refer to catalog for tubing size.

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.

UL LISTED 587H   CSA CERTIFIED

Tool Chart for Compression Connectors
Type LCBH, LCCH, and SCH with Copper Cable

PANDUIT PART NUMBER LUG SPLICE	STUD WIRE SIZE	WIRE STRIP LENGTH (in.)	DIE INDEX NUMBER OR COLOR (NO. OF COMPRESSIONS PER WIRE)					
			CT-700 (Obsolete)	CT-1700	CT-720	CT-2940** CT-940CH** CT-2920 CT-930, CT-930CH CT-920, CT-920CH CT-2930, CT-2931	UNI-DIE™ DIELESS TOOLS CT-980 CT-980CH CT-2950* CT-2980 CT-2981	CT-2001 CT-3001 CT-2002
LCBH6 SCH6	6 AWG	1-1/4 15/16	CD-700-8-2 BLUE P24 (3)	BLUE P24 (3)	CD-720-1 BLUE P24 (2)	CD-920-6 BLUE P24 (1)	------	CD-2001-6 BLUE P24 (2)
LCBH4 SCH4	4 AWG	1-1/8 15/16	CD-700-8-2 GRAY P29 (3)	GRAY P29 (3)	CD-720-1 GRAY P29 (2)	CD-920-4 GRAY P29 (1)	STD (1)	CD-2001-4 GRAY P29 (2)
LCBH2 SCH2	2 AWG	1-1/4 1	CD-700-8-2 BROWN P33 (3)	BROWN P33 (3)	CD-720-1 BROWN P33 (2)	CD-920-2 BROWN P33 (1)	STD (1)	CD-2001-2 BROWN P33 (2)
LCBH1 SCH1	1 AWG	1-7/16 1	CD-700-1-1/0 GREEN P37 (3)	GREEN P37 (3)	CD-720-2 GREEN P37 (2)	CD-920-1 GREEN P37 (1)	STD (1)	CD-2001-1 GREEN P37 (2)
LCBH1/0, LCCH1/0 SCH1/0	1/0 AWG	1-1/2 1	CD-700-1-1/0 PINK P42 (3)	------	CD-720-2 PINK P42 (2)	CD-920-1/0 PINK P42 (2)	STD (2)	CD-2001-1/0 PINK P42 (2)
LCBH2/0, LCCH2/0 SCH2/0	2/0 AWG	1-5/8 1-1/16	------	------	CD-720-2 BLACK P45 (3)	CD-920-2/0 BLACK P45 (3)	STD (2)	CD-2001-2/0 BLACK P45 (3)
LCBH3/0, LCCH3/0 SCH3/0	3/0 AWG	1-9/16 1-3/16	------	------	CD-720-2 ORANGE P50 (3)	CD-920-3/0 ORANGE P50 (3)	STD (2)	CD-2001-3/0 ORANGE P50 (3)
LCBH4/0, LCCH4/0 SCH4/0	4/0 AWG	1-5/8 1-3/16	------	------	CD-720-3 PURPLE P54 (3)	CD-920-4/0 PURPLE P54 (3)	STD (2)	CD-2001-4/0 PURPLE P54 (3)
LCBH250, LCCH250 SCH250	250 kcmil	1-1/4 1-1/4	------	------	CD-720-3 YELLOW P62 (4)	CD-920-250 YELLOW P62 (3)	STD (3)	CD-2001-250 YELLOW P62 (3)
LCCH300 SCH300	300 kcmil	9/16 2	------	------	CD-720-4 WHITE P66 (4)	CD-920-300 WHITE P66 (3)	STD (3)	CD-2001-300 WHITE P66 (3)
LCCH350 SCH350	350 kcmil	5/16 2	------	------	CD-720-5 RED P71 (4)	CD-920-350 RED P71 (3)	STD (3)	CD-2001-350 RED P71 (3)
LCCH400	400 kcmil	2-3/8	------	------	CD-720-6 BLUE P76 (4)	CD-920-400 BLUE P76 (3)	STD (3)	CD-2001-400 BLUE P76 (4)
LCCH500 SCH500	500 kcmil	2-9/16 2-1/4	------	------	CD-720-7 BROWN P87 (4)	CD-920-500 BROWN P87 (3)	STD (3)	CD-2001-500 BROWN P87 (4)
LCCH600	600 kcmil	2-3/4	------	------	------	CD-920-600 GREEN P94 (4)	STD (3)	------
LCCH750 SCH750	750 kcmil	2-15/16 2-7/8	------	------	------	CD-920-750 CD-940-750+ BLACK P106 (4)	STD (3)	------
LCCH1000 SCH1000	1000 kcmil	3-1/16 3	------	------	------	CD-940-1000+ GREEN P125 (4)	------	------

 * CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
** CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter.

NOTE: See product package or contact factory for UL/CSA approved tooling/product combinations