

TAP CONNECTORS Installation Instructions



INSTALLATION MUST FOLLOW THE PROPER METHODS FOR ALL OF THE FOLLOWING PROCEDURES:

- Wire preparation
- Size Combinations
- Crimp Locations
- Number of crimps
- Crimp sequence/order
- Crimp Direction

INSTALLATION INSTRUCTIONS:

1. Select the connector based on wire sizes, material, and construction.
2. Strip the wire insulation to the correct length based on table data. Wire strip length should be only 1/4" maximum extra length. (A small amount of exposed wire outside of the crimp due to extra strip length is OK, but crimping the tap onto the insulation due to a reduced strip length will not make an acceptable crimp connection.)
3. Remove oxides by using a wire brush on the bare conductor.
4. Insert conductor wires into the connector grooves and hold them in place.
5. Place the connector and the conductor wires into the crimping tool as shown in FIG A.
6. Complete your compression crimp according to the required number and location(s) of crimp(s). If two or more crimps are required, start at crimp one and proceed to the next number until the crimp is complete (as shown in the figures on back).

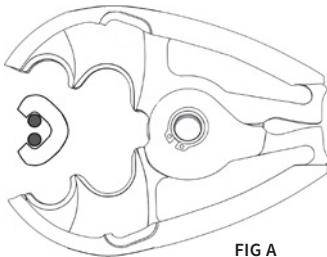


FIG A

Copper Compression C-Tap: CT-Series

(For Copper Conductors Only)

PART #	MAIN (RUN)	TAP (BRANCH)	COLOR CODE	NO. RIBS	NO. CRIMPS	WIRE STRIP LENGTH	DIE INDEX.
CT-101	14 SOL	14 SOL-16 SOL/STR	RED	0	1 (FIG 1)	1/2"	BARE 8
	12 STR	16 STR-12 STR					
	10 STR	14 STR					
CT-102	10STR	10 STR	BLUE	0	1 (FIG 1)	5/8"	BARE 4
	8 STR	12 STR					
CT-103	6 STR	10-12 STR	GRAY	0	1 (FIG 1)	5/8"	BARE 4
	8 STR	8-10 STR					
CT-104	4 STR	8-12 STR	BROWN	0	1 (FIG 1)	5/8"	BARE 4
	6 STR	6-8 STR					
CT-105	4 STR	6-4 STR	GREEN	1	2 (FIG 2)	1-1/4"	BARE 2
	3 STR	12-6 STR					
CT-106	4 STR	4 STR	PINK	1	2 (FIG 2)	1-1/4"	BARE 2
	3 STR	4 STR-6 STR					
	2 STR	12 STR-6 STR					
CT-107	1 STR	12-4 STR	BLACK	2	3 (FIG 3)	2"	BG
	2 STR	4-6 STR					
	3 STR	4-3 STR					
CT-108	1/0 STR	12-4 STR	ORANGE	2	3 (FIG 3)	2"	KC12-2/0
	1 STR	4-3 STR					
	2 STR	4-2 STR					
CT-109	2/0 STR	12-3 STR	PURPLE	2	3 (FIG 3)	2"	KC12-4/0
	1/0 STR	3-2 STR					
	1 STR	1-2 STR					
CT-110	1/0 STR	1-1/0 STR	YELLOW	2	3 (FIG 3)	2"	KC12-250
	2/0 STR	2-1 STR					
	3/0 STR	12-2 STR					

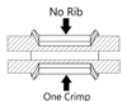


FIG 1

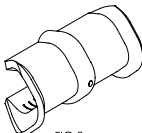
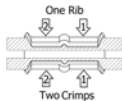


FIG 2

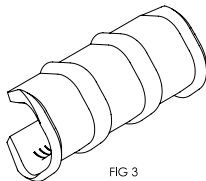
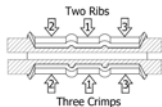


FIG 3