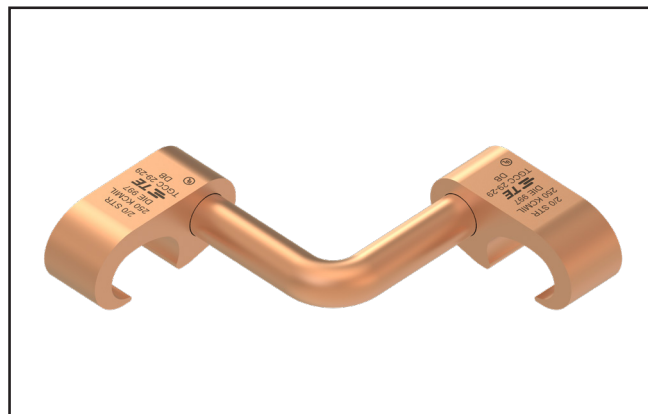


INSTRUCTIONS SHEET

EPP-3960-3/22

TGCC

6-6 Shape Grounding Compression Cross Connector



TE Connectors & Fittings

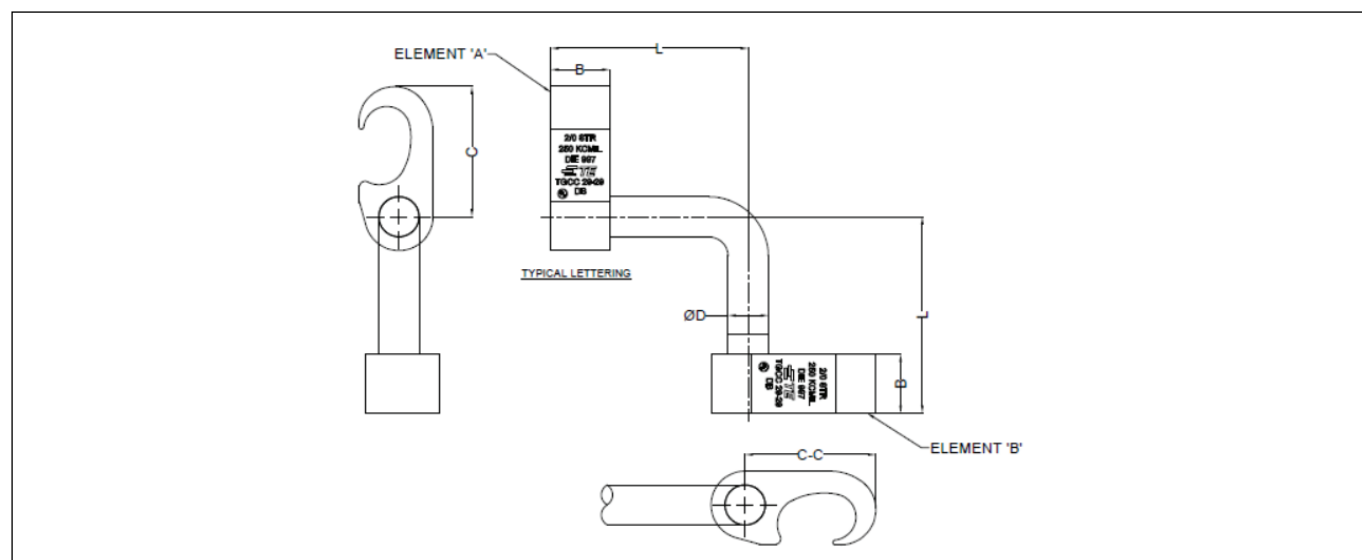


Table 1

Catalog No.	Cable to Cable		Cable to Ground Rod		B Inch (mm)	C Inch (mm)	C-C Inch (mm)	øD Inch (mm)	L Inch (mm)	Burndy* Crimping Die		
	Element A AWG (Sq.mm)	Element B AWG (Sq.mm)	Element A Inch (mm)	Element B Inch (mm)						Die No Element A	Die No. Element B	Number of Crimps
TGCC 2-2	#6 Str. - #2 Str. (10 mm ² - 35 mm ²)	#6 Str. - #2 Str. (10 mm ² - 35 mm ²)	-	-	0.75 (19.0)	1.09 (27.7)	1.09 (27.7)	0.31 (8.0)	2.52 (64.0)	U-O	U-O	1
TGCC 29-2	#1 Str. - 250 MCM (40 mm ² - 120 mm ²)	#6 Str. - #2 Str. (10 mm ² - 35 mm ²)	1/2" - 5/8" Rod (12.7 - 16.0)	#6 Str. - #2 Str. (10 mm ² - 35 mm ²)	0.75 (19.0)	1.66 (42.2)	1.09 (27.7)	0.31 (8.0)	2.52 (64.0)	U997	U-O	1
TGCC 29-29	#2 Str. - 250 MCM (35 mm ² - 120 mm ²)	#2 Str. - 250 MCM (35 mm ² - 120 mm ²)	1/2" - 5/8" Rod (12.7 - 16.0)	#2 Str. - 250 MCM (35 mm ² - 120 mm ²)	0.75 (19.0)	1.66 (42.2)	1.66 (42.2)	0.50 (12.7)	2.62 (66.7)	U997	U997	1
TGCC 34-2	250 MCM - 500 MCM (120 mm ² - 240 mm ²)	#6 Str. - #2 Str. (10 mm ² - 35 mm ²)	5/8" - 3/4" Rod (14.2 - 19.0)	#6 Str. - #2 Str. (10 mm ² - 35 mm ²)	0.75 (19.0)	2.09 (53.1)	1.09 (27.7)	0.31 (8.0)	2.52 (64.0)	PU998	U-O	1
TGCC 34-29	250 MCM - 500 MCM (120 mm ² - 240 mm ²)	#2 Str. - 250 MCM (35 mm ² - 120 mm ²)	5/8" - 3/4" Rod (14.2 - 19.0)	#2 Str. - 250 MCM (35 mm ² - 120 mm ²)	0.75 (19.0)	2.09 (53.1)	1.66 (42.2)	0.50 (12.7)	2.62 (66.7)	PU998	U997	1
TGCC 34-34	250 MCM - 500 MCM (120 mm ² - 240 mm ²)	250 MCM - 500 MCM (120 mm ² - 240 mm ²)	5/8" - 3/4" Rod (14.2 - 19.0)	250 MCM - 500 MCM (120 mm ² - 240 mm ²)	1.10 (28.0)	2.28 (57.9)	2.28 (57.9)	0.75 (19.1)	2.93 (74.5)	U1011	U1011	3

* BURNDY is trademark of their respective owners

1. Introduction

Purpose of this instruction sheet is to provide installation procedures for 6-6 Shape Grounding Compression Cross Connector.

The 6-6 Shape Grounding Compression Cross Connector will accommodate Ground Rod and Cable in Element "A" & Only Cables in Element "B" as per Table 1.

i NOTE:

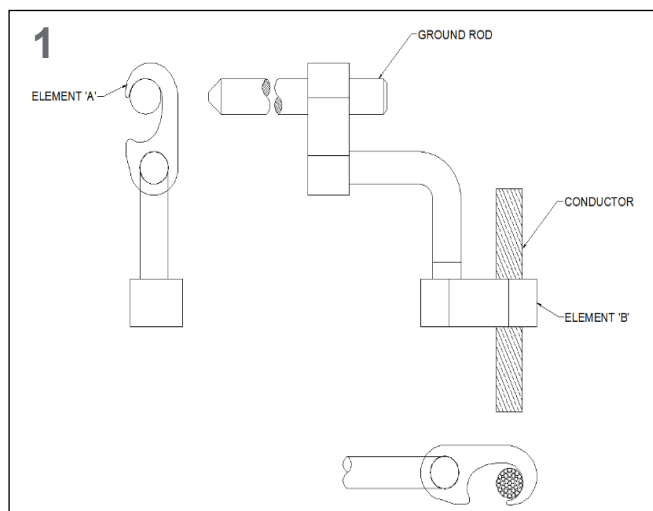
- When connection made with conductors as mention in Table 1, the connectors comply with the requirement of Underwriters Laboratories Inc. (UL) 467 International C.22.2 No. 41-13.
- This Product line is compatible with compact stranding, conventional concentric and compressed stranding of commercially available copper stranded wires.
- Dimensions in this document are in both mm and inches. Figures are not drawn to scale.

2. Installation Procedure

Identify 6-6 Shape Grounding Compression Connector based on the conductor size/Rod Size to be used.

2.1 Cable Preparation

1. Avoid nicking or cutting the conductor. Ensure the conductor end has a straight (right-angle) cut before installing. See **Figure 1**.
2. Wire brush the conductor ends. Use a brush dedicated for copper conductor only.



2.2 Cable to Cable or Rod to Cable Grounding Installation (See Figure 1)

1. Insert the L Bend Rod in given holes of Element A & Element B making the right angle.
2. Place Cable or Rod in Element A and Cable in Element B as per the Table 1.
3. Ensure the cable/rod is properly aligned and is making right angle to the respective 6 Shape before compression.
4. Place the resp. Die and crimp the resp. 6 Shape Connectors.

⚠ CAUTION

- Damaged or worn Rod to 6 shape Grounding compression cross connector must not be used. 6-6 shape Grounding compression cross connector may be removed from the wire, discarded, and replaced with new ones. Always use newly cut cable with these 6-6 shape Grounding compression cross connector. It is not a regular procedure to reuse portions of already used cable.

For more information: te.com/energy

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Please dispose of all waste according to environmental regulations.



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