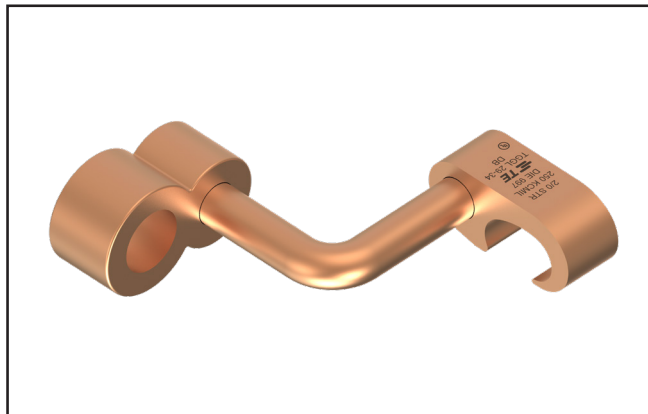


INSTRUCTIONS SHEET

EPP-3961-3/22

TGGL

6-8 Shape Grounding Compression Cross Connector



TE Connectors & Fittings

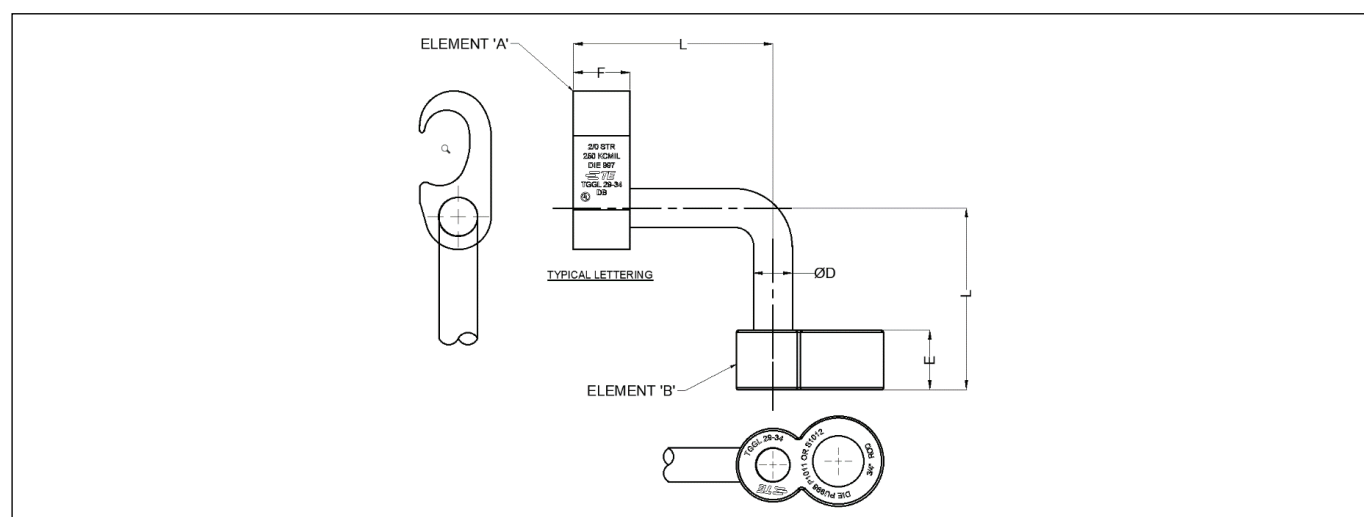


Table 1

Catalog No.	Copper Conductor Range Element A AWG (Sq.mm)	Ground Rod & Rebar Range Element B Inch (mm)	Strip length Element A (mm)	Strip length Element B (mm)	F Inch (mm)	E Inch (mm)	ø D Inch (mm)	L Inch (mm)	Burdny* Crimping Die		
									Die No Element A	Die No. Element B	Number of Crimps
TGGL 29-12	#2 Str. - 250 MCM (35 mm² - 120 mm²)	1/2" (12.7) #3 - #4 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.31 (8.0)	2.52 (64.0)	U997	PU998	1
TGGL 34-12	250 MCM - 500 MCM (120 mm² - 240 mm²)	1/2" (12.7) #3 - #4 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.31 (8.0)	2.52 (64.0)	PU998	PU998	1
TGGL 29-58	#2 Str. - 250 MCM (35 mm² - 120 mm²)	5/8" (16.0) #5 - #6 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.31 (8.0)	2.52 (64.0)	U997	PU998	1
TGGL 34-58	250 MCM - 500 MCM (120 mm² - 240 mm²)	5/8" (16.0) #5 - #6 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.31 (8.0)	2.52 (64.0)	PU998	PU998	1
TGGL 29-34	#2 Str. - 250 MCM (35 mm² - 120 mm²)	3/4" (19.0) #5 - #6 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.50 (12.7)	2.62 (66.7)	U997	PU998	1
TGGL 34-34	250 MCM - 500 MCM (120 mm² - 240 mm²)	3/4" (19.0) #5 - #6 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.50 (12.7)	2.62 (66.7)	PU998	PU998	1
TGGL 29-100	#2 Str. - 250 MCM (35 mm² - 120 mm²)	1" (25.4) #6 - #7 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.50 (12.7)	2.62 (66.7)	U997	PU998	1
TGGL 34-100	250 MCM - 500 MCM (120 mm² - 240 mm²)	1" (25.4) #6 - #7 Rebar	23	26.5	0.75 (19.0)	0.89 (22.5)	0.50 (12.7)	2.62 (66.7)	PU998	PU998	1

* BURNDY is trademark of their respective owners

1. Introduction

Purpose of this instruction sheet is to provide installation procedures for 6-8 Shape Grounding Compression Cross Connector.

The 6-8 Shape Grounding Compression Cross Connector will accommodate Ground Rod in Element B and Element A is compatible with the conductor wire sizes shown in **Table 1**.

i NOTE:

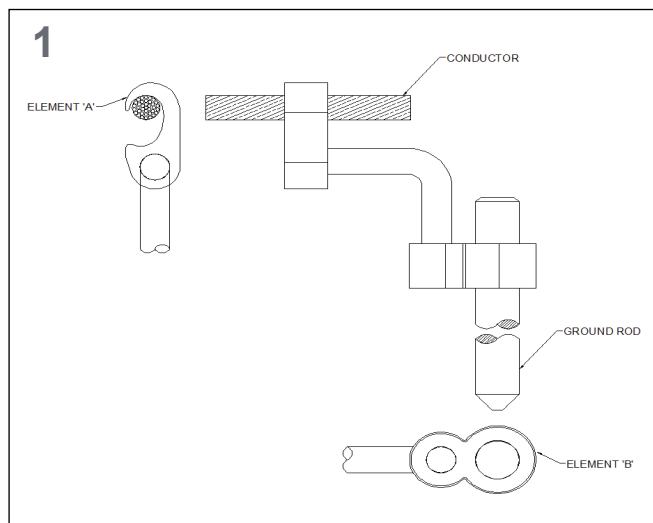
- When connection made with conductors as mention in table 1, the connectors comply with the requirement of Underwriters Laboratories Inc. (UL) 467 International C.22.2 No. 41-13.
- This Product line is compatible with compact stranding, conventional concentric and compressed stranding of commercially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

2. Installation Procedure

Identify 6-8 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 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 in Element A and Rod 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 & 8 Shape before compression.
4. Place the resp. Die and crimp the resp. 6 Shape & 8 Shape Connectors.

⚠ CAUTION

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

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Please dispose of all waste according to environmental regulations.



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It is the user's responsibility to determine the suitability of the installation method in the user's field conditions.

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