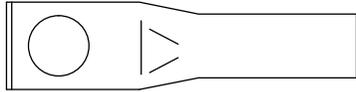
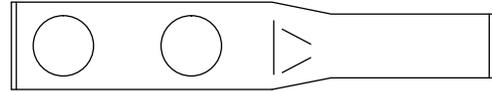


Standard Barrel Terminal  
(One Hole)



Long Barrel Terminal  
(One Hole)



Long Barrel Terminal  
(Two Hole NEMA)

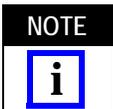
CONDUCTOR WIRE SIZE	COLOR CODE	STRIP LENGTH		BURNDY DIE				T & B DIE			
		LONG BBL	STD BBL	PART NO.	INDEX	NUMBER OF CRIMPS		PART NO.	INDEX	NUMBER OF CRIMPS	
						LONG BBL	STD BBL			LONG BBL	STD BBL
1000 KCM	White	3 1/16	2	P44RT	27	4	2	15603	125H	4	2
750 KCM	Black	2 15/16	1 9/16	U39RT	24	4	2	15515-CK	106H	4	2
600 KCM	Green	2 3/4	1 9/16	U36RT	22 or 472	2	1	15611	94H	2	1
500 KCM	Brown	2 5/16	1 7/16	U34RT	20 or 299	2	1	15506	87H	2	1
400 KCM	Blue	2 3/16	1 1/8	U32RT	19 or 470	2	1	15512	76H	2	1
350 KCM	Red	2 1/16	1 1/16	U31RT	18 or 324	2	1	15514-CK	71H	2	1
300 KCM	White	2 1/16	1 1/16	U30RT	17 or 298	2	1	15534	66H	2	1
250 KCM	Yellow	1 11/16	1	U29RT	16	2	1	15510-CK	62	2	1
4/0 Stranded	Purple	1 11/16	13/16	U28RT	15	2	1	15511	54H	2	1
3/0 Stranded	Orange	1 9/16	13/16	U27RT	14	2	1	15530	50	2	1
2/0 Stranded	Black	1 9/16	3/4	U26RT	13	2	1	15526	45	2	1
1/0 Stranded	Pink	1 7/16	3/4	U25RT	12 or 348	2	1	15508	42H	2	1
#1 Stranded	Green	1 7/16	3/4	U1CRT-1	11 or 375	2	1	15513-CK	37	2	1
#2 Stranded	Brown	1 5/16	3/4	U2CRT	10	2	1	15528	33	2	1
#3 Stranded	White	1 1/4	3/4	U3CRT	9	2	1	---	---	---	---
#4 Stranded	Grey	1 3/16	3/4	U4CRT	8 or 346	2	1	15527-CK	29	2	1
#6 Stranded	Blue	1 3/16	3/4	U5CRT	7 or 374	2	1	15522	24	2	1

Figure 1

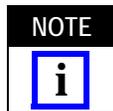
1. INTRODUCTION

This instruction sheet provides installation procedures for copper compression terminals (base part numbers 1099898, 1099899, and 1099939). The terminals will accommodate copper conductors only and are compatible with the conductor wire sizes shown in Figure 1.

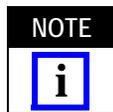
Reasons for revision may be found in Section 3, REVISION SUMMARY.



When crimped with the approved die sets as listed in Figure 1, the connectors comply with the requirements of Underwriters Laboratories (UL) 486A and CSA International C.22.2 No. 65-93, and Listed by UL in File No. E 13288.



This product line is tooling compatible with compact stranding, conventional concentric and compressed stranding of commercially available copper stranded wires.



Dimensions in these instructions are in inches. Figures are not drawn to scale.

2. INSTALLATION PROCEDURES

Identify the conductor size. Choose the terminal according to the application and the conductor size.

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## 2.1. Cable Preparation

1. Strip back conductor insulation to the dimension given in the chart. Avoid nicking or cutting the conductor. Ensure that the conductor end has a straight (right angle) cut before installing. See Figure 2.

2. Wire brush the conductor ends. Use a brush dedicated for copper conductors only.

## 2.2. Terminal Installation (See Figure 2)

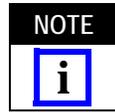
1. Insert the conductor into the terminal barrel until it butts against the closed end of the terminal.

2. Choose a crimping die according to the conductor wire size. Die should match the description marked on the terminal.

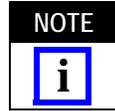
3. Install the die into the tool head.

4. Make sure the conductor is pushed all the way to the end of the terminal barrel before crimping.

5. Start crimping from the closed end and work towards the open end. Make sure the die closes completely before going to the next crimp. Refer to the table in Figure 1 for number of crimps.



*All crimps are to be located within the crimping zone. See Figure 2.*



*Do Not overlap crimps. Rotate die 15 to 30 degrees when proceeding to the next crimp.*



*Damaged or worn terminals must not be used. Terminals may be removed from the wire, discarded, and replaced with new ones. Always use newly cut cable with these terminals. It is not a regular procedure to reuse portions of already crimped cable.*

## 3. REVISION SUMMARY

- Updated document to corporate requirements.
- New logo

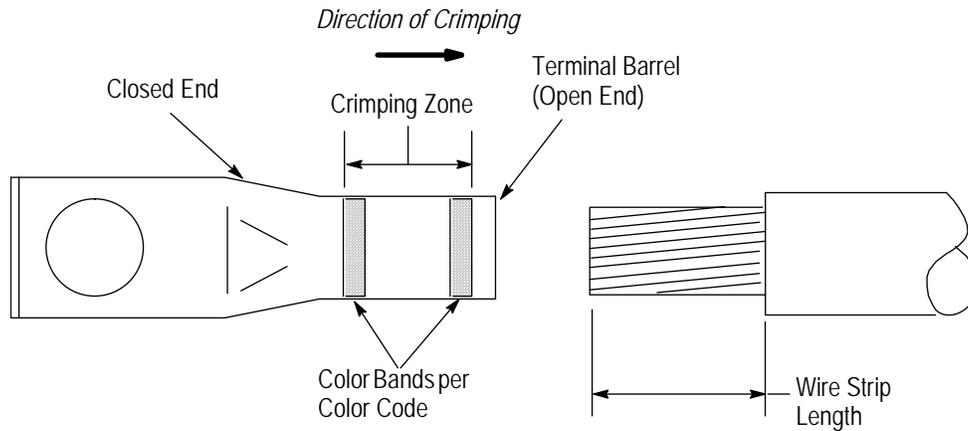


Figure 2