DESCRIPTION

PRODUCT COVERED:

Type "Plastic-Grip" terminals, butt, end and parallel connectors (22-10 AWG)

USL – "plastic-Grip" terminals, ring Cat. No. 2402674-2.

Type "Solistrand", "W" terminal, butt, and parallel connectors, (22-4/0 AWG).

GENERAL CHARACTER AND USE:

* Plasti-Grip - These devices are insulated pressure terminals and cable connectors designed for installation on wires by means of hand tools or press dies designated "P.I.D.G. for terminals and P.G. for splices". These connectors are rated 600 V max for building wire and 1000 V for fixtures and signs in locations where the temperature doe not exceed 90 degrees C. They are intended for use on a wire rang of No. 22 to 10 AWG solid or stranded. The wire combinsations for the parallel types are as follows: The splicing wire connectors (butt, closed end and parallel) comply the UL 486C, First Edition.

PARALLEL TYPE WIRE COMBINATIONS:

Cat. No. 34136 (Yellow)

Wire		No. of Additional Wires (One Size Only)				
Size	No.	No. 18	No. 16	No. 14	No. 12	No. 10
No. 18	1	3	2	1 to 2	1	1
	2	2	1 to 2	1 to 2	1	
	3	1	1			
No. 16	1	3	1 to 2	1 to 2	1	1
	2	1 to 2	1	1		
No. 14	1	1 to 3	1 to 2	1	1	
	2	1 to 2	1			
No. 12	1	1 to 2	1	1		
No. 10	1	1				

Cat. No. 34134 (Blue)

Wire		No. of Additional Wires (One Size Only)	
Size	No.	No. 18	No. 16
No. 18	1	1	1
No. 16	1	1	

Solistrand - These devices are uninsulated pressure cable connectors intended to be installed with the manufacturer's Solistrand Type W hand or power driven tools.

These connectors are Listed for a wire range of Nos. 22-4/0 AWG stranded wires and Nos. 22-14 AWG solid wires.

INDEX FOR ILLUSTRATIONS:

Plastic-Grip and Solistrand Connectors are shown in Ill.1 through 25 in accordance with the following tabulation.

Wire Range	Type of Connector	Ill. No.
0.25 - 1.6 mm^2 (22 - 16 AWG)	Ring Tongue	1
	Slotted Tongue	2
	Butt, Parallel, Closed End Connectors	3
1.0 - 2.6 mm^2 (16 - 14 AWG)	Ring Tongue	4
	Slotted Tongue	5
	Heavy Duty Ring Tongue	6
	Butt, Parallel, Closed End Connectors	7
2.7 - 6.6 mm^2 (12 - 10 AWG) **8.37 mm^2 (8 AWG) Str for Ring Tongue only**	Ring Tongue	8, 8A
	Slotted Tongue	9
	Butt, Parallel, Closed End Connectors	10
6.7 - 10.5 mm^2 (8 AWG)	Ring Tongue - Solistrand	10A
	Flag, Butt, Parallel Solistrand	11
10.6 - 16.7 mm^2 (6 AWG)	Ring Tongue - Solistrand	12
	Flag, Butt, Parallel Solistrand	13
16.8 - 26.6 mm^2 (4 AWG)	Ring Tongue - Solistrand	14
	Flag, Butt, Parallel Solistrand Flag	15
26.7 - 42.4 mm^2 (2 AWG)	Ring Tongue - Solistrand	16
	Flag, Butt, and Parallel Solistrand	17

Wire Range	Type of Connector	Ill. Nos.
42.5 - 60.5 mm^2 (1/0 AWG) Ring	Tongue - Solistrand	18
	Flag, Butt, Parallel - Solistrand	19
60.6 - 76.2 mm^2 (2/0 AWG) Ring	Tongue - Solistrand	20
	Flag, Butt, Parallel - Solistrand	21
76.3 - 97.0 mm^2 (3/0 AWG) Ring	Tongue - Solistrand	22
	Flag, Butt, Parallel - Solistrand	23
98 - 120 mm^2 (4/0 AWG)	Ring Tongue - Solistrand	24
	Flag, Butt, Parallel - Solistrand	25

The following "SOLISTRAND" wire connector Part Nos. have a supplementary rating for fine strand cable sizes as specified below. Crimp tooling is Tyco CERTI-LOK.

Solistrand Cat. Nos.	1KV Cable Size	No. of Strands/ Strand Dia.-In.
33466, 33467	6 AWG Cu.	61/0.0201
33115, 31812, 327175	4 AWG Cu.	133/0.0177
322870	2 AWG Cu.	259/0.0160

Solistrand Cat. Nos.	7.5 KV Cable Size	No. of Strands/ Strand Dia.-In.
33466, 33467	6 AWG Cu.	84/25 (0.0179)
33115, 31812, 327175	4 AWG Cu.	105/24 (0.0201)
322870	2 AWG Cu.	163/24 (0.0201)

Solistrand Cat. Nos.	15 KV Cable Size	No. of Strands/ Strand Dia.-In.
322870	2 AWG Cu.	259/0.0159

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