

and Report

DESCRIPTION

PRODUCT COVERED:

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

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 does not exceed 90 degrees C. They are intended for use on a wire range of No. 22 to 10 AWG solid or stranded. The wire combinations 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 Size	No.	No. of Additional Wires (One Size Only)				
		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 Size	No.	No. of Additional Wires (One Size Only)	
		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,	3
	Closed End Connectors	
1.0 - 2.6 mm ² (16 - 14 AWG)	Ring Tongue	4
	Slotted Tongue	5
	Heavy Duty Ring Tongue	6
	Butt, Parallel,	7
	Closed End Connectors	
2.7 - 6.6 mm ² (12 - 10 AWG)	Ring Tongue	8
	Slotted Tongue	9
	Butt, Parallel,	10
	Closed End Connectors	
6.7 - 10.5 mm ² (8 AWG)	Ring Tongue - Solistrand	10A
	Flag, Butt, Parallel	11
	Solistrand	
10.6 - 16.7 mm ² (6 AWG)	Ring Tongue - Solistrand	12
	Flag, Butt, Parallel	13
	Solistrand	
16.8 - 26.6 mm ² (4 AWG)	Ring Tongue - Solistrand	14
	Flag, Butt, Parallel	15
	Solistrand Flag	
26.7 - 42.4 mm ² (2 AWG)	Ring Tongue - Solistrand	16
	Flag, Butt, and	17
	Parallel Solistrand	

<u>Wire Range</u>	<u>Type of Connector</u>	<u>Ill. Nos.</u>
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

CONSTRUCTION DETAILS:

Marking - The following marking is applicable for connectors intended for use with copper conductors:

- a. No. 6 AWG and smaller - effective 4-1-88;
- b. Larger than No. 6 AWG - effective 4-4-90.

"CU" on the wire connector, a unit container or information sheet packed in the unit container.

Note - For connectors having a wire range encompassing wires larger and smaller than No. 6 AWG, the 4-4-90 effective date is applicable.

For pressure cable connectors rated for No. 6 AWG and smaller wires, the unit container shall be marked "TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS".