

D E S C R I P T I O NPRODUCT COVERED:

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

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

Type "DG" (Diamond-Grip) terminal, butt and parallel connectors (22-1a AWG).

Type "PIDG" (preinsulated Diamond-Grip) terminals, butt and parallel connectors (22-10 AWG).

GENERAL CHARACTER AND USE:

General - The pressure terminal connectors may be provided with various sizes and shapes of the Tang. (such as ring, spade, hook, etc.)

* 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.C. for splices". These connectors are rated 600 v max for building wire and 1000 volts 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:

Cat. No. 34136 (yellow)

<u>Wire Size</u>	<u>No. of Additional Wires (One Size Only)</u>					
	<u>No.</u>	<u>No. 18</u>	<u>No. 16</u>	<u>No. 14</u>	<u>No. 12</u>	<u>No. 10</u>
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	1	
No. 10	1	1				

Cat. No. 34134 (blue)

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

Cat. Nos. 1-171512-0, 171512-2, 171512-4, 171512-6 or 171512-8 (Red)

Wire Size

22-18 Sol/Str

Wire Strip Length - 5.2 -6.0 mm

Solistrand - These devices are uninsulated pressure cable connectors intended to be installed with the manufacturers solistrand Type W hind 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.

Type DG (Diamond-Grip) - These are pressure terminal and cable connectors designed to be installed on wires by means of DG hand or power tools on No. 22-10 AWG stranded copper wire.

Type PIDG (Preinsulated Diamond-Grip) - These are similar to the Diamond-Grip series except they are provided with insulation and are rated 300 V max, 105 oC max. Cat. No. 31885, of the Type PIDG is installed with PIDG hand tools on No. 22-16 AWG stranded copper wire, and power tooling an Nos. 22, 20, 18, 14, 12 and 10 stranded copper wire.

Tooling - Typical tooling as illustrated shows the acceptable configuration of the dies. The form of handle or other constructional features is not specified.

INDEX FOR ILLUSTRATIONS:

Plasti-Grip, Solistrand, Diamond-Grip, and PIDG connectors are shown in Ill. 1 through 33 in accordance with the following tabulation.

<u>Wire Range</u>	<u>Type of Connector</u>	<u>Ill. No.</u>
22 AWG	PIDO	43
22-16 AWG	DG, PTDG, Ring Tongue	1
22-16 AWG	PG, Solistrand, Ring Tongue	2
22-16 AWG	DG, PIDO, Slotted Tongue	3
22-16 AWG	PG, Solistrand, Slotted Tongue	4
22-16 AWG	DG, PIDG, PC, Solistrand, Butt Parallel, Closed End Connectors	5
22-16 AWG	PG	40, 41
22-16 AWG	PTDG	43, 44
22-16 AWG	Solistrand	42

<u>Wire Range</u>	<u>Type of Connector</u>	<u>Ill. No.</u>
16-14 AWG	DG, PIDG, Ring Tongue	6, 10
	PG, Solistrand, Ring Tongue	7, 11
	DG, PIDG, Slotted Tongue	8
	PG, Solistrand, Slotted Tongue	9
	DG, PIDG, PG, Solistrand, Butt, Parallel, Closed End Connect- ors	12
*	PG	41
*	PIDG	44
*	Solistrand	42
12-10 AWG	DG, PIDG, Ring Tongue	13
	PG, Solistrand, Ring Tongue	14
	DG, PIDG, Slotted Tongue	15
	PG, Solistrand, Slotted Tongue	16
	DG, PIDG, PG, Solistrand, Butt, Parallel, Closed End Connectors	17
*	PG	41
8 AWG	Solistrand, Ring Tongue	18
	Solistrand, Flag, Parallel, Butt Connectors	19
*	Solistrand	42
6 AWG	Solistrand, Ring Tongue	20
	Solistrand, Flag, Parallel, Butt Connectors	21
*	Solistrand	42
4 AWG	Solistrand, Ring Tongue	22
	Solistrand, Flag, Parallel, Butt Connectors	23
*	Solistrand	42
2 AWG	Solistrand, Ring Tongue	24
	Solistrand, Flag, Parallel, Butt Connectors	25
1/0 AWG	Solistrand, Ring Tongue	26
	Solistrand, Flag, Parallel, Butt Connectors	27
2/0 AWG	Solistrand, Ring Tongue	28
	Solistrand, Flag, Parallel, Butt Connectors	29
3/0 AWG	Solistrand, Ring Tongue	30
	Solistrand, Flag, Parallel, Butt Connectors	31
4/0 AWG	Solistrand, Ring Tongue	32
	Solistrand, Flag, Parallel, Butt Connectors	33