



## Insulation-Displacement Wire Connectors

Create semipermanent connections between conductors without crimping them or stripping the wire's sheath. Also known as quick splice wire connectors, they extend or terminate electrical connections in low-voltage wiring applications such as fixtures, appliances, automotive systems, and control circuits.

Color	Run Wire Size Min.	Run Wire Size Max.	Tap Wire Size Min.	Tap Wire Size Max.	Insulation Material	Maximum Voltage	Item No.	Pkg. Qty.
<b>1-Port Insulation-Displacement Connectors</b>								
<b>3M</b>								
Black	18 AWG	14 AWG	16 AWG	14 AWG	Polypropylene	600 V	2JLK8	500
Blue	18 AWG	14 AWG	18 AWG	14 AWG	Nylon	600 V	1A074	50
Blue	18 AWG	16 AWG	14 AWG	14 AWG	Nylon	600 V	2DTX4	1000
Maroon	22 AWG	18 AWG	22 AWG	18 AWG	Nylon	600 V	2DRJ7	1000
Red	22 AWG	18 AWG	22 AWG	18 AWG	Nylon	600 V	4YT71	50
<b>Dolphin Components Corp</b>								
Blue	26 AWG	16 AWG	26 AWG	16 AWG	PVC	300 V	4KED1	100
White	26 AWG	16 AWG	26 AWG	16 AWG	PVC	300 V	4KEC8	100
<b>Power First</b>								
Blue	18 AWG	14 AWG	18 AWG	14 AWG	Nylon	600 V	22EW66	50
Blue	18 AWG	14 AWG	18 AWG	14 AWG	Polypropylene	600 V	22EW62	100
Brown	18 AWG	14 AWG	18 AWG	14 AWG	Polypropylene	600 V	22EW63	100
Red	22 AWG	18 AWG	22 AWG	18 AWG	Nylon	600 V	22EW65	50
Red	22 AWG	18 AWG	22 AWG	18 AWG	Polypropylene	600 V	22EW61	50
Red	22 AWG	16 AWG	22 AWG	16 AWG	Polypropylene	600 V	22EW60	100
Yellow	12 AWG	12 AWG	12 AWG	12 AWG	Nylon	600 V	22EW67	50
<b>2-Port Insulation-Displacement Connectors</b>								
<b>3M</b>								
Beige	12 AWG	10 AWG	18 AWG	14 AWG	Polypropylene	32 V	2JLJ9	5000
Blue	18 AWG	16 AWG	18 AWG	16 AWG	Polypropylene	1,000 V	1A075	50
Blue	18 AWG	16 AWG	22 AWG	14 AWG	Polypropylene	1,000 V	4YT77	100
Brown	18 AWG	10 AWG	12 AWG	10 AWG	Polypropylene	1,000 V	2JLL7	500
Brown	10 AWG	10 AWG	18 AWG	16 AWG	Polypropylene	1,000 V	4YT74	100
Red	22 AWG	14 AWG	22 AWG	18 AWG	Polypropylene	600 V	4YT50	50
Red	22 AWG	16 AWG	22 AWG	16 AWG	Polypropylene	1,000 V	4YT79	100
Yellow	12 AWG	12 AWG	18 AWG	14 AWG	Polypropylene	1,000 V	4YT69	100
Yellow	12 AWG	10 AWG	12 AWG	10 AWG	Polypropylene	600 V	2JKN1	1000



Color	Run Wire Size		Tap Wire Size		Insulation Material	Maximum Voltage	Item No.	Pkg. Qty.
	Min.	Max.	Min.	Max.				
Buchanan								
Black	3 AWG	4/0 AWG	10 AWG	2 AWG	UV-Stable Polymer	600 V	10K076	1
	8 AWG	1/0 AWG	10 AWG	2 AWG	UV-Stable Polymer	600 V	10K073	1
	4 AWG	2/0 AWG	14 AWG	10 AWG	UV-Stable Polymer	600 V	10K074	1
	2/0 AWG	500 kcmil	4 AWG	4/0 AWG	UV-Stable Polymer	600 V	10K080	1
	3/0 AWG	750 kcmil	14 AWG	10 AWG	UV-Stable Polymer	600 V	10K082	1
	2/0 AWG	500 kcmil	1/0 AWG	350 kcmil	UV-Stable Polymer	600 V	10K081	1
	1/0 AWG	350 kcmil	1/0 AWG	350 kcmil	UV-Stable Polymer	600 V	10K079	1
3-Port Insulation-Displacement Connectors								
3M								
Black	20 AWG	18 AWG	20 AWG	18 AWG	Polycarbonate	600 V	4DYW7	100
Black, White	22 AWG	16 AWG	22 AWG	16 AWG	Nylon	600 V	4FE24	30
Blue	22 AWG	14 AWG	22 AWG	14 AWG	Nylon	600 V	2DTN1	1000
White	22 AWG	14 AWG	22 AWG	14 AWG	Nylon	1,000 V	2JLH7	500

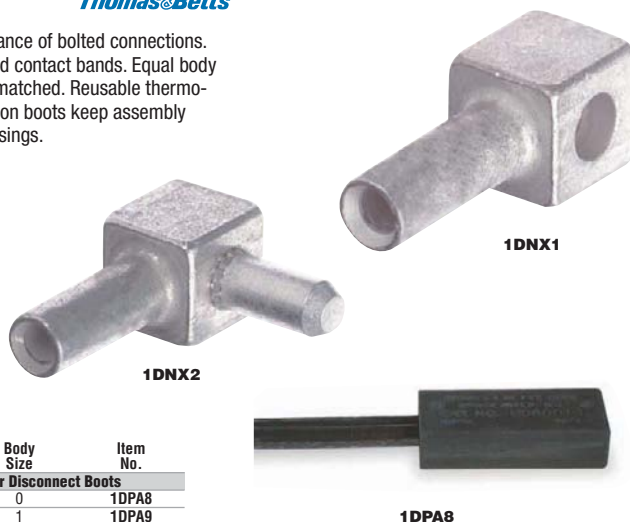
## Motor Pigtail Connectors

- Tin-plated copper
- For 600V, 90°C applications

Quick-connectors provide fast, reliable electric motor changeout without bolting or taping. Snap-together assembly meets or exceeds the electrical

and mechanical performance of bolted connections. Constructed with louvered contact bands. Equal body sizes can be mixed and matched. Reusable thermoplastic elastomer insulation boots keep assembly small for tight motor housings.

Minimum Wire Size	Maximum Wire Size	Color Code	Body Size	Die Code	FEMALE Item No.	MALE Item No.
<b>Motor Lead Disconnects</b>						
16 AWG	14 AWG	Blue	0	—	1DNX1	1DNX2
16 AWG	14 AWG	Blue	1	—	1DNX3	1DNX4
12 AWG	10 AWG	Yellow	1	37	1DNX5	1DNX6
12 AWG	10 AWG	Yellow	2	42	1DNX7	1DNX8
8 AWG	8 AWG	Red	1	21	1DNX9	1DNY1
8 AWG	8 AWG	Red	2	21	1DNY2	1DNY3
6 AWG	6 AWG	Blue	1	24	1DNY4	1DNY5
6 AWG	6 AWG	Blue	2	24	1DNY6	1DNY7
4 AWG	4 AWG	Gray	2	29	1DNY8	1DNY9
2 AWG	2 AWG	Brown	2	33	1DNZ1	1DNZ2
2 AWG	2 AWG	Brown	3	33	1DNZ3	1DNZ4
1 AWG	1 AWG	Green	2	37	1DNZ5	1DNZ6
1 AWG	1 AWG	Green	3	37	1DNZ7	1DNZ8
1/0 AWG	1/0 AWG	Pink	3	42	1DNZ9	1DPA1
2/0 AWG	2/0 AWG	Black	3	45	1DPA2	1DPA3
2/0 AWG	2/0 AWG	Orange	3	50	1DPA4	—
3/0 AWG	3/0 AWG	Orange	3	50	—	1DPA5
4/0 AWG	2/0 AWG	Purple	3	54	1DPA6	—
4/0 AWG	4/0 AWG	Purple	3	54	—	1DPA7
<b>Motor Disconnect Boots</b>						
			Body Size	Item No.		
			0	1DPA8		
			1	1DPA9		
			2	1DPB1		
			3	1DPB2		



## Ballast-To-Luminaire Disconnects

- Max. operating temp.: 221°F
- Max. voltage: 600V

Insulated plug-and-socket connectors allow quick connection and disconnection of ballasts and luminaires without turning off the incoming power to perform rework and installations.

Wire Size Range (Ballast Side)	Wire Size Range (Line Side)	Number of Ports - Ballast Side	Number of Ports - Line Side	Insulation Material	Maximum Current	Compatible with Series	Std.	Item No.	Pkg. Qty.
18 AWG - 18 AWG	18 AWG - 12 AWG	3	3	Polycarbonate	6 A	103	CEC Part I Rule 30-308(4), CSA, NEC	4JRK5	100
18 AWG - 18 AWG	18 AWG - 18 AWG	2	2	Polycarbonate	3 A	182	410.130(G), NEC 410.73(G), UL	4JRK6	100
18 AWG - 18 AWG	18 AWG - 18 AWG	3	3	Polycarbonate	3 A	183	UL	4JRK7	100
18 AWG - 12 AWG	18 AWG - 12 AWG	2	2	Nylon	6 A	102	CSA 182.3, UL 2459	1TPG9	150
18 AWG - 12 AWG	18 AWG - 12 AWG	2	2	Nylon	6 A	102X		5EKN0	1000

