



Black Insulated Connectors Dual Entry Large Wire Range



97643-97682



Technical Data:

- Insulated Mechanical Connector -
- Insulation
 - UV Rated
 - Chemical Resistant
 - Not Rated for Outdoor Use
- Aluminum Mechanical Connector
- Pre-filler with Oxide Inhibitor
- Temperature Rating: -49°F to 194°F
- AL/CU Dual Rated for Gutter, Raceway, Enclosure Power Distribution Applications
- NEC 230.46—Service Entrance Rated
- cULus 486A-B Listed

Product Data:

Cat. No.	Wire Ports	Wire Range	Lug Type	Voltage Rating	Maximum Temperature	Length (Inches)	Height (Inches)
97643	3	250-6	5/16	600	194	2.4	2.49
97644	4	250-6	5/16	600	194	3.29	2.49
97645	5	250-6	5/16	600	194	4.17	2.49
97646	6	250-6	5/16	600	194	5.06	2.49
97647	7	250-6	5/16	600	194	5.94	2.49
97648	8	250-6	5/16	600	194	6.83	2.49
97650	10	250-6	5/16	600	194	8.6	2.49
97651	11	250-6	5/16	600	194	9.49	2.49
97652	12	250-6	5/16	600	194	10.37	2.49
97653	3	350-6	5/16	600	194	2.8	2.64
97654	4	350-6	5/16	600	194	3.85	2.64
97655	5	350-6	5/16	600	194	4.9	2.64



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Cat. No.	Wire Ports	Wire Range	Lug Type	Voltage Rating	Maximum Temperature	Length (Inches)	Height (Inches)
97656	6	350-6	5/16	600	194	5.95	2.64
97658	8	350-6	5/16	600	194	8.06	2.64
97659	9	350-6	5/16	600	194	9.11	2.64
97660	10	350-6	5/16	600	194	10.16	2.64
97661	11	350-6	5/16	600	194	11.21	2.64
97662	12	350-6	5/16	600	194	12.26	2.64
97693	3	500-4	5/16	600	194	3.18	3.03
97694	4	500-4	5/16	600	194	4.35	3.03
97695	5	500-4	5/16	600	194	5.53	3.03
97696	6	500-4	5/16	600	194	6.7	3.03
97698	8	500-4	5/16	600	194	9.05	3.03
97699	9	500-4	5/16	600	194	10.22	3.03
97700	10	500-4	5/16	600	194	11.39	3.03
97702	12	500-4	5/16	600	194	13.74	3.03
97663	3	600-250	5/16	600	194	3.4	3.11
97664	4	600-250	5/16	600	194	4.68	3.11
97668	8	600-250	5/16	600	194	9.78	3.11
97669	9	600-250	5/16	600	194	11.05	3.11
97670	10	600-250	5/16	600	194	12.33	3.11
97672	12	600-250	5/16	600	194	14.88	3.11
97673	3	750-250	3/8	600	194	3.6	3.6
97674	4	750-250	3/8	600	194	5.03	3.6



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Cat. No.	Wire Ports	Wire Range	Lug Type	Voltage Rating	Maximum Temperature	Length (Inches)	Height (Inches)
97675	5	750-250	3/8	600	194	6.45	3.6
97676	6	750-250	3/8	600	194	7.88	3.6
97678	8	750-250	3/8	600	194	10.73	3.6
97679	9	750-250	3/8	600	194	12.15	3.6
97680	10	750-250	3/8	600	194	13.58	3.6
97681	11	750-250	3/8	600	194	15	3.6
97682	12	750-250	3/8	600	194	16.43	3.6



Torque Data:

WIRE SIZE	CONNECTOR SIZE										
	750	600	500	350	250	3/0	2/0	1/0	1	#2	#4
	TORQUE VALUE IN/LBS										
600-750	442										
600	442	398	310								
500	442	398	310								
400	310	398	310								
350	310	398	310	221							
250	310	398	310	221	149						
4/0			310	221	149						
3/0			310	221	149	100					
2/0			310	221	149	100					
1/0			310	221	149	100	89	89			
#3 - #1			310	221	149	100	89	89	89	80	
#4 - #6			310	221	149	100	89	89	89	80	35
#8							89	89	89	80	35
#10 - #14							89	89	89	80	35

Note : Not recommended for fine Stranded Flexible Wire .