

Round Connectors

STANDARD FEATURES

- Wide Range of Styles
- Various Type of Polarization
- Can be Supplied with any Cable Length
- Easy to Handle and Install
- Will Not Distort or Shatter
- Full Line of Plugs and Receptacles
- Non-interchangeable outside of its own series
- Easy Connectin and Disconnection
- Spring-loaded Covered Receptacles

PARAMETERS

- 1 to 24 Contacts
- Number 18 through 4/0 AWG
- Up to 5000 volts/235 amps

APPLICATIONS

LIGHTING OPERATIONS

- Camera Equipment, Monitoring Equipment
- Lighting on Cranes and Shovels, etc.
- Lighting, Industrial Buildings
- Studio Lighting
- Railroad Car Connectors
- Military Vehicles

INDUSTRIAL

- Mining Machinery - Used for Control Circuitry on Power Centres and Distribution Boxes
- Mining - Control Circuits on Distribution Panels
- Barges - Ballast Controls
- Post Office Sorting Machines
- Run-Out Tables - Steel Mills and Foundries
- Small Boiler Equipment
- Pumps & Paper Mills



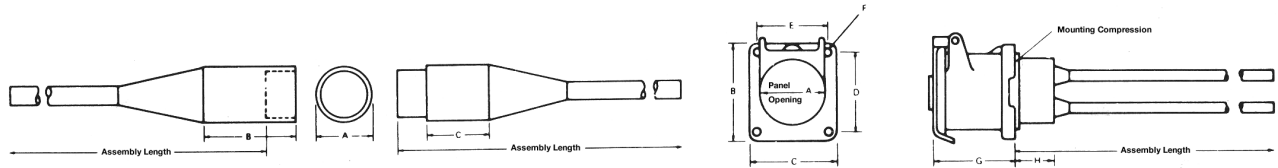
Cable Size	Amp Rating	Lead Length	Male	Female	Male Chainlock	Female Chainlock
Single Conductor Connectors (600 VOLT)						
10	25	15	8000-1	8000-2	8000-7	8000-6
8	45	15	8001-1	8001-2	8001-11	8001-6
6	60	15	8002-1	8002-2	8002-3	8002-4
2	95	15	8003-1	8003-2	8003-14	8003-9
2	110	18	8004-3	8004-4	8004-1	8004-2
1	130	18	8005-2	8005-1	8005-11	8005-5
2/0	175	18	8006-1	8006-2	8006-17	8006-6
4/0	235	18	8007-2	8007-1	8007-14	8007-11

5KV and 8KV connectors available on request.

These are connector ratings only.

Operating ratings must be based on cable capacity.

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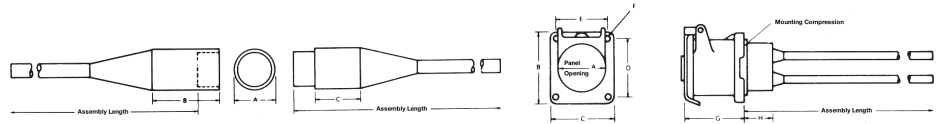
RECEPTACLE

No. of Cont.	ELECTRICAL DATA				Description		PART NUMBERS		Assembly Length	DIMENSIONS (Approx. Inches)			PART NUMBERS				Assembly Length	DIMENSIONS (Approx. Inches)											
	#8	TYPE	AMP	VOLTS	Polarized By	Type of Seal	Male	Female		Without Covers		With Covers		A	B	C		Male	Female	Male	Female	A	B	C	D	E	F	G	H
										AWG	Male	Female	Male																
2 POLE	2	14	SO	15	600	Pin Size	Female Shroud	8083-1 8083-26	8083-2 8083-29	28" 10"	1	7/8	1 3/4	8083-14	8083-11			Term. Back	1	1 7/8	1 7/8	1 3/8	1 3/8	1/4	1 3/8	3/8			
	2	14	SO	15	600	Non Polar	Female Shroud	8079-1 8079-55	8079-2 8079-57	28" 10"	1	1 1/2	2	8079-7	8079-15			Term. Back	1	1 7/8	1 7/8	1 3/8	1 3/8	7/32	1 1/4	15/16			
	2	12	SO	20	600	Pin Size	Female Shroud	8437-33 8437-50	8437-32 8437-51	28" 10"	1 1/4	2 5/8	3 1/4			8437-38	8437-37	14"	1 1/4	2	2	1 1/2	1 1/2	7/32	2 1/4	3/4			
	2	12	SO	20	600	Pin Size	Female Shroud	8405-163 8405-165	8405-166 8405-168	28" 10"	1	7/8	1 3/4	8083-14	8083-11			Term. Back	1	1 7/8	1 7/8	1 3/8	1 3/8	1/4	1 3/8	3/8			
	3	18	SO	7	600	Pin Size	Full Male Shroud	8634-6 8634-52	8634-5 8634-54	28" 10"	13/16	2	1 5/16	8634-8	8634-7			14"	13/16	1 5/8	1 5/8	1 1/8	1 1/8	1/4	1 5/16	11/16			
	3	16	SO	10	600	Pin Size	Full Male Shroud	8107-1 8107-113	8107-2 8107-115	28" 10"	1 1/4	2 5/16	2 1/16			8107-16	8107-12	Term. Back	1 1/4	2	2	1 1/2	1 1/2	7/32	2 7/16	11/16			
3 POLE	3	14	SO	15	600	Pin Size	Full Male Shroud	8108-3 8108-107	8108-1 8108-109	28" 10"	1 1/4	2 3/16	1 5/8	8108-8	8108-6			Term. Back	1 1/4	2 1/2	2 1/2	1 7/8	1 7/8	9/32	1 5/8	5/8			
	3	12	SO	20	600	Central Key	Full Male Shroud	8118-1 8118-63	8118-4 8118-65	28" 10"	1 5/8	2 3/4	2			8118-11	8118-22	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	2 3/16	1			

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POLE**

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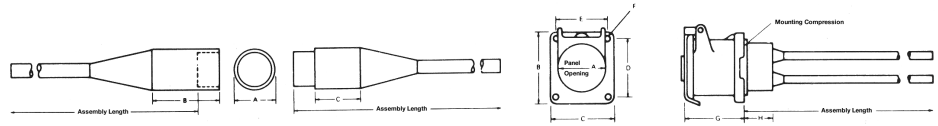
No. of Cont.	ELECTRICAL DATA				Description		PART NUMBERS		Assembly Length	DIMENSIONS (Approx. Inches)			PART NUMBERS				Assembly Length	DIMENSIONS (Approx. Inches)							
	#8	#8	AMP	VOLTS	Polarized By	Type of Seal	Male	Female		Without Covers		With Covers		A	B	C		D	E	F	G	H			
										AWG	TYPE	Male	Female										Male	Female	
4	18	SO	5	600	Pin Size	Fem. Shroud	8086-3 8086-27	8086-4 8086-29	28" 10"	7/8	1 1/2	2	8086-14	8086-8	14"	7/8	1 3/4	1 3/4	1 1/4	1 1/4	7/32	1	1 1/8		
4	16	SO	8	600	Pin Size	Full Male Shroud	8109-9 8109-145	8109-10 8109-147	28" 10"	7/8	1 13/16	1 5/16	8109-22	8109-23	14"	7/8	1 3/4	1 3/4	1 1/4	1 1/4	7/32	11/16	1 1/8		
4	12	SO	16	600	Pin Size	Fem. Shroud	8510-1 8510-99	8510-2 8510-101	28" 10"	1 5/8	1 15/16	2 7/8	8510-15	8510-12	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	2 3/16	1 3/16		
4	12	SO	16	600	Central Key	Full Male Shroud	8121-25 8121-32 8121-74	8121-24 8121-31 8121-76	28" 6" 10"	1 5/8	2 3/4	1 3/4	8121-11	8121-7	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	2 3/16	5/8		
4	19	SO	20	600	Central Key	Fem. Shroud	8092-1 8092-50	8092-2 8092-52	28" 10"	1 5/8	1 5/8	3	8092-9	8092-6	14"	1 3/4	2 1/2	2 1/2	2	2	7/32	2 3/4	3/4		
4	10	SO	16	600	Central Key	Full Male Shroud	8122-1 8122-38	8122-2 8122-40	28" 10"	1 3/4	3	2	8122-19	8122-18	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	1 15/16	1		
4	8	W	30	600	Central Key	Full Male Shroud	8123-6 8123-46	8123-3 8123-48	30" 10"	2 3/8	3 11/16	2 1/4	8123-4	8123-2	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1 7/16		
4	6	W	30	600	Pin Size	Full Male Shroud	8110-5 8110-117	8110-2 8110-73	45" 10"	2 7/8	5 3/4	3 3/8	8110-16	8110-15	20"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1 9/16		
4	2	W	75	600	Pin Size	Full Male Shroud	8728-4 8728-20	8728-3 8728-22	24" 10"	2 7/8	6 1/2	4	8728-24	8728-26	20"	2 15/16	4	4	3 1/8	3 1/8	3/8	4 1/4	1 7/16		
4	2	W	75	600	Pilots (Short)	Full Male Shroud	8131-22* 8131-36	8131-21* 8131-39	30" 30"	2 7/8	6 1/2	4	8131-24	8131-24	20"	2 13/16	4	4	3 1/8	3 1/8	3/8	4 1/4	1 7/16		
4	4/0	SO	100 180	600	Pilots	Full Male Shroud	X1806-71	X1806-70	Field Attach	4 3/8	13	4 7/16	1806-110 (1/0 AWG) 1806-387 (4/0 AWG)	1806-91 1806-331	20" 24"	3 3/8 3 3/8	4 1/2 4 1/2	4 1/2 4 1/2	3 1/2 3 1/2	3 1/2 3 1/2	7/16 7/16	4 5/8 4 5/8	1 13/16 1 13/16		

* Type PCG Cable-Pilots carried through

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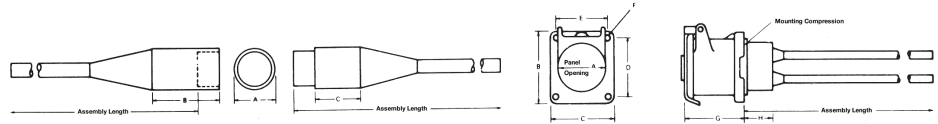
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No. of Cont.	ELECTRICAL DATA					Description		PART NUMBERS		Assembly Length	DIMENSIONS (Approximate Inches)			PART NUMBERS				Assembly Length	DIMENSIONS (Approx. Inches)							
	AWG	TYPE	AMP	VOLTS	Polarized By	Type of Seal	Male	Female	Without Covers		With Covers	Male	Female	A	B	C	Male		Female	A	B	C	D	E	F	G
5 POLE	5	18	SO	5	600	Pin Size	Fem. Shroud	8088-5 8088-20	8088-1 8088-22	28" 10"	1 1/4	1 3/8	2 7/8			8088-11	8088-9	14"	1 1/4	2	2	1 1/2	1 1/2	7/32	2 7/16	1/2
	5	14	SO	12	600	Pin Size	Full Male Shroud	8112-11 8112-71	8112-10 8112-76	28" 10"	1 1/4	2 3/16	1 5/8			8112-21	8112-24	14"	1 1/4	2	2	1 1/2	1 1/2	7/32	2 7/16	1 1/6
	5	12	SO	16	600	Pin Size	Full Male Shroud	8701-4 8701-27	8701-3 8701-29	28" 10"	1 3/8	2 1/2	2			8701-8	8701-7	14"	1 3/8	2	2	1 1/2	1 1/2	9/32	2 7/16	5/8
6 POLE	5	12	SO	16	600	Central Key	Full Male Shroud	8125-3 8125-44	8125-6 8125-72	28" 10"	1 5/8	2 3/4	1 3/4			8125-10	8125-4	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	2 3/16	1
	6	16	SO	8	600	Pin Size	Full Male Shroud	8125-3 8125-44	8125-6 8125-72	28" 10"	1 1/4	2	1 5/16			8113-27	8113-4	14"	1 1/4	2	2	1 1/2	1 1/2	7/32	2 7/16	7/16
	6	14	SO	12	600	Pin Size	Full Male Shroud	8114-12 8114-57	8114-4 8114-54	28" 10"	1 1/4	2 3/8	2 1/8			8114-14	8114-10	14"	1 1/4	2	2	1 1/2	1 1/2	7/32	2 7/16	3/4
	6	12	SO	16	600	Central Key	Full Male Shroud	8127-12 8127-84	8127-9 8127-79	28" 10"	1 5/8	2 3/4	1 3/4			8127-6	8127-7	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	2 3/16	5/8
	6	12	SO	16	600	Central Key	Full Male Shroud	8128-41 8128-55	8128-42 8128-62	28" 10"	1 3/4	3 1/8	2 1/8	8128-40	8128-39			14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	1 15/16	1 1/8
	6	8	SO	25	600	Central Key	Short Male Shroud	8566-4 8566-37	8566-3 8566-40	30" 10"	2 3/8	3 11/16	3	8566-6	8566-5			14"	2 3/8	3 3/8	3 3/8	2 3/4	2 3/4	9/32	2 3/16	1
7 POLE	7	14	SO	11	600	Pin Size	Full Male Shroud	8116-13 8116-44	8116-11 8116-30	28" 10"	1 1/2	2 3/16	1 5/8			8116-6	8116-2	14"	No Cover 1 1/2 Cover 1 1/2	2 5/8	2 5/8	2	2	9/32	1	7/8
	7	10	SO	18	600	Central Key	Fem. Shroud	8093-9 8093-40	8093-6 8093-42	28" 10"	2 3/8	3 1/16	4 7/16			8093-10	8093-7	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1

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	AWG	TYPE	AMP	VOLTS	#8	Polarized By	Type of Seal	Male	Female	Without Covers		With Covers	Male	Female	A	B	C	Male		Female	A	B	C	D	E	F	G	H
8	18	SO	5	600		Central Key	Full Male Shroud	8129-8 8129-27	8129-4 8129-29	28° 10"	1 3/8	1 3/4	1 1/16				8129-10	8129-6	14"	1 3/8	2	2	1 1/2	1 1/2	7/32	2 7/16	5/8	
	10	SO	18	600		Central Key	Fem. Shroud	8094-8 8094-63	8094-10 8094-65	28° 10"	2 3/8	3 1/16	4 7/16				8094-6	8094-4	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1	
9	10	Control	18	600		Pin Size	Fem. Shroud	8091-15 8091-31	8091-14 8091-33	28° 10"	2 3/8	1 11/16	3 1/8				8091-19	8091-18	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1	
10	10	Control	15	600		Central Key	Fem. Shroud	8097-13 8097-74	8097-12 8097-76	28° 10"	2 3/8	2 15/16	4 7/16				8097-17	8097-16	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1	
12	16	Control	5	600		Central Key	Fem. Shroud	8100-4 8100-32	8100-5 8100-34	28° 10"	1 5/8	2 1/4	2 9/16				8100-7	8100-6	14"	1 3/4	2 1/2	2 1/4	2	1 3/4	7/32	2 3/16	13/16	
12	12	Control	20	600		Central Key	Fem. Shroud		8402-31 8402-2 8402-32	28° 6" 10"	2 3/8	----	4				8402-14	8402-13	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1/2	
12	10	Control	15	600		Central Key	Fem. Shroud	8101-12 8101-127	8101-27 8101-129	28° 10"	2 3/8	1 5/8	3 1/8				8101-28	8101-11	14"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	3/4	
16	12	Control	10	600		Central Key	Fem. Shroud	8431-29 8431-115	8431-8 8431-117	30° 6"	3	2 29/32	3				8431-12	8431-12	20"	2 3/8	3 1/4	3 1/4	2 5/8	2 5/8	9/32	2 1/2	1/2	
20	16	Control	7	600		Central Key	Fem. Shroud	8753-2	8753-1	28°	3	2 29/32	3				8753-28		12"	3	4	4	3 1/8	3 1/8	3/8	4 1/4	1 1/8	
24	16	Control	7	600		Central Key	Fem. Shroud	8441-16 8441-60	8441-61 8441-63	30° 10"	3	3 15/16	3 5/8				8441-30	8441-18	20"	3	4	4	3 1/8	3 1/8	3/8	4 1/4	5/8	

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