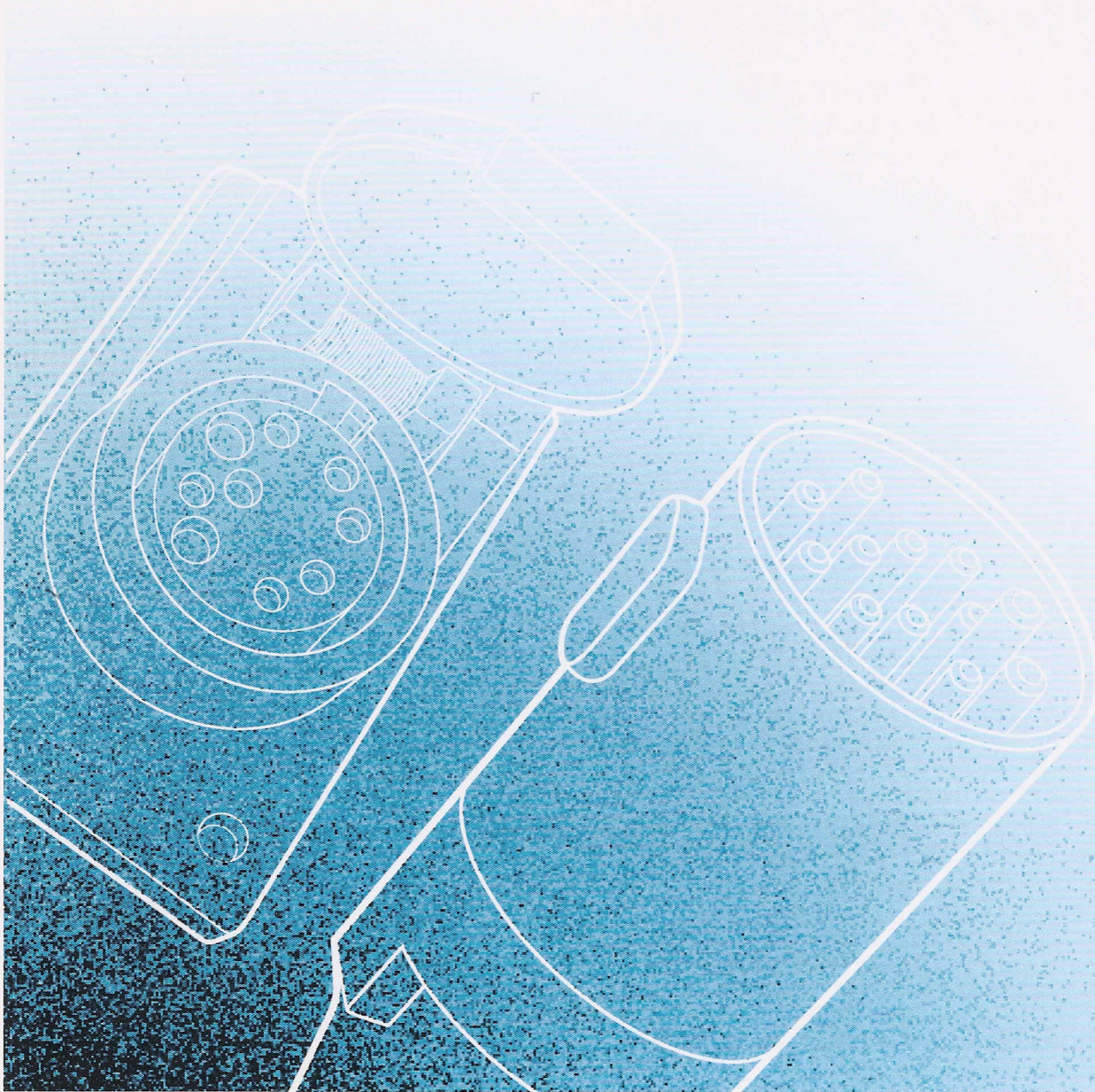


Crouse-Hinds Molded Products ECC Connectors



COOPER

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Crouse-Hinds ECC Connectors with molded-to-cable construction provide circuit integrity.

Electrical Parameters

3 to 12 Contacts, #12 A WG Conductors.

Up to 600 Volts; 20 Amps.

A rugged combination of a molded-to-cable male plug and a female terminal back receptacle. The receptacle is designed for convenient mounting on standard FS or FD wiring boxes. The plug is furnished molded to various lengths of either Neoprene® or polyvinyl chloride, 600 volt cable.

The ECC Connector has found widespread use in applications where operating conditions are demanding, and the utmost in reliability is required due to the high cost of downtime.

Rugged construction

Resilient molded plug resists breaking or shattering when handled roughly or dropped. Tapered molded cable junction and built-in strain reliefs at rear of plug withstand extreme amounts of flexing and jerking. Contacts are bonded in rubber; won't loosen or fall out.

Positive polarization

Three way polarization — (pin arrangement, pin size and a polarizing rib) — provide positive polarization.

Water tight, dust tight and corrosion resistant

A full-length shroud over the male pins fits snugly around the mating surfaces of the receptacle. When the plug is not engaged, a spring-loaded receptacle cover seals out dirt, dust, and moisture. The mounting area of the wiring box is sealed by a flexible gasket. Specially formulated compounds are highly resistive to the deteriorating effects of oil, dust, acids and sunlight.

Safe

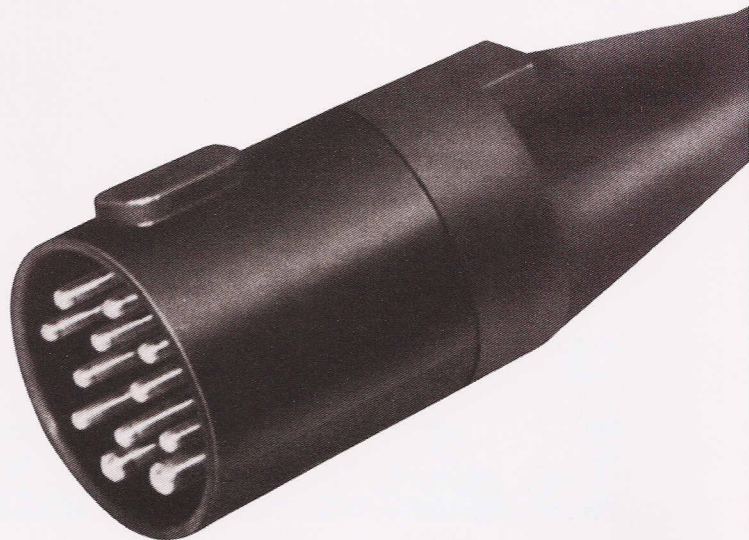
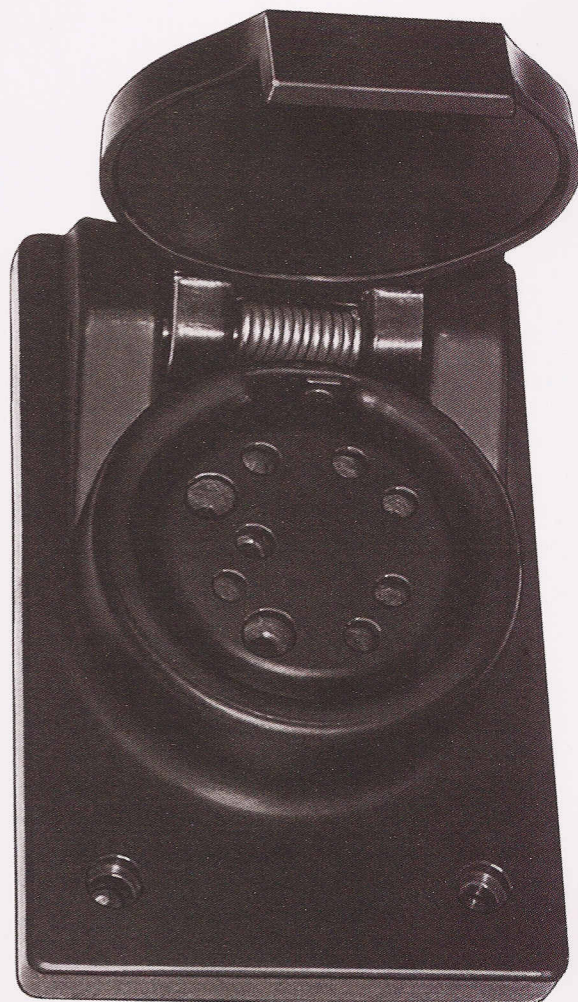
All electrical components are enclosed in or shielded by synthetic rubber insulation. Male contacts are covered by an extended shroud. In addition, the ground pin makes contact first and breaks contact last. The plug is held firmly in place by the spring-loaded cover, providing a secure connection.

Easily wired and installed

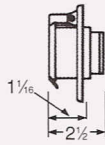
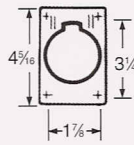
Contacts are permanently numbered for quick reference to color coding. Receptacles have well-separated terminals for simplified wiring and fit common factory wiring boxes for easy installation. Plugs are prewired and molded to cable at the factory eliminating the need for attachment on the job site.

Economical

No assembly labor to attach plugs to cable, saves time and money. Cost of plugs with cable compare with the cost of quality attachable plugs without cable.



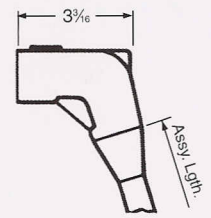
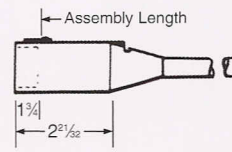
ECC Connectors- Round



DIMENSIONS



X8580
Only



Color Code	Electrical Data			Male Plugs		Female Receptacles
	No. of Cont.	AWG	AMP. (600V)	Assy. Lgth.	Cable Jacket Neoprene® PVC Part Nos.	
Contact No. Color 1 Green 2 Black 3 White X8630	3	12	20	6' 6' 12' 18'	X8630-28* X8630-10 X8630-11 X8630-12	X8630-8A
Contact No. Color G Green X Black Y White Z Red X8580	4	12	16	6' 6' 12' 18'	(Model 8018) X8580-30* X8580-12 X8580-13 X8580-14	(Model 8008) X8580-5
Contact No. Color 1 Green 2 Orange 3 Black 4 White 5 Red X8571	5	12	16	6' 12' 18'	(Model SKP5G) X8571-2 X8571-3 X8571-4	(Model SKR5G) X8571-24A
Contact No. Color 1 Green 2 Orange 3 Blue 4 Black 5 White 6 Red X8768	6	12	16	6' 6' 12' 18'	(Model SKP6G) X8768-23* X8768-5 X8768-6 X8768-7	(Model SKR6G) X8768-31A
Contact No. Color 1 Green 2 Orange 3 Blue 4 White w/Black 5 Black 6 White 7 Red X8771	7	12	16	6' 12' 18'	(Model SKP7G) X8771-5 X8771-6 X8771-7 X8771-1 X8771-2 X8771-3	(Model SKR7G) X8771-28A
Contact No. Color 1 Green 2 Orange 3 Blue 4 White w/Black 5 Red w/Black 6 Black 7 White 8 Red X8769	8	12	15	6' 12' 18'	(Model SKP8G) X8769-5 X8769-6 X8769-7	(Model SKR8G) X8769-28A
Contact No. Color 1 Green 2 Orange 3 Blue 4 White w/Black 5 Red w/Black 6 Green w/Black 7 Black 8 White 9 Red X8616	9	12	12	6' 12' 18' 18'	(Model SKP9G) X8616-13 X8616-14 X8616-15 75°ANGLE X8616-44*	(Model SKR9G) X8616-54A
Contact No. Color 1 Green 2 Orange 3 Blue 4 White w/Black 5 Red w/Black 6 Green w/Black 7 Orange w/Black 8 Black w/Black 9 White 10 Red X8770	10	12	14	6' 12' 18'	(Model SKP10G) X8770-5 X8770-6 X8770-7	(Model SKR10G) X8770-21A
Contact No. Color 1 Green 2 Orange 3 Blue 4 White w/Black 5 Red w/Black 6 Green w/Black 7 Orange w/Black 8 Blue w/Black 9 White 10 Black 11 Red X8398	11	12	14	6' 12' 18'	(Model SKP11G) X8398-7 X8398-8 X8398-9 X8398-10 X8398-11 X8398-12	(Model SKR11G) X8398-30A
Contact No. Color 1 Green 2 Orange 3 Blue 4 White w/Black 5 Red w/Black 6 Green w/Black 7 Orange w/Black 8 Blue w/Black 9 White 10 Black 11 Red 12 Black w/White X8358	12	12	13	6' 12' 18' 18'	(Model SKP12G) X8358-3 X8358-10 X8358-11 75°ANGLE X8358-50*	(Model SKR12G) X8358-63A

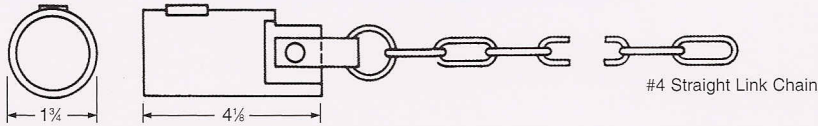
NOTE: Refer to price list for identification of stock items.
Neoprene is a registered trademark of DuPont.

*All rubber skirt

ECC Connectors — Round Shorting Seals

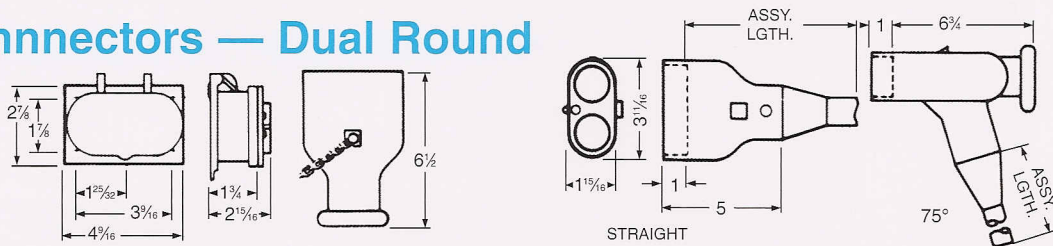
DIMENSIONS

1½" (X8580 Only)



Pin Arrangement	Part No.	Pin Shorting	Chain	Special Notes
 X8580	X8580-3	X&Y&Z	G Open	Yellow
	X8580-11	X&G Y&Z		Green
	X8580-17	X&G Y&Z		
 X8771	X8771-9	1&5, 2&6, 3&4	7 Open	
	X8771-10	2&3, 5&5	1, 4, 6 Open	
	X8771-18	2&5, 3&7, 4&8	1 Open	
 X8616	X8616-9	2&8, 3&9, 4&8, 5&7	1 Open	
	X8616-19	2&8, 4&6	1, 3, 5, 7, 9 Open	
	X8616-34	2&8, 3&9, 4&6, 5&7	1 Open	#1/0 Chain
 X8358	X8358-17	2&3, 4&8, 5&7, 6&9, 10&11	1, 12 Open	
	X8358-19	2&4, 3&9, 5&10, 6&8, 7&11	1, 12 Open	
	X8358-27	2&3, 4&5, 10&11	1, 6, 7, 8, 9, 12 Open	
	X8358-30	2&5, 3&4, 5&7, 8&11, 9&10	1&12 Open	
	X8358-38	2&4, 3&9, 5&10, 6&8, 7&11	1, 12 Open	

ECC Connectors — Dual Round



	No. of Cond.	AMP. AWG	AMP. (600V)	Male Plug		Female Receptacle	SHORTING SEALS					
				Assy. Lgth.	Neoprene Cable		Part No.	Pin Shorting		Chain (Navy Chain)	Special Notes	
					Straight	75°		A	B			
X8382	9	16	8	12'	X8382-10	X8382-23	X8382-1 (Neoprene Insert) (Metal Mounting Shell)	X8382-3	1&2, 3&4G	1&2, 3&4G	Link 3' #4Str. LK.	Red Red Blue
				18'	X8382-13	X8382-24		X8382-18	No Pins	2&3	2'	
				20'	X8382-6	X8382-25		X8382-19	3&4G	2&3, 1&4G	2'	
								X8382-21	3&4G, 1&2	3&4G	2'	
X8658	9	16	8	12'	X8658-25	X8658-23	X8658-3 (Neoprene Insert) (Metal Mounting Shell)	X8658-4	1&2, 3&4	1&2, 3&4	2'	Yellow 1&2 1/4" Shorter
				18'	X8658-26	X8658-21		X8658-19	5&5		2'	
				20'	X8658-27	X8658-22		X8658-20	1&2, 3&4	1&2, 3&4	2'	
	6'				5 omitted	5 omitted						
	12'	X8658-14			1&2, 3&4	1&2, 3&4		2'				
	18'	X8658-15	X8658-29		5&5							
11	16	8	20'	X8658-17								

NOTE: Refer to price list for identification of stock items.

COLOR CODE	X8382				X8658 9/C					X8658 11/C				
	Contact No.	Color	A	B	Contact No.	Color	A	B	Contact No.	Color	A	B		
	1	Orange	2	Green w/Black	1	Orange	2	Green w/Black	1	Yellow w/Black	2	Red w/Black		
	2	Red w/Black	3	Red	3	Red w/Black	3	Red	2	Black w/Black	3	Green w/Red		
	3	White w/Black	4	White	4	White w/Black	4	White	3	Blue	4	Red		
	4	Blue	4	Black	5	Blue w/Black	5	Black	4	Blue w/Black	5	White		
			Grd.	Green	5	Jumpered to 5B	Grd.	Green	5	Yellow	Grd.	White w/Black		
												Green		



Crouse-Hinds

Quality from Cooper Industries

Crouse-Hinds reserves the right to alter or improve the design or construction of its products and to furnish them, when so altered, without reference to the illustrations or descriptions in this bulletin.

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