Powertite® 30 Amp Pin and Sleeve Plugs and Receptacles

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .281". Wire Size Range: #10—#6 Building; #10—#8 Extra Flex.

NEMA 3, 3R, 4, 4X



Grounding Style	Wire/Pole	Receptacle with AEE Mounting Box *	Hub Size (Inches)	Receptacle Only †	Metallic Clamping Ring Plug ‡	Nonmetallic Clamping Ring Plug ‡	Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ADRE3022-50**	1/2	**ADR3022**	**ACP3022BC**	—	.500 to 1.250
		ADRE3022-75	3/4				
	3W, 3P	**ADRE3033-75**	3/4	**ADR3033**	**ACP3033BC**	—	.500 to 1.250
		ADRE3033-100	1				
	4W, 4P	**ADRE3044-75**	3/4	**ADR3044**	**ACP3044BC**	—	.500 to 1.250
		ADRE3044-100	1				
Style 2 (Shell and Extra Pole)	2W, 3P	**ADRE3023-75**	3/4	**ADR3023**	**ACP3023BC**	—	.500 to 1.250
		ADRE3023-100	1				
	3W, 4P	**ADRE3034-75**	3/4	**ADR3034**	**ACP3034BC**	**NMACP3034BC**	.500 to 1.250
		ADRE3034-100	1				

Receptacles are provided with spring door and screw cap.
*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Horsepower Ratings for Emergency Disconnect Under Load

Plug may be withdrawn in an emergency if within these maximum HP ratings. Not for normal starting and stopping.

		Motor Horsepower			
Phase Motor	Wire/Pole	120 Vac	240 Vac	480 Vac	600 Vac
1-Phase	2W, 2P or 2W, 3P	2HP	3HP	10HP	10HP
3-Phase	3W, 3P; 3W, 4P; or 4W, 4P	3HP	7-1/2HP	15HP	20HP

** For additional mounting boxes, see Aluminum Mounting Boxes.*
‡ Plug and receptacle combination is NEMA 4X rated when clamping ring is fully tightened on receptacle.
† Receptacle is NEMA 4X rated when screw cap is closed when the receptacle is not in use.

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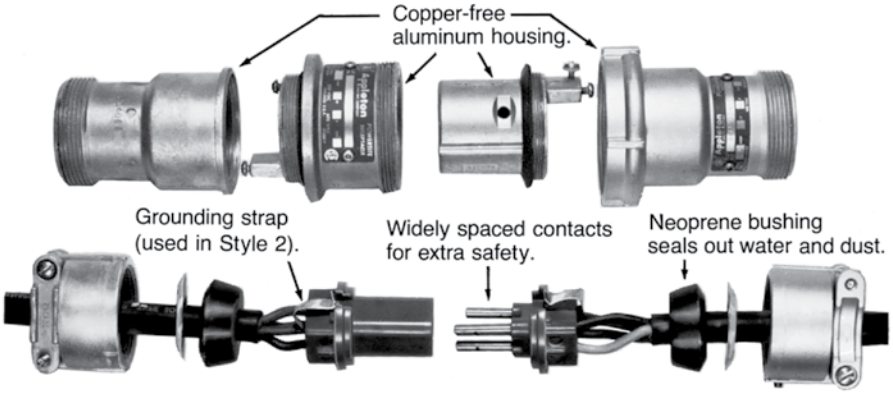
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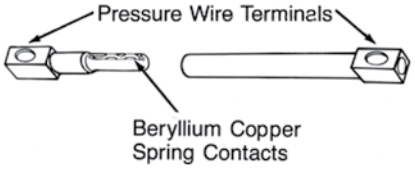


Grounding Style	Wire/Pole	Connector Body Only	Metallic Clamping Ring Plug ‡	Connector/Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ARC3022BC**	**ACP3022BC**	.500 to 1.250
	3W, 3P	**ARC3033BC**	**ACP3033BC**	.500 to 1.250
	4W, 4P	**ARC3044BC**	**ACP3044BC**	.500 to 1.250
Style 2 (Shell and Extra Pole)	2W, 3P	**ARC3023BC**	**ACP3023BC**	.500 to 1.250
	3W, 4P	**ARC3034BC**	**ACP3034BC**	.500 to 1.250

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Pin and Sleeve Design





Energized contacts deeply recessed to reduce danger of accidental touching, minimize possibility of exposed arcs. Insulator quenches arcing, and is resistant to abnormal heat and to fire.

Plug mechanical cable clamps provide strain relief conductor connections, allow easy cable replacement.

Pressure wire terminals allow cable to be readily replaced when necessary. Terminal screws grip conductors firmly. Spring contacts provide constant pressure.

‡ Plug and connector body combination is NEMA 4X rated when clamping ring is fully tightened on connector body.

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Grounding Style	Wire/Pole	Receptacle with AEE Mounting Box *	Hub Size (Inches)	Receptacle Only †	Metallic Clamping Ring Plug ‡	Nonmetallic Clamping Ring Plug ‡	Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ADRE3022-50**	1/2	**ADR3022**	**ACP3022BC**	—	.500 to 1.250
		ADRE3022-75	3/4				
	3W, 3P	**ADRE3033-75**	3/4	**ADR3033**	**ACP3033BC**	—	.500 to 1.250
		ADRE3033-100	1				
	4W, 4P	**ADRE3044-75**	3/4	**ADR3044**	**ACP3044BC**	—	.500 to 1.250
		ADRE3044-100	1				
Style 2 (Shell and Extra Pole)	2W, 3P	**ADRE3023-75**	3/4	**ADR3023**	**ACP3023BC**	—	.500 to 1.250
		ADRE3023-100	1				
	3W, 4P	**ADRE3034-75**	3/4	**ADR3034**	**ACP3034BC**	**NMACP3034BC**	.500 to 1.250
		ADRE3034-100	1				

Receptacles are provided with spring door and screw cap.
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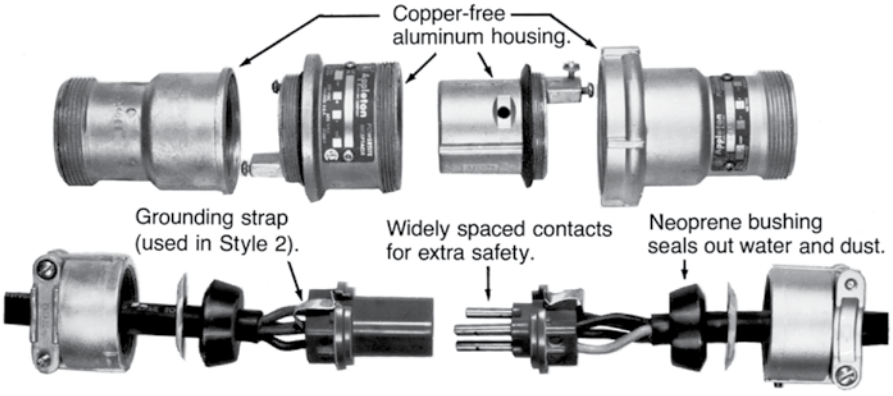
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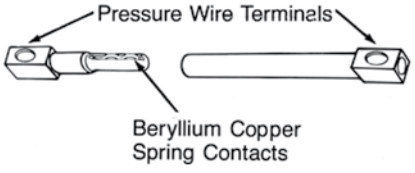


Grounding Style	Wire/Pole	Connector Body Only	Metallic Clamping Ring Plug ‡	Connector/Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ARC3022BC**	**ACP3022BC**	.500 to 1.250
	3W, 3P	**ARC3033BC**	**ACP3033BC**	.500 to 1.250
	4W, 4P	**ARC3044BC**	**ACP3044BC**	.500 to 1.250
Style 2 (Shell and Extra Pole)	2W, 3P	**ARC3023BC**	**ACP3023BC**	.500 to 1.250
	3W, 4P	**ARC3034BC**	**ACP3034BC**	.500 to 1.250

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