

Powerlite® 100 and 150 Amp Pin and Sleeve Receptacles and Plugs

250 Volt D.C., 600 Volt A.C., 50-400 Hz Pressure Wire Terminals.

100 Amp: Wire Recess Diameter: .391". Wire Size Range: #4—#1 Building; #4—#2 Extra Flex.

150 Amp: Wire Recess Diameter: .525". Wire Size Range: #2—1/0 Building; #2—#1/0 Extra Flex.

NEMA 4X Receptacles and Plugs Catalog Number

Description

Receptacles are provided with spring door and screw cap.



Grounding Style	Wire/Pole	Hub Size, Inches	Plug Cable Range, Inches	Receptacle with AJA Mounting Box*	Receptacle Only†	Clamping Ring Plug**
100 Amp Style 1	2W,2P	1-1/4	.875 to 1.906	ADJA1022-125	ADR1022	ACP1022CD
		1-1/2	.875 to 1.906	ADJA1022-150	ADR1022	ACP1022CD
	3W,3P	1-1/4	.875 to 1.906	ADJA1033-125	ADR1033	ACP1033CD
		1-1/2	.875 to 1.906	ADJA1033-150	ADR1033	ACP1033CD
	4W,4P	1-1/2	.875 to 1.906	ADJA1044-150	ADR1044	ACP1044CD
		2	.875 to 1.906	ADJA1044-200	ADR1044	ACP1044CD
100 Amp Style 2	2W,3P	1-1/4	.875 to 1.906	ADJA1023-125	ADR1023	ACP1023CD
		1-1/2	.875 to 1.906	ADJA1023-150	ADR1023	ACP1023CD
	3W,4P	1-1/2	.875 to 1.906	ADJA1034-150	ADR1034	ACP1034CD
		2	.875 to 1.906	ADJA1034-200	ADR1034	ACP1034CD
	3W,4P	1-1/2	.875 to 1.906	ADJA15034-150	ADR15034	ACP15034CD
		2	1.250 to 2.187	ADJA15034-200	ADR15034	ACP15034DE

Maximum Horsepower Ratings: Receptacles, Plugs and Connectors.

100 Amp

- Not for normal starting and stopping, but plug may be withdrawn in an emergency if within these maximum H.P. ratings.
- For Reverse Service add suffix **-RS** to catalog number.

150 Amp

- Not for normal starting and stopping. Do not disconnect under load.
- For Reverse Service add suffix **-RS** to catalog number.

Amp	Phase Motor	Wire/Pole	Motor Horsepower			
			120V	240V	480V	600V
100	1-Phase	2W,2P or 2W,3P	7-1/2HP	15HP	30HP	30HP
	3-Phase	3W,3P; 3W,4P; or 4W,4P	10HP	20HP	40HP	40HP
150	3-Phase	3W,4P	—	50HP	100HP	100HP

* For Additional Mounting Boxes, See Page D-12. ** 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.

Powertite® Series Intermateable Equivalents

Appleton Powertite® and Crouse-Hinds Arktite® Plugs, Receptacles, Cord Connectors and Mounting Boxes listed here are Equivalent and Completely Intermateable.

Crouse-Hinds Catalog Number	Appleton Catalog Number	Crouse-Hinds Catalog Number	Appleton Catalog Number
AREA6214	ADJA6022-125	AREA10426	ADJA1034-200
AREA6233	ADJA6022-100	AREA10435	ADJA1044-150
AREA6234	ADJA6022-125	AREA10436	ADJA1044-200
AREA6273	ADJA6022-100	AREA10445	ADJA1034-150
AREA6274	ADJA6022-125	AREA10446	ADJA1034-200
AREA6313	ADJA6033-100	AREA10475	ADJA1044-150
AREA6314	ADJA6033-125	AREA10476	ADJA1044-200
AREA6323	ADJA6023-100	AREA10485	ADJA1034-150
AREA6324	ADJA6023-125	AREA10486	ADJA1034-200
AREA6333	ADJA6033-100	AREA20315	AJA20033-150
AREA6334	ADJA6033-125	AREA20316	AJA20033-200
AREA6343	ADJA6023-100	AREA20317	AJA20033-250
AREA6344	ADJA6023-125	AREA20325	AJA20023-150
AREA6373	ADJA6033-100	AREA20326	AJA20023-200
AREA6374	ADJA6033-125	AREA20327	AJA20023-250
AREA6383	ADJA6023-100	AREA20416	AJA20044-200
AREA6384	ADJA6023-125	AREA20417	AJA20044-250
AREA6414	ADJA6044-125	AREA20425	AJA20034-150
AREA6415	ADJA6044-150	AREA20426	AJA20034-200
AREA6424	ADJA6034-125	AREA20427	AJA20034-250
AREA6425	ADJA6034-150	AREX40317	AJA40033-400
AREA6434	ADJA6044-125	AREX40318	AJA40033-400
AREA6435	ADJA6044-150	AREX40326	AJA40023-400
AREA6444	ADJA6034-125	AREX40327	AJA40023-400
AREA6445	ADJA6034-150	AREX40328	AJA40023-400
AREA6474	ADJA6044-125	AREX40417	AJA40044-400
AREA6475	ADJA6044-150	AREX40418	AJA40044-400
AREA6484	ADJA6034-125	AREX40427	AJA40034-400
AREA6485	ADJA6034-150	AREX40428	AJA40034-400
AREA10214	ADJA1022-125	AREX403128	AJA40133-400
AREA10215	ADJA1022-150	AREX403129	AJA40133-400
AREA10234	ADJA1022-125	AREX403228	AJA40123-400
AREA10235	ADJA1022-150	AREX403229	AJA40123-400
AREA10274	ADJA1022-125	AREX4031210	AJA40133-400
AREA10275	ADJA1022-150	AREX4032210	AJA40123-400
AREA10314	ADJA1033-125	AREX4041210	AJA40144-400
AREA10315	ADJA1033-150	AREX4041212	AJA40144-400
AREA10324	ADJA1023-125	AREX4042210	AJA40134-400
AREA10325	ADJA1023-150	AREX4042212	AJA40134-400
AREA10334	ADJA1033-125	ARRC23	AERC23
AREA10335	ADJA1033-150	ARRC33	AERC33
AREA10344	ADJA1023-125	ARRC36	AERC36
AREA10345	ADJA1023-150	ARRC46	AERC46
AREA10374	ADJA1033-125	ARRC56	AERC56
AREA10375	ADJA1033-150	ARRH13	AERH13
AREA10384	ADJA1023-125	ARRH23	AERH23
AREA10385	ADJA1023-150	ARRH33	AERH33
AREA10415	ADJA1044-150	ARRH36	AERH36
AREA10416	ADJA1044-200	ARRH46	AERH46
AREA10425	ADJA1034-150	ARRH56	AERH56