

Arktite AR circuit breaking round flange receptacle housings for panel mounting

30A, 60A, 100A and 200A; 600 VAC/250 VDC

Weatherproof
For use with APJ and AP plugs

1P

Applications:

- Arktite® AR round flange receptacle housings are designed specifically for semi-flush mounting in sheet metal panels or cabinets

Features:

- Back boxes are not needed for these receptacle assemblies
- Where wiring behind a panel is exposed and subject to either mechanical injury or contact by personnel, suitable shields or guards should be provided



AR receptacle housing with round flange and threaded cap



APJ plugs with cable grip, neoprene bushing and fastening ring

Certifications and compliances:

- UL standard: UL1682

Standard materials:

- Receptacle housings – copper-free aluminum
- Plug exteriors – copper-free aluminum
- Insulation (30, 60, 100, 200 ampere) – fiberglass-reinforced polyester
- Pressure and solder contacts – brass
- Crimp/solder contacts – leaded red brass

Standard finishes:

- Copper-free aluminum – natural
- Brass – natural
- Fiberglass-reinforced polyester – natural (red)
- Leaded red brass – electro-tin-plate

Ordering information:

Amperage	Style ^A	Description	Cat. # Receptacle	Cable dia.	Cat. # Plug
30	1	3-wire, 3-pole ^B	AR6337	0.60 - 1.20"	APJ3375
	2	4-wire, 4-pole ^B	AR6347	0.60 - 1.20"	APJ3475
60	1	3-wire, 3-pole ^B	AR6348	0.60 - 1.20"	APJ3485
		4-wire, 4-pole ^B	AR6637	0.75 - 1.45"	APJ6375
	2	3-wire, 3-pole ^B	AR6647	0.75 - 1.45"	APJ6475
		4-wire, 4-pole ^B	AR6648	0.75 - 1.45"	APJ6485
100	1	3-wire, 3-pole ^B	AR61037	1.00 - 1.70"	APJ10377
	2	4-wire, 4-pole ^B	AR61047	1.00 - 1.70"	APJ10477
		3-wire, 4-pole ^B	AR61048	1.00 - 1.70"	APJ10487
200	1	3-wire, 3-pole	AR62031 ^C	0.875 - 1.375"	AP20355
	2	2-wire, 3-pole	AR62032 ^C	1.875 - 2.500"	AP20358
				0.875 - 1.375"	AP20365
				1.875 - 2.500"	AP20368

Options:

- | Description | Suffix |
|--------------------------|------------|
| • Reverse service | S22 |
| • Special polarity | S4 |

Receptacle interior rotated 22½° to right and plug changed to match

For use where two or more receptacles of the same ampere rating, style and number of poles are to be installed in the same area for use on different voltages and/or frequencies

Prevents insertion of a plug in a receptacle with different electrical rating

^A Style 1 – grounded through shell. Style 2 – grounded through extra pole and shell.

^B Pressure connectors are standard. Crimp/solder type terminators are optionally available for 2-, 3- and 4-pole 30A, and 3- and 4-pole 60A and 100A. To order, add suffix 'T' to end of catalog number. For example: APJ3375-T (plug); AR6337-T (receptacle).

^C 200A size is provided with clamp cover.

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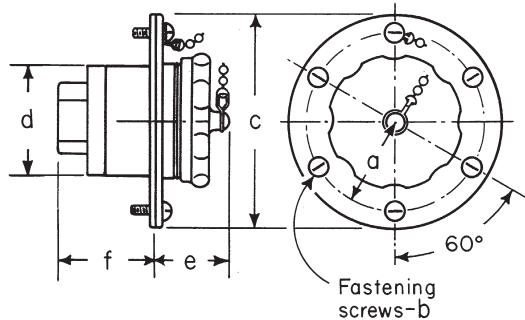
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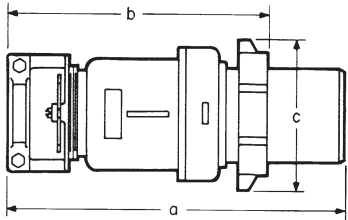
Dimensions (in inches):

AR round flange receptacles

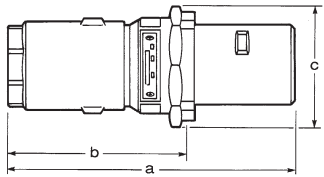


Description	a	b	c	d	e	f
30A, 2-, 3-, 4-pole	2	12-24	4 ³ / ₄	2 ⁷ / ₁₆	1 ⁵ / ₈	2 ¹ / ₄
60A, 2-, 3-pole	2	12-24	4 ³ / ₄	2 ¹³ / ₁₆	1 ⁷ / ₈	3 ³ / ₈
60A, 4-pole	2	12-24	4 ³ / ₄	3 ¹ / ₈	1 ⁷ / ₈	3 ³ / ₈
100A, 2-, 3-pole	2	12-24	4 ³ / ₄	3 ¹ / ₁₆	1 ⁷ / ₈	4 ³ / ₁₆
100A, 4-pole	2	12-24	4 ³ / ₄	3 ⁵ / ₁₆	1 ⁷ / ₈	4 ⁹ / ₁₆
200A, 3-pole	3 ³ / ₈	3 ³ / ₈ -16	7 ³ / ₄	4 ³ / ₁₆	2 ⁷ / ₈	5 ¹ / ₈

AP and APJ plugs



AP 200A plugs



APJ 30A, 60A and 100A plugs

Amperage	No. of poles	a	b	c
30	2, 3 or 4	6 ¹ / ₂	4 ¹³ / ₁₆	2 ¹⁵ / ₁₆
60	2 or 3	8 ¹ / ₂	5 ³ / ₄	3 ⁵ / ₈
60	4	8 ¹ / ₂	5 ¹³ / ₁₆	3 ³ / ₄
100	2 or 3	10 ¹ / ₈	6 ⁵ / ₁₆	3 ³ / ₄
100	4	10 ¹ / ₈	6 ⁷ / ₈	4 ¹ / ₈
200	3	14 ³ / ₄	10 ¹¹ / ₁₆	6 ³ / ₄

Note: These dimensions are approximate and vary with cable size.

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