

# PSU Series AC Motor Start Capacitors

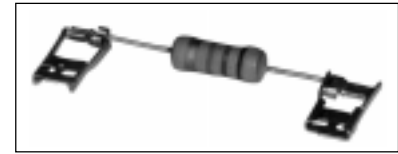


- For Motor Starting and other Intermittent Duty AC Applications
- Dual Quick Connect Terminals
- Rugged Bakelite Case
- Compact Size
- Easily Mounted
- Dual rated parts are tested and marked with highest voltage rating.

## GENERAL SPECIFICATIONS

Operating Temperature:  
-40°C to +65°C  
Storage Temperature:  
-55°C to +85°C  
Voltage Range:  
110 to 330 VAC  
Capacitance Range:  
21 $\mu$ F to 1280 $\mu$ F  
Operating Frequency:  
50 to 60 Hz  
Power Factor: 10% max  
(12%  $\leq$  30 $\mu$ F)  
Meets EIA RS-463 Type 2  
(Normal Performance)

## ACR15KT Motor Start Resistor



15K Ohm 2 watt bleeder resistor for AC motor start applications. Saves relay switch contacts and capacitor, particularly in capacitor start-run applications.  
1/4" quick connect terminals eliminate need for soldering.

Cap $\mu$ F	VAC	Case Code	Diameter (Inches) $\pm$ .015	Length (Inches) $\pm$ .06	Catalog Number
21-25	110/125	1	1 7/16	2 3/4	PSU2115
25-30	110/125	1	1 7/16	2 3/4	PSU2515
30-36	110/125	1	1 7/16	2 3/4	PSU3015
36-43	110/125	1	1 7/16	2 3/4	PSU3615
43-52	110/125	1	1 7/16	2 3/4	PSU4315
47-56	110/125	1	1 7/16	2 3/4	PSU4715
53-64	110/125	1	1 7/16	2 3/4	PSU5315
64-77	110/125	1	1 7/16	2 3/4	PSU6415
72-86	110/125	1	1 7/16	2 3/4	PSU7215
88-106	110/125	1	1 7/16	2 3/4	PSU8815
108-130	110/125	1	1 7/16	2 3/4	PSU10815
124-149	110/125	1	1 7/16	2 3/4	PSU12415
130-156	110/125	1	1 7/16	2 3/4	PSU13015
145-174	110/125	1	1 7/16	2 3/4	PSU14515
161-193	110/125	1	1 7/16	2 3/4	PSU16115
189-227	110/125	1	1 7/16	2 3/4	PSU18915A
200-240	110/125	2	1 7/16	3 3/8	PSU20015
216-259	110/125	2	1 7/16	3 3/8	PSU21615
▶ 216-259	110/125	1	1 7/16	2 3/4	PSU21615A
▶ 233-280	110/125	2	1 7/16	3 3/8	PSU23315A
▶ 233-280	110/125	1	1 7/16	2 3/4	PSU23315B
▶ 243-292	110/125	2	1 7/16	3 3/8	PSU24315A
▶ 243-292	110/125	1	1 7/16	2 3/4	PSU24315B
▶ 270-324	110/125	2	1 7/16	3 3/8	PSU27015A
▶ 270-324	110/125	1	1 7/16	2 3/4	PSU27015B
▶ 300-360	110/125	4	1 13/16	3 3/8	PSU30015
▶ 324-389	110/125	3	1 7/16	4 3/8	PSU32415A
▶ 324-389	110/125	1	1 7/16	2 3/4	PSU32415B
▶ 340-408	110/125	4	1 13/16	3 3/8	PSU34015
▶ 340-408	110/125	2	1 7/16	3 3/8	PSU34015A
▶ 378-454	110/125	4	1 13/16	3 3/8	PSU37815
▶ 378-454	110/125	2	1 7/16	3 3/8	PSU37815A
▶ 400-480	110/125	4	1 13/16	3 3/8	PSU40015
▶ 400-480	110/125	2	1 7/16	3 3/8	PSU40015A
▶ 430-516	110/125	4	1 13/16	3 3/8	PSU43015A
▶ 430-516	110/125	2	1 7/16	3 3/8	PSU43015B
▶ 460-552	110/125	4	1 13/16	3 3/8	PSU46015A
▶ 460-552	110/125	2	1 7/16	3 3/8	PSU46015B
▶ 540-648	110/125	4	1 13/16	3 3/8	PSU54015A
▶ 540-648	110/125	5	1 13/16	4 3/8	PSU54015B
▶ 590-708	110/125	5	1 13/16	4 3/8	PSU59015A
▶ 590-708	110/125	4	1 13/16	3 3/8	PSU59015B
▶ 645-774	110/125	5	1 13/16	4 3/8	PSU64515
▶ 645-774	110/125	4	1 13/16	3 3/8	PSU64515A
▶ 708-850	110/125	5	1 13/16	4 3/8	PSU70815
▶ 708-850	110/125	4	1 13/16	3 3/8	PSU70815A
▶ 720-864	110/125	5	1 13/16	4 3/8	PSU72015
▶ 720-864	110/125	4	1 13/16	3 3/8	PSU72015A
▶ 800-960	110/125	5	1 13/16	4 3/8	PSU80015
▶ 800-960	110/125	4	1 13/16	3 3/8	PSU80015A
▶ 815-978	110/125	5	1 13/16	4 3/8	PSU81515
▶ 815-978	110/125	4	1 13/16	3 3/8	PSU81515A
▶ 829-995	110/125	5	1 13/16	4 3/8	PSU82915A
▶ 829-995	110/125	4	1 13/16	3 3/8	PSU82915B
▶ 850-1020	110/125	5	1 13/16	4 3/8	PSU85015

Cap $\mu$ F	VAC	Case Code	Diameter (Inches) $\pm$ .015	Length (Inches) $\pm$ .06	Catalog Number
▶ 850-1020	110/125	4	1 13/16	3 3/8	PSU85015A
▶ 1000-1200	110/125	7	2 1/16	4 3/8	PSU100015A
▶ 1020-1224	110/125	7	2 1/16	4 3/8	PSU102015
▶ 1175-1410	110/125	7	2 1/16	4 3/8	PSU117515
▶ 1280-1536	110/125	7	2 1/16	4 3/8	PSU128015
▶ 21-25	165	1	1 7/16	2 3/4	PSU2165A
▶ 25-30	165	1	1 7/16	2 3/4	PSU2565A
▶ 30-36	165	1	1 7/16	2 3/4	PSU3065A
▶ 36-43	165	1	1 7/16	2 3/4	PSU3665A
▶ 43-52	165	1	1 7/16	2 3/4	PSU4365A
▶ 47-56	165	1	1 7/16	2 3/4	PSU4765A
▶ 53-64	165	1	1 7/16	2 3/4	PSU5365A
▶ 64-77	165	1	1 7/16	2 3/4	PSU6465A
▶ 72-86	165	1	1 7/16	2 3/4	PSU7265A
▶ 88-106	165	2	1 7/16	3 3/8	PSU8865
▶ 88-106	165	1	1 7/16	2 3/4	PSU8865A
▶ 108-130	165	2	1 7/16	3 3/8	PSU10865
▶ 108-130	165	1	1 7/16	2 3/4	PSU10865A
▶ 124-149	165	2	1 7/16	3 3/8	PSU12465
▶ 124-149	165	1	1 7/16	2 3/4	PSU12465A
▶ 130-156	165	2	1 7/16	3 3/8	PSU13065
▶ 130-156	165	1	1 7/16	2 3/4	PSU13065A
▶ 145-174	165	2	1 7/16	3 3/8	PSU14565
▶ 145-174	165	1	1 7/16	2 3/4	PSU14565A
▶ 161-193	165	2	1 7/16	3 3/8	PSU16165
▶ 161-193	165	1	1 7/16	2 3/4	PSU16165A
▶ 189-227	165	2	1 7/16	3 3/8	PSU18965B
▶ 189-227	165	1	1 7/16	2 3/4	PSU18965C
▶ 216-259	165	4	1 13/16	3 3/8	PSU21665A
▶ 233-280	165	3	1 7/16	4 3/8	PSU23365
▶ 233-280	165	4	1 13/16	3 3/8	PSU23365A
▶ 243-292	165	3	1 7/16	4 3/8	PSU24365
▶ 243-292	165	4	1 13/16	3 3/8	PSU24365A
▶ 270-324	165	3	1 7/16	4 3/8	PSU27065A
▶ 270-324	165	4	1 13/16	3 3/8	PSU27065B
▶ 324-389	165	5	1 13/16	4 3/8	PSU32465
▶ 324-389	165	4	1 13/16	3 3/8	PSU32465A
▶ 340-408	165	5	1 13/16	4 3/8	PSU34065
▶ 340-408	165	4	1 13/16	3 3/8	PSU34065A
▶ 378-454	165	5	1 13/16	4 3/8	PSU37865
▶ 378-454	165	4	1 13/16	3 3/8	PSU37865A
▶ 400-480	165	5	1 13/16	4 3/8	PSU40065
▶ 400-480	165	4	1 13/16	3 3/8	PSU40065A
▶ 430-516	165	5	1 13/16	4 3/8	PSU43065
▶ 430-516	165	4	1 13/16	3 3/8	PSU43065A
▶ 460-552	165	5	1 13/16	4 3/8	PSU46065
▶ 460-552	165	4	1 13/16	3 3/8	PSU46065A
▶ 540-648	165	7	2 1/16	4 3/8	PSU54065
▶ 540-648	165	4	1 13/16	3 3/8	PSU54065A
▶ 21-25	220/250	1	1 7/16	2 3/4	PSU2135
▶ 25-30	220/250	1	1 7/16	2 3/4	PSU2535
▶ 30-36	220/250	1	1 7/16	2 3/4	PSU3035
▶ 36-43	220/250	1	1 7/16	2 3/4	PSU3635
▶ 43-52	220/250	2	1 7/16	3 3/8	PSU4335B
▶ 43-52	220/250	1	1 7/16	2 3/4	PSU4335C

▶ Denotes a NEW Product

See pages 258 & 259 for Capacitor Hardware Plus Additional Resistor Choices.

Cap μF	VAC	Case Code	Diameter (Inches) ±.015	Length (Inches) ±.06	Catalog Number
47-56	220/250	2	1 7/16	3 3/8	PSU4735
▶ 47-56	220/250	1	1 7/16	2 3/4	PSU4735A
53-64	220/250	2	1 7/16	3 3/8	PSU5335
▶ 53-64	220/250	1	1 7/16	2 3/4	PSU5335A
64-77	220/250	2	1 7/16	3 3/8	PSU6435
▶ 64-77	220/250	1	1 7/16	2 3/4	PSU6435A
72-86	220/250	4	1 13/16	3 3/8	PSU7235
88-106	220/250	4	1 13/16	3 3/8	PSU8835
108-130	220/250	4	1 13/16	3 3/8	PSU10835A
124-149	220/250	5	1 13/16	4 3/8	PSU12435
▶ 124-149	220/250	4	1 13/16	3 3/8	PSU12435A
130-156	220/250	5	1 13/16	4 3/8	PSU13035
▶ 130-156	220/250	4	1 13/16	3 3/8	PSU13035A
145-174	220/250	5	1 13/16	4 3/8	PSU14535
▶ 145-174	220/250	4	1 13/16	3 3/8	PSU14535A
161-193	220/250	7	2 1/16	4 3/8	PSU16135A
189-227	220/250	7	2 1/16	4 3/8	PSU18935A
▶ 189-227	220/250	6	2 1/16	3 3/8	PSU18935B
216-259	220/250	7	2 1/16	4 3/8	PSU21635A
▶ 216-259	220/250	6	2 1/16	3 3/8	PSU21635B
233-280	220/250	7	2 1/16	4 3/8	PSU23335A
▶ 233-280	220/250	6	2 1/16	3 3/8	PSU23335B
243-292	220/250	7	2 1/16	4 3/8	PSU24335
▶ 243-292	220/250	6	2 1/16	3 3/8	PSU24335A
270-324	220/250	7	2 1/16	4 3/8	PSU27035A
▶ 270-324	220/250	6	2 1/16	3 3/8	PSU27035B
▶ 16-20	330	2	1 7/16	3 3/8	PSU1630
▶ 18-22	330	4	1 13/16	3 3/8	PSU1830

Cap μF	VAC	Case Code	Diameter (Inches) ±.015	Length (Inches) ±.06	Catalog Number
21-25	330	1	1 7/16	2 3/4	PSU2130
▶ 21-25	330	2	1 7/16	3 3/8	PSU2130A
25-30	330	2	1 7/16	3 3/8	PSU2530
30-36	330	2	1 7/16	3 3/8	PSU3030
36-43	330	2	1 7/16	3 3/8	PSU3630
43-52	330	2	1 7/16	3 3/8	PSU4330
▶ 43-52	330	4	1 13/16	3 3/8	PSU4330A
47-56	330	4	1 13/16	3 3/8	PSU4730
53-64	330	4	1 13/16	3 3/8	PSU5330B
64-77	330	4	1 13/16	3 3/8	PSU6430
72-86	330	5	1 13/16	4 3/8	PSU7230B
▶ 72-86	330	4	1 13/16	3 3/8	PSU7230C
88-106	330	5	1 13/16	4 3/8	PSU8830A
▶ 88-106	330	4	1 13/16	3 3/8	PSU8830B
108-130	330	7	2 1/16	4 3/8	PSU10830B
124-149	330	8	2 9/16	4 3/8	PSU12430
▶ 124-149	330	7	2 1/16	4 3/8	PSU12430A
130-156	330	7	2 1/16	4 3/8	PSU13030
145-174	330	7	2 1/16	4 3/8	PSU14530A
161-193	330	8	2 9/16	4 3/8	PSU16130
▶ 161-193	330	7	2 1/16	4 3/8	PSU16130A
189-227	330	8	2 9/16	4 3/8	PSU18930
▶ 189-227	330	7	2 1/16	4 3/8	PSU18930A
216-259	330	8	2 9/16	4 3/8	PSU21630
▶ 216-259	330	7	2 1/16	4 3/8	PSU21630A
270-324	330	8	2 9/16	4 3/8	PSU27030
▶ 270-324	330	7	2 1/16	4 3/8	PSU27030A
378-454	330	8	2 9/16	4 3/8	PSU37830
460-552	330	8	2 9/16	4 3/8	PSU46030

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See page 258 & 259 for Capacitor Hardware Plus Additional Resistor Choices.