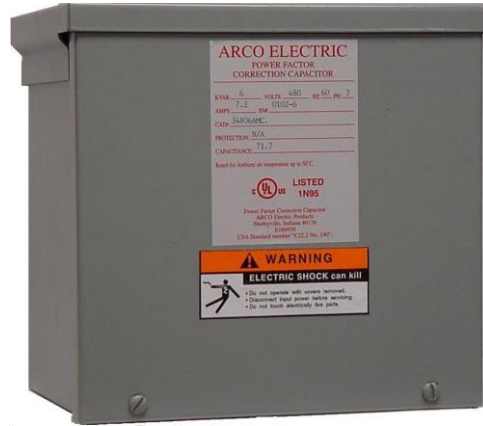


ARCO ELECTRIC PRODUCTS

2325 E. MICHIGAN ROAD

SHELBYVILLE, IN 46176

AMC SERIES FIXED PFC CAPACITORS



5-YEAR WARRANTY on the Capacitor Cells

DESCRIPTION

Construction

- The fixed capacitor banks are designed for low voltage linear applications and incorporate high-quality single-phase cells which are wired in a three phase Delta configuration. The capacitors are housed in a NEMA 3R enclosure panel. The enclosure is manufactured from 16-gauge steel and is furnished with mounting holes for quick and easy installation.
Other NEMA rated enclosures are available – consult the factory

Capacitor Design

- Internal Pressure Interrupter meets UL 810 requirements. Discharge voltage is less than 50 volts in less than 1 minute after the cell has electrically been removed from circuit.
- Environmentally safe epoxidized soybean-oil dielectric fluid. Soybean-oil is environmentally compatible and biodegradable.

Capacitor Losses

- The capacitor design has a total loss which is as low as 2 Watts per kVAR.

Electrical Characteristics

- Capacitance Tolerance is + or – 15%.
- Overcurrent Tolerance is 135% of rated current continuously.
- Overvoltage Tolerance is 110% of rated voltage
- Standard Operating Temperature
-40 F to +115 F. Operation above 115 F will shorten the capacitor life.

Wiring Cable Insulation

- All internal conductors are insulated stranded copper wire rated at 90 C.

OPTIONS AVAILABLE:

Fuse Protection & Indicator Lights (Add Suffix Letter “L” to Catalog Number)

- The internal protection fuses are time-delay and rated at 600V with the sizing based upon the nominal amperage rating of the kVAR size in accordance with the National Electric Code requirements.

CUL US Listed (Add Suffix Letters “UL” to Catalog Number)

- For units requiring UL Certification

Phone 317/398-9713

Toll-Free 1-800-428-4370

Fax 317/398-2655

WEBSITE <http://www.arco-electric.com>

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AMC SERIES FIXED PFC CAPACITORS

- For single phase applications change Prefix Number from 3 to 1.
- For 208 VAC applications divide kVAR size by .75 to find equivalent in 240 VAC rated size.

SIZES AVAILABLE

kVAR	Catalog #	Catalog #	Catalog #
0.5	3240.5AMC	3480.5AMC	3600.5AMC
1	32401AMC	34801AMC	36001AMC
1.5	32401.5AMC	34801.5AMC	36001.5AMC
2	32402AMC	34802AMC	36002AMC
2.5	32402.5AMC	34802.5AMC	36002.5AMC
3	32403AMC	34803AMC	36003AMC
4	32404AMC	34804AMC	36004AMC
4.5	32404.5AMC	34804.5AMC	36004.5AMC
5	32405AMC	34805AMC	36005AMC
6	32406AMC	34806AMC	36006AMC
7.5	32407.5AMC	34807.5AMC	36007.5AMC
10	324010AMC	348010AMC	360010AMC
12.5	324012.5AMC	348012.5AMC	360012.5AMC
15	324015AMC	348015AMC	360015AMC
17.5	324017.5AMC	348017.5AMC	360017.5AMC
20	324020AMC	348020AMC	360020AMC
22.5	324022.5AMC	348022.5AMC	360022.5AMC
25	324025AMC	348025AMC	360025AMC
27.5	324027.5AMC	348027.5AMC	360027.5AMC
30	324030AMC	348030AMC	360030AMC
32.5	324032.5AMC	348032.5AMC	360032.5AMC
35	324035AMC	348035AMC	360035AMC
37.5	324037.5AMC	348037.5AMC	360037.5AMC
40	324040AMC	348040AMC	360040AMC
45	324045AMC	348045AMC	360045AMC
50	324050AMC	348050AMC	360050AMC
60	324060AMC	348060AMC	360060AMC
75	324075AMC	348075AMC	360075AMC
80	324080AMC	348080AMC	360080AMC
90	324090AMC	348090AMC	360090AMC
100	3240100AMC	3480100AMC	3600100AMC

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