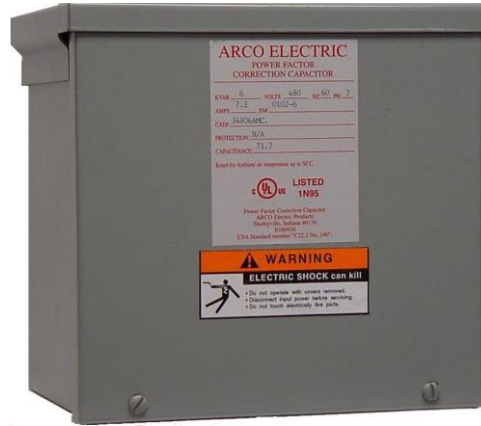


ARCO ELECTRIC PRODUCTS

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 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.

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

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

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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