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AMBER®

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AC CAPACITORS

ISO 9001:2008
CERTIFIED

- MOTOR RUN / HID LAMP APPLICATIONS
- METALLIZED POLYPROPYLENE FILM
- IMPREGNATED & PROTECTED
- UL RECOGNIZED COMPONENT FOR 10,000 AFC

better than the best.....

MOTOR-RUN & HID LAMP CAPACITORS
Series MI
UL Recognized Component - File # E 201712

c UL us

Recognized to U.S. & Canadian requirements under the Component Recognition Program of Underwriter Laboratories, Inc.
For 10,000 Amp Fault Current per UL 810

APPLICATION General purpose, mainly for single phase AC loads such as fans, motors, coolers, HID lamps, air-conditioners and other small appliances.

CONSTRUCTION The capacitor elements are formed by winding low loss, self-healing, metallized polypropylene (MPP) film on thermoplastic cores. High speed, computerized winding machines are used for this purpose. The film tension is maintained at a constant value throughout the winding process assuring a first-class product.

CONTAINER Aluminum cans.

PROTECTION Tin-plate covers provided with UL-approved internal over-pressure interrupters, rated at 10,000 AFC.

IMPREGNATION Impregnated in biodegradable, non-polluting fluid (on-P.C.B.)

MANUFACTURING & TESTING STANDARDS

- UL 810: UL Standard for Safety for Capacitors.
- IEC 60252-1 Final Version: AC motors Capacitors Part 1: General Performance, testing and rating-Safety requirements-Guide for installation and operation.
- BS EN 61048 British & International Standard for: Auxiliaries for Lamps-Capacitors for use in tubular fluorescent and other discharge lamp circuit - General and Safety Requirements.
- BS EN 61049 British & International Standard Standard for: Capacitor for use in tubular fluorescent and other discharge lamp circuits - General and Safety Requirements.
- JIS C 4908 Japanese Industrial Standard for Capacitors.

TECHNICAL DATA

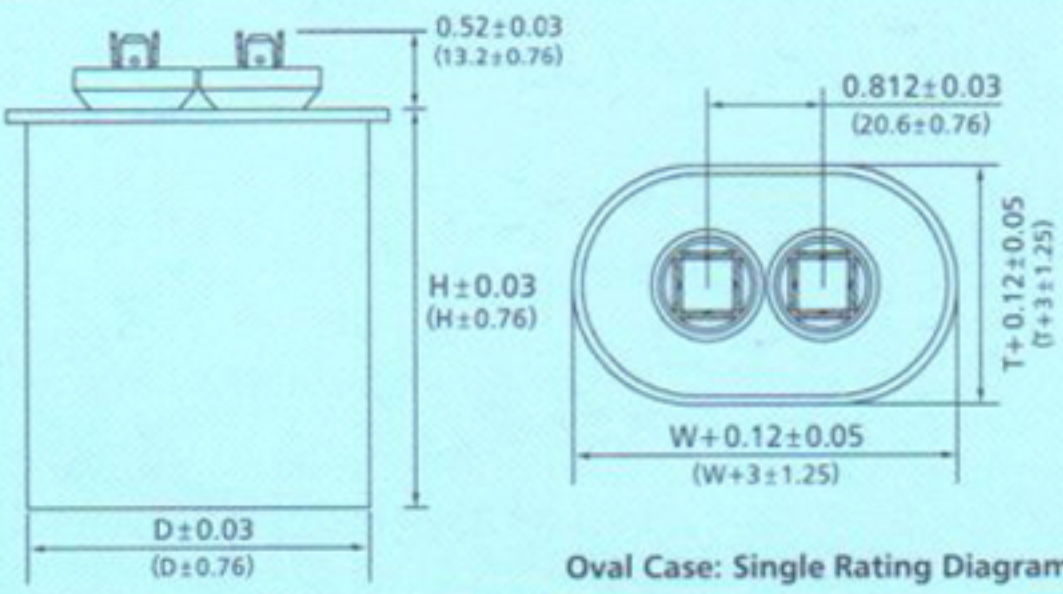
- SERIES: MI
  MIR: Single Rating, Round Can MIRD: Dual Rating, Round Can
  MIV: Single Rating, Oval Can MIVD: Dual Rating, Oval Can
- STANDARD: UL 810, IEC 61048 & 61049, IEC 60252-1 (2013-08)
- RATED VOLTAGES: 370, 440. Please contact for other voltages.
- RATED CASE TEMPERATURE: -25°C / +70°C (Other temperature ratings available)
- DISSIPATION FACTOR: Less than .0005 at 50Hz
- CAPACITANCE TOLERANCE: ± 6%
- FREQUENCY: 50/60 Hz
- TEST VOLTAGE BETWEEN TERMINALS: 1.5 U_n for 10 seconds
- TEST VOLTAGE BETWEEN TERMINALS AND CONTAINER: 2.3kV for 10 seconds
- MAXIMUM FAULT CURRENT: 10,000 Amps

DISCHARGE RESISTORS Discharge resistor fitted in Capacitor for use in tubular fluorescent and other discharge lamp circuits, to reduce the voltage to a level below 50V within 1 minute of switch-off.

TERMINALS SINGLE RATING: 2 Nos. Quadruple (4 blade) quick-connect 0.25" (6.3mm)
DUAL RATING : 1 No . Double (2 blade) quick-connect 0.25" (6.3mm) marked F
2 Nos. Quadruple (4 blade) quick-connect 0.25" (6.3mm) marked Herm and C

OVAL CASE SINGLE RATING

Capacitance µF	370VAC		440VAC	
	Part Number	Case Style	Part Number	Case Style
2.0	MI37030V	ACO01	MI44030V	ACO01
3.0	MI37040V	ACO01	MI44040V	ACO01
4.0	MI37050V	ACO01	MI44050V	ACO02
5.0	MI37060V	ACO01	MI44060V	ACO02
6.0	MI37070V	ACO01	MI44070V	ACO02
7.0	MI37075V	ACO12	MI44075V	ACO02
7.5	MI37080V	ACO12	MI44080V	ACO02
8.0	MI37085V	ACO02	MI44085V	ACO02
8.5	MI37090V	ACO02	MI44090V	ACO02
9.0	MI37095V	ACO02	MI44095V	ACO02
9.5	MI37100V	ACO02	MI44100V	ACO02
10.0	MI37120V	ACO02	MI44120V	ACO03
12.5	MI37125V	ACO02	MI44125V	ACO03
15.0	MI37150V	ACO03	MI44150V	ACO03
17.0	MI37175V	ACO03	MI44175V	ACO03
20.0	MI37200V	ACO03	MI44200V	ACO04
25.0	MI37250V	ACO03	MI44250V	ACO04
30.0	MI37300V	ACO05	MI44300V	ACO04
35.0	MI37350V	ACO05	MI44350V	ACO04
40.0	MI37400V	ACO05	MI44400V	ACO04
45.0	MI37450V	ACO05	MI44450V	ACO04
50.0	MI37500V	ACO05	MI44500V	ACO04
55.0	MI37550V	ACO10	MI44550V	ACO04
60.0	MI37600V	ACO10	MI44600V	ACO04
65.0	MI37650V	ACO09	MI44650V	ACO04
70.0	MI37700V	ACO09	MI44700V	ACO04
75.0	MI37750V	ACO07	MI44750V	ACO04
80.0	MI37800V	ACO07	MI44800V	ACO04



Oval Case: Single Rating Diagram