

MYRON ZUCKER ♦ ♦ ♦ MULTICAL® Brand Capacitor Series

APPLICATIONS

- ◆ Provides for power factor correction for two, three, or four motors within a single enclosure

STANDARD FEATURES

- ◆ UL & C-UL listed, CE
- ◆ 2-year warranty
- ◆ 3-line fusing
- ◆ Discharge resistors exceeding NEC requirements
- ◆ Assembled in the USA

STANDARD RATINGS

- ◆ 240, 480, 600 V
- ◆ 3-phase
- ◆ 60 Hz

OTHER AVAILABLE RATINGS

- ◆ 208 – 575 V
- ◆ 480 & 600 V/Harmonic Duty
- ◆ Single phase
- ◆ 50 Hz

CAPACITOR CELLS

- ◆ 20-year rated life
- ◆ 2-year warranty
- ◆ Self-contained, 3-phase, delta-connected
- ◆ Industrial grade dry-type construction
- ◆ Losses of less than ½ watt per kVAR
- ◆ Self-healing metallized polypropylene dielectric film
- ◆ 3-phase pressure-actuated interrupter
- ◆ Hermetically sealed steel case
- ◆ Threaded insulated terminals

FUSES

- ◆ Fast-acting, current-limiting, with 200,000 ampere interrupting capacity

FIELD WIRING TERMINATION

- ◆ Mechanical connections are provided for all field wiring termination points
- ◆ Refer to product manual for incoming conductor information



ENCLOSURES

- ◆ Built to NEMA 12 specifications for indoor use
- ◆ Lid furnished with oil-resistant gasketing
- ◆ Recessed mounting holes for wall or shelf mounting
- ◆ Designed for simple installation and maintenance
- ◆ Other NEMA ratings available

THREE MODELS AVAILABLE

- ◆ MKIM Model: blown fuse and CelTel® (loss-of-capacitance) indication
- ◆ MKNM Model: blown fuse indication
- ◆ MKPM Model: without indication

BLOWN FUSE INDICATION

- ◆ Red light illuminates on outside of enclosure when corresponding fuse has blown

CELTEL® BRAND LOSS-OF-CAPACITANCE INDICATOR

- ◆ Amber light illuminates when cell is no longer functioning effectively or B phase fuse has blown

SELECTION CHART

Multical® assemblies can treat up to four motors within one enclosure. The maximum capacitor size per motor is listed below.

STANDARD RATINGS	MAXIMUM kVA _r PER MOTOR
240 V / 3Ø / 60 Hz	5.0
480 V / 3Ø / 60 Hz	10.0
600 V / 3Ø / 60 Hz	12.5

Choose part number based on voltage, indication preference, and kVA_r requirements. For example, if your 480 V, 3-phase application with two motors requires 3 kVA_r and 5 kVA_r, and blown fuse indication, this part number would be MKNM43 (3,5) -3.

VOLTAGE	TWO MOTORS	THREE MOTORS	FOUR MOTORS
240	MK_M23 (,) -3	MK_M23 (, ,) -3	MK_M23 (, , ,) -3
480	MK_M43 (,) -3	MK_M43 (, ,) -3	MK_M43 (, , ,) -3
600	MK_M63 (,) -3	MK_M63 (, ,) -3	MK_M63 (, , ,) -3

INSERT:	INDICATION
I	Blown fuse with CelTel® (loss-of-capacitance) indication
N	Blown fuse indication
P	No indication

CASE DIMENSIONS				
NO. OF MOTORS	CASE	H	L	D
2	K2	14.00	15.75	5.25
3 or 4	K4	14.00	24.00	5.25

All dimensions are in inches. We reserve the right to change dimensions without notice.