

CALMOUNT® Brand Capacitor Series "KIM"

CALMOUNT®

APPLICATIONS

- At the load
- Branch panel
- Main service entrance

STANDARD FEATURES

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

STANDARD RATINGS

- 240, 480, 600 Volts
- 3-phase
- 60 Hertz



CAPACITOR CELLS

- 20-year rated life
- 5-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

ENCLOSURES

- Built to NEMA 12 specifications for indoor use
- Recessed mounting holes for wall or shelf mounting
- Designed for simple installation and maintenance

FIELD WIRING TERMINATION

- Mechanical connections are provided for all field wiring termination points

MODEL

- KIM Model: blown fuse and CelTel® (loss-of-capacitance) indication

BLOWN FUSE INDICATION

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

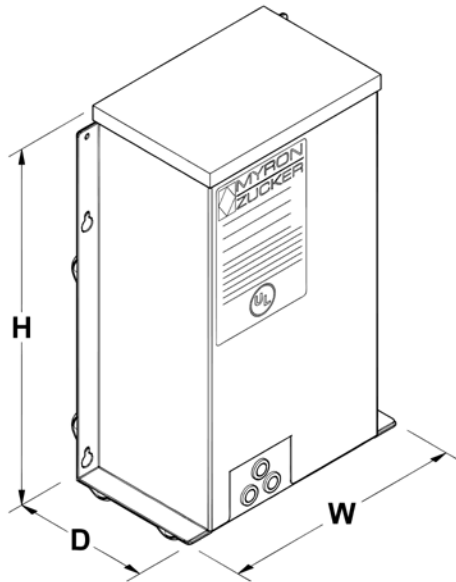
CELTEL® LOSS-OF-CAPACITANCE INDICATION

- Amber light illuminates when capacitor assembly is no longer functioning effectively

OPTIONS

- Built-in contactor for remote switching
- Multical® series - one enclosure designed to treat up to four individual loads
- Other voltage and phase applications available
- Other enclosure ratings available
- Other kVAR configurations available

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ENCLOSURE DIMENSIONS			
ENC.	H	W	D
K1	14.00	9.25	5.25
K2	14.00	15.75	5.25
K4	14.00	24.00	5.25
K6	14.00	34.00	5.25

All dimensions are in inches. Myron Zucker, Inc. reserves the right to change dimensions without notice.

STANDARD SELECTION CHART

240V / 3Φ / 60Hz					480V / 3Φ / 60Hz					600V / 3Φ / 60Hz				
kVAR	PART NUMBER	AMPS*	LBS.	ENC.	kVAR	PART NUMBER	AMPS*	LBS.	ENC.	kVAR	PART NUMBER	AMPS*	LBS.	ENC.
1	KIM23001-3	2.4	14	K1	1	KIM43001-3	1.2	14	K1					
1.5	KIM23001X-3	3.6	14	K1	1.5	KIM43001X-3	1.8	14	K1	2	KIM63002-3	1.9	14	K1
2	KIM23002-3	4.8	14	K1	2	KIM43002-3	2.4	14	K1	2.5	KIM63002X-3	2.4	14	K1
2.5	KIM23002X-3	6.0	14	K1	2.5	KIM43002X-3	3.0	14	K1	3	KIM63003-3	2.9	14	K1
3	KIM23003-3	7.2	14	K1	3	KIM43003-3	3.6	14	K1	4	KIM63004-3	3.8	14	K1
4	KIM23004-3	9.6	14	K1	4	KIM43004-3	4.8	14	K1	5	KIM63005-3	4.8	14	K1
5	KIM23005-3	12	15	K1	5	KIM43005-3	6.0	14	K1	6	KIM63006-3	5.8	14	K1
6	KIM23006-3	14	15	K1	6	KIM43006-3	7.2	14	K1	7.5	KIM63007X-3	7.2	14	K1
7.5	KIM23007X-3	18	15	K1	7.5	KIM43007X-3	9.0	14	K1	10	KIM63010-3	9.6	14	K1
10	KIM23010-3	24	15	K1	10	KIM43010-3	12	14	K1	12.5	KIM63012X-3	12	15	K1
12.5	KIM23012X-3	30	25	K2	12.5	KIM43012X-3	15	15	K1	15	KIM63015-3	14	15	K1
15	KIM23015-3	36	25	K2	15	KIM43015-3	18	15	K1	16.7	KIM63016-3	16	15	K1
16	KIM23016-3	38	25	K2	16.7	KIM43016-3	20	15	K1	17.5	KIM63017X-3	17	15	K1
17.5	KIM23017X-3	42	25	K2	17.5	KIM43017X-3	21	15	K1	20	KIM63020-3	19	15	K1
20	KIM23020-3	48	25	K2	20	KIM43020-3	24	15	K1	22.5	KIM63022X-3	22	25	K2
22.5	KIM23022X-3	54	38	K4	22.5	KIM43022X-3	27	25	K2	25	KIM63025-3	24	25	K2
25	KIM23025-3	60	38	K4	25	KIM43025-3	30	25	K2	27.5	KIM63027X-3	26	25	K2
27.5	KIM23027X-3	66	38	K4	27.5	KIM43027X-3	33	25	K2	30	KIM63030-3	29	25	K2
30	KIM23030-3	72	38	K4	30	KIM43030-3	36	25	K2	32.5	KIM63032X-3	31	25	K2
32.5	KIM23032X-3	78	43	K4	32.5	KIM43032X-3	39	25	K2	35	KIM63035-3	34	25	K2
35	KIM23035-3	84	43	K4	35	KIM43035-3	42	25	K2	37.5	KIM63037X-3	36	25	K2
37.5	KIM23037X-3	90	43	K4	37.5	KIM43037X-3	45	25	K2	40	KIM63040-3	38	25	K2
40	KIM23040-3	96	43	K4	40	KIM43040-3	48	25	K2	42.5	KIM63042X-3	41	40	K4
42.5	KIM23042X-3	102	56	K6	42.5	KIM43042X-3	51	40	K4	45	KIM63045-3	43	40	K4
45	KIM23045-3	108	56	K6	45	KIM43045-3	54	40	K4	50	KIM63050-3	48	40	K4
50	KIM23050-3	120	56	K6	50	KIM43050-3	60	40	K4	60	KIM63060-3	58	40	K4
60	KIM23060-3	144	61	K6	60	KIM43060-3	72	40	K4	65	KIM63065-3	63	44	K4
					65	KIM43065-3	78	44	K4	70	KIM63070-3	67	44	K4
					70	KIM43070-3	84	44	K4	75	KIM63075-3	72	44	K4
					75	KIM43075-3	90	44	K4	80	KIM63080-3	77	44	K4
					80	KIM43080-3	96	44	K4	90	KIM63090-3	87	57	K6
					90	KIM43090-3	108	57	K6	100	KIM63100-3	96	57	K6
					100	KIM43100-3	120	57	K6	120	KIM63120-3	115	61	K6
					120	KIM43120-3	144	61	K6					

*The ampacity of capacitor circuit conductors shall not be less than 135% of the rated circuit of the capacitor Per NEC 2008