

MYRON ZUCKER CALMOUNT® Brand Capacitor Series

SERIES: KIM

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 V
- ◆ 3-phase
- ◆ 60 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 tin-plated 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
- ◆ Refer to product manual for incoming conductor information



KIM Model

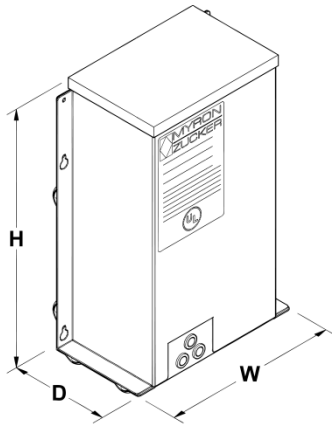
CELTEL® BRAND LOSS-OF-CAPACITANCE INDICATION

- ◆ Blown fuse and CelTel® (loss-of-capacitance) indication
- ◆ Indication light illuminates on outside of enclosure when corresponding fuse has blown
- ◆ Amber light illuminates when capacitor assembly is no longer functioning effectively

OPTIONS

- ◆ Non-fused
- ◆ **Multical®** series – treatment of up to four individual motor loads within one capacitor assembly
- ◆ Other voltages and frequencies available
- ◆ Other enclosure ratings available
- ◆ Other kVAr configurations available

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CASE DIMENSIONS			
CASE	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. We reserve the right to change dimensions without notice.

KIM CALMOUNT SELECTION CHART

240 V / 3Ø / 60 Hz					480 V / 3Ø / 60 Hz					600 V / 3Ø / 60 Hz				
kVA _r	PART NUMBER	AMPS*	WT.	CASE	kVA _r	PART NUMBER	AMPS*	WT.	CASE	kVA _r	PART NUMBER	AMPS*	WT.	CASE
1	KIM23001-3	2.4	14#	K1	1	KIM43001-3	1.2	14#	K1	2	KIM63002-3	1.9	14#	K1
1.5	KIM23001X-3	3.6	14#		1.5	KIM43001X-3	1.8	14#		2.5	KIM63002X-3	2.4	14#	
2	KIM23002-3	4.8	14#		2	KIM43002-3	2.4	14#		3	KIM63003-3	2.9	14#	
2.5	KIM23002X-3	6.0	14#		2.5	KIM43002X-3	3.0	14#		4	KIM63004-3	3.8	14#	
3	KIM23003-3	7.2	14#		3	KIM43003-3	3.6	14#		5	KIM63005-3	4.8	14#	
4	KIM23004-3	9.6	14#		4	KIM43004-3	4.8	14#		6	KIM63006-3	5.8	14#	
5	KIM23005-3	12	15#		5	KIM43005-3	6.0	14#		7.5	KIM63007X-3	7.2	14#	
6	KIM23006-3	14	15#		6	KIM43006-3	7.2	14#		10	KIM63010-3	9.6	14#	
7.5	KIM23007X-3	18	15#		7.5	KIM43007X-3	9.0	14#		12.5	KIM63012X-3	12	15#	
10	KIM23010-3	24	15#		10	KIM43010-3	12	14#		15	KIM63015-3	14	15#	
12.5	KIM23012X-3	30	25#	K2	12.5	KIM43012X-3	15	15#	16	KIM63016-3	15	15#	K2	
15	KIM23015-3	36	25#		15	KIM43015-3	18	15#	17.5	KIM63017X-3	16	15#		
16	KIM23016-3	38	25#		16	KIM43016-3	19	15#	20	KIM63020-3	19	15#		
17.5	KIM23017X-3	42	25#		17.5	KIM43017X-3	21	15#	22.5	KIM63022X-3	22	25#		
20	KIM23020-3	48	25#		20	KIM43020-3	24	15#	25	KIM63025-3	24	25#		
22.5	KIM23022X-3	54	38#		22.5	KIM43022X-3	27	25#	27.5	KIM63027X-3	26	25#		
25	KIM23025-3	60	38#		25	KIM43025-3	30	25#	30	KIM63030-3	29	25#		
27.5	KIM23027X-3	66	38#		27.5	KIM43027X-3	33	25#	32.5	KIM63032X-3	31	25#		
30	KIM23030-3	72	38#		30	KIM43030-3	36	25#	35	KIM63035-3	34	25#		
32.5	KIM23032X-3	78	43#		32.5	KIM43032X-3	39	25#	37.5	KIM63037X-3	36	25#		
35	KIM23035-3	84	43#	K4	35	KIM43035-3	42	25#	40	KIM63040-3	38	25#	K4	
37.5	KIM23037X-3	90	43#		37.5	KIM43037X-3	45	25#	42.5	KIM63042X-3	41	40#		
40	KIM23040-3	96	43#		40	KIM43040-3	48	25#	45	KIM63045-3	43	40#		
42.5	KIM23042X-3	102	56#		42.5	KIM43042X-3	51	40#	50	KIM63050-3	48	40#		
45	KIM23045-3	108	56#		45	KIM43045-3	54	40#	55	KIM63055-3	53	40#		
50	KIM23050-3	120	56#		50	KIM43050-3	60	40#	60	KIM63060-3	58	40#		
60	KIM23060-3	144	61#		55	KIM43055-3	66	40#	65	KIM63065-3	62	44#		
					60	KIM43060-3	72	40#	70	KIM63070-3	67	44#		
					65	KIM43065-3	78	44#	75	KIM63075-3	72	44#		
					70	KIM43070-3	84	44#	80	KIM63080-3	77	44#		
				75	KIM43075-3	90	44#	90	KIM63090-3	86	57#			
				80	KIM43080-3	96	44#	100	KIM63100-3	96	57#			
				90	KIM43090-3	108	57#	120	KIM63120-3	115	61#			
				100	KIM43100-3	120	57#							
				120	KIM43120-3	144	61#							

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