

TRAYMOUNT® Brand Capacitor Series

TRAYMOUNT®

TRAYMOUNT DESIGN

- **Schneider Electric Square D**

APPLICATIONS

- At the load within Motor Control Centers (MCCs)

STANDARD FEATURES

- UL recognized component
- 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

FIELD WIRING TERMINATION

- Mechanical connections are provided for all field wiring termination points

MODELS

- TSNM Model: blown fuse indication
- TSPM Model: fusing without indication

OPTIONS

- Other voltage and phase applications available
- Other kVAR configurations available



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TRAYMOUNT DESIGN	CONFIGURATION	MAXIMUM kVAR			APPROX. DIMENSIONS*		
		240V	480V	600V	H	W	D
S = Schneider Electric Square D	1 Tray	15.0	30.0	30.0	5.50	14.00	10.50
	2 Trays	30.0	60.0	60.0			
	3 Trays	45.0	90.0	90.0			
	4 Trays	50.0	100.0	100.0			

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

STANDARD SELECTION CHART

TSNM: Blown fuse indication; **TSPM:** Fusing without indication

240V / 3Φ / 60Hz				480V / 3Φ / 60Hz				600V / 3Φ / 60Hz			
kVAR	TRAY	PART NUMBER	AMPS*	kVAR	TRAY	PART NUMBER	AMPS*	kVAR	TRAY	PART NUMBER	AMPS*
1	1	TS_M23001-3	2.4	1	1	TS_M43001-3	1.2				
1.5	1	TS_M23001X-3	3.6	1.5	1	TS_M43001X-3	1.8				
2	1	TS_M23002-3	4.8	2	1	TS_M43002-3	2.4	2	1	TS_M63002-3	1.9
2.5	1	TS_M23002X-3	6.0	2.5	1	TS_M43002X-3	3.0	2.5	1	TS_M63002X-3	2.4
3	1	TS_M23003-3	7.2	3	1	TS_M43003-3	3.6	3	1	TS_M63003-3	2.9
4	1	TS_M23004-3	9.6	4	1	TS_M43004-3	4.8	4	1	TS_M63004-3	3.8
5	1	TS_M23005-3	12	5	1	TS_M43005-3	6.0	5	1	TS_M63005-3	4.8
6	1	TS_M23006-3	14	6	1	TS_M43006-3	7.2	6	1	TS_M63006-3	5.8
7.5	1	TS_M23007X-3	18	7.5	1	TS_M43007X-3	9.0	7.5	1	TS_M63007X-3	7.2
10	1	TS_M23010-3	24	10	1	TS_M43010-3	12	10	1	TS_M63010-3	9.6
12.5	1	TS_M23012X-3	30	12.5	1	TS_M43012X-3	15	12.5	1	TS_M63012X-3	12
15	1	TS_M23015-3	36	15	1	TS_M43015-3	18	15	1	TS_M63015-3	14
16	2	TS_M23016-3	38	16.7	1	TS_M43016-3	20	16.7	1	TS_M63016-3	16
17.5	2	TS_M23017X-3	42	17.5	1	TS_M43017X-3	21	17.5	1	TS_M63017X-3	17
20	2	TS_M23020-3	48	20	1	TS_M43020-3	24	20	1	TS_M63020-3	19
22.5	2	TS_M23022X-3	54	22.5	1	TS_M43022X-3	27	22.5	1	TS_M63022X-3	22
25	2	TS_M23025-3	60	25	1	TS_M43025-3	30	25	1	TS_M63025-3	24
27.5	2	TS_M23027X-3	66	27.5	1	TS_M43027X-3	33	27.5	1	TS_M63027X-3	26
30	2	TS_M23030-3	72	30	1	TS_M43030-3	36	30	1	TS_M63030-3	29
32.5	3	TS_M23032X-3	78	32.5	2	TS_M43032X-3	39	32.5	2	TS_M63032X-3	31
35	3	TS_M23035-3	84	35	2	TS_M43035-3	42	35	2	TS_M63035-3	34
37.5	3	TS_M23037X-3	90	37.5	2	TS_M43037X-3	45	37.5	2	TS_M63037X-3	36
40	3	TS_M23040-3	96	40	2	TS_M43040-3	48	40	2	TS_M63040-3	38
42.5	3	TS_M23042X-3	102	42.5	2	TS_M43042X-3	51	42.5	2	TS_M63042X-3	41
45	3	TS_M23045-3	108	45	2	TS_M43045-3	54	45	2	TS_M63045-3	43
50	4	TS_M23050-3	120	50	2	TS_M43050-3	60	50	2	TS_M63050-3	48
				60	2	TS_M43060-3	72	60	2	TS_M63060-3	58
				65	3	TS_M43065-3	78	65	3	TS_M63065-3	63
				70	3	TS_M43070-3	84	70	3	TS_M63070-3	67
				75	3	TS_M43075-3	90	75	3	TS_M63075-3	72
				80	3	TS_M43080-3	96	80	3	TS_M63080-3	77
				90	3	TS_M43090-3	108	90	3	TS_M63090-3	87
				100	4	TS_M43100-3	120	100	4	TS_M63100-3	96

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