

TRAYMOUNT® Brand Capacitor Series

TRAYMOUNT®

TRAYMOUNT DESIGN

- Eaton Cutler-Hammer

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

- TWNM Model: blown fuse indication
- TWPM 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 |
| | 1 Tray | 22.5 | 45.0 | 45.0 | 9.00 | 13.75 | 7.25 |
| | 2 Trays | 45.0 | 90.0 | 90.0 | | | |
| | 3 Trays | 50.0 | 100.0 | 100.0 | | | |

W = Eaton Cutler-Hammer

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

STANDARD SELECTION CHART

TWNM: Blown fuse indication; **TWPM:** 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 | TW_M23001-3 | 2.4 | 1 | 1 | TW_M43001-3 | 1.2 | | | | |
| 1.5 | 1 | TW_M23001X-3 | 3.6 | 1.5 | 1 | TW_M43001X-3 | 1.8 | | | | |
| 2 | 1 | TW_M23002-3 | 4.8 | 2 | 1 | TW_M43002-3 | 2.4 | 2 | 1 | TW_M63002-3 | 1.9 |
| 2.5 | 1 | TW_M23002X-3 | 6.0 | 2.5 | 1 | TW_M43002X-3 | 3.0 | 2.5 | 1 | TW_M63002X-3 | 2.4 |
| 3 | 1 | TW_M23003-3 | 7.2 | 3 | 1 | TW_M43003-3 | 3.6 | 3 | 1 | TW_M63003-3 | 2.9 |
| 4 | 1 | TW_M23004-3 | 9.6 | 4 | 1 | TW_M43004-3 | 4.8 | 4 | 1 | TW_M63004-3 | 3.8 |
| 5 | 1 | TW_M23005-3 | 12 | 5 | 1 | TW_M43005-3 | 6.0 | 5 | 1 | TW_M63005-3 | 4.8 |
| 6 | 1 | TW_M23006-3 | 14 | 6 | 1 | TW_M43006-3 | 7.2 | 6 | 1 | TW_M63006-3 | 5.8 |
| 7.5 | 1 | TW_M23007X-3 | 18 | 7.5 | 1 | TW_M43007X-3 | 9.0 | 7.5 | 1 | TW_M63007X-3 | 7.2 |
| 10 | 1 | TW_M23010-3 | 24 | 10 | 1 | TW_M43010-3 | 12 | 10 | 1 | TW_M63010-3 | 9.6 |
| 12.5 | 1 | TW_M23012X-3 | 30 | 12.5 | 1 | TW_M43012X-3 | 15 | 12.5 | 1 | TW_M63012X-3 | 12 |
| 15 | 1 | TW_M23015-3 | 36 | 15 | 1 | TW_M43015-3 | 18 | 15 | 1 | TW_M63015-3 | 14 |
| 16 | 1 | TW_M23016-3 | 38 | 16.7 | 1 | TW_M43016-3 | 20 | 16.7 | 1 | TW_M63016-3 | 16 |
| 17.5 | 1 | TW_M23017X-3 | 42 | 17.5 | 1 | TW_M43017X-3 | 21 | 17.5 | 1 | TW_M63017X-3 | 17 |
| 20 | 1 | TW_M23020-3 | 48 | 20 | 1 | TW_M43020-3 | 24 | 20 | 1 | TW_M63020-3 | 19 |
| 22.5 | 1 | TW_M23022X-3 | 54 | 22.5 | 1 | TW_M43022X-3 | 27 | 22.5 | 1 | TW_M63022X-3 | 22 |
| 25 | 2 | TW_M23025-3 | 60 | 25 | 1 | TW_M43025-3 | 30 | 25 | 1 | TW_M63025-3 | 24 |
| 27.5 | 2 | TW_M23027X-3 | 66 | 27.5 | 1 | TW_M43027X-3 | 33 | 27.5 | 1 | TW_M63027X-3 | 26 |
| 30 | 2 | TW_M23030-3 | 72 | 30 | 1 | TW_M43030-3 | 36 | 30 | 1 | TW_M63030-3 | 29 |
| 32.5 | 2 | TW_M23032X-3 | 78 | 32.5 | 1 | TW_M43032X-3 | 39 | 32.5 | 1 | TW_M63032X-3 | 31 |
| 35 | 2 | TW_M23035-3 | 84 | 35 | 1 | TW_M43035-3 | 42 | 35 | 1 | TW_M63035-3 | 34 |
| 37.5 | 2 | TW_M23037X-3 | 90 | 37.5 | 1 | TW_M43037X-3 | 45 | 37.5 | 1 | TW_M63037X-3 | 36 |
| 40 | 2 | TW_M23040-3 | 96 | 40 | 1 | TW_M43040-3 | 48 | 40 | 1 | TW_M63040-3 | 38 |
| 42.5 | 2 | TW_M23042X-3 | 102 | 42.5 | 1 | TW_M43042X-3 | 51 | 42.5 | 1 | TW_M63042X-3 | 41 |
| 45 | 2 | TW_M23045-3 | 108 | 45 | 1 | TW_M43045-3 | 54 | 45 | 1 | TW_M63045-3 | 43 |
| 50 | 3 | TW_M23050-3 | 120 | 50 | 2 | TW_M43050-3 | 60 | 50 | 2 | TW_M63050-3 | 48 |
| | | | | 60 | 2 | TW_M43060-3 | 72 | 60 | 2 | TW_M63060-3 | 58 |
| | | | | 65 | 2 | TW_M43065-3 | 78 | 65 | 2 | TW_M63065-3 | 63 |
| | | | | 70 | 2 | TW_M43070-3 | 84 | 70 | 2 | TW_M63070-3 | 67 |
| | | | | 75 | 2 | TW_M43075-3 | 90 | 75 | 2 | TW_M63075-3 | 72 |
| | | | | 80 | 2 | TW_M43080-3 | 96 | 80 | 2 | TW_M63080-3 | 77 |
| | | | | 90 | 2 | TW_M43090-3 | 108 | 90 | 2 | TW_M63090-3 | 87 |
| | | | | 100 | 3 | TW_M43100-3 | 120 | 100 | 3 | TW_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