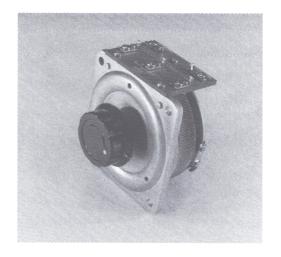


400 Hz M-Series VARIABLE AUTOTRANSFORMERS

- Small size, lightweight
- Excellent regulation





M-Series variable autotransformers are designed for use at frequencies between 350 and 1200 Hz. Electrically, they are high-frequency equivalents of the standard W series, but are much smaller and lighter than those 60Hz models.

All M-Series units conform to most military specifications for shock, vibration, salt spray, tropicalization, altitude, humidity and temperature. Operation of M-Series models is possible at 60Hz. If the input is limited to 60 volts; the output current rating remains the same and the output voltage range is 0 to 70 volts.

400 Hz MODELS

SINGLE PHASE, 120V, 400Hz INPUT †

| RATED CURRENT AMPERES | MAX CURRENT AMPERES | KVA | OUTPUT VOLTAGE RANGE | TYPE NO. | MTG | CONNECTION | NET WEIGHT (lbs) | SHIP WEIGHT (lbs) | W | н | D |
|-----------------------------|---------------------------|------|----------------------------|----------|------|------------|------------------------|-------------------------|-------|-------|-------|
| 2.4 | 3.1 | 0.65 | 0-140 | M2 † | OPEN | | 2 | 3 | 3.250 | 3.687 | 2.687 |
| 6.0 | 7.8 | 1.62 | 0-140 | M5 † | OPEN | | 3 | 4 | 4.50 | 4.937 | 2.687 |
| 10.0 | 13.0 | 2.7 | 0-140 | M10 † | OPEN | | 6 | 8 | 5.750 | 6.312 | 3.437 |
| 20.0 | 26.0 | 5.4 | 0-140 | M20 † | OPEN | | 13 | 15 | 7.5 | 8.062 | 3.625 |

THREE PHASE, 120V, 400Hz INPUT

| 2.4 | 3.1 | 0.65 | 0-140 | M2G2 | OPEN | OPEN DELTA | 4 | 5 | 3.250 | 3.687 | 5.437 |
|------|------|------|-------|-------|------|------------|----|----|-------|-------|-------|
| 6.0 | 7.8 | 1.62 | 0-140 | M5G2 | OPEN | OPEN DELTA | 7 | 8 | 4.50 | 4.937 | 5.0 |
| 10.0 | 13.0 | 2.70 | 0-140 | M10G2 | OPEN | OPEN DELTA | 12 | 16 | 5.750 | 6.312 | 6.812 |
| 20.0 | 26.0 | 5.40 | 0-140 | M20G2 | OPEN | OPEN DELTA | 26 | 30 | 7.0 | 8.062 | 7.187 |

THREE PHASE, 120V-208V-240V, 400Hz INPUT

| 2.4 | 3.1 | 1.30 | 0-240 | M2G3 * | OPEN | WYE | 5 | 7 | 3.5 | 3.687 | 8.250 |
|------|------|------|-------|---------|------|-----|----|----|------|-------|--------|
| 6.0 | 7.8 | 3.24 | 0-240 | M5G3 * | OPEN | WYE | 10 | 12 | 4.5 | 4.937 | 8.375 |
| 10.0 | 13.0 | 5.40 | 0-240 | M10G3 * | OPEN | WYE | 19 | 23 | 5.75 | 6.937 | 10.250 |
| 20.0 | 26.0 | 10.8 | 0-240 | M20G3 * | OPEN | WYE | 38 | 43 | 7.5 | 8.062 | 10.250 |

[†] CSA Approved

^{* 17%} overvoltage connection permitted on 120/208 3Ø units