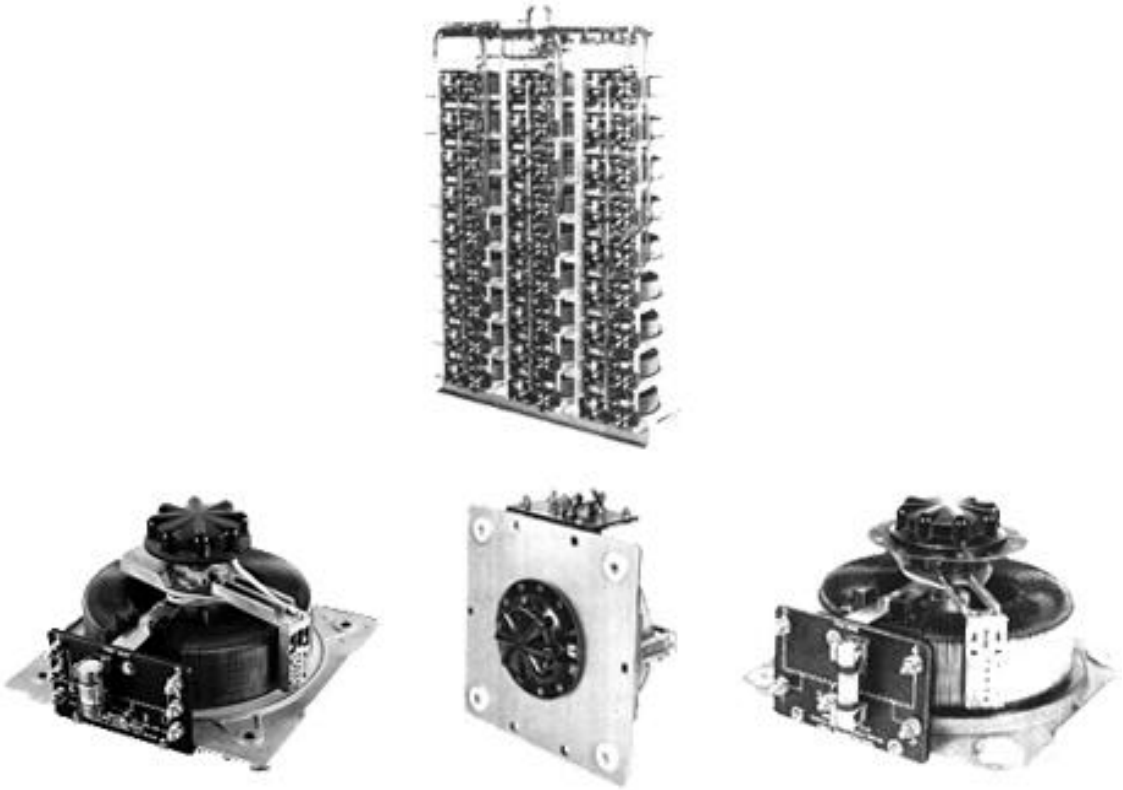
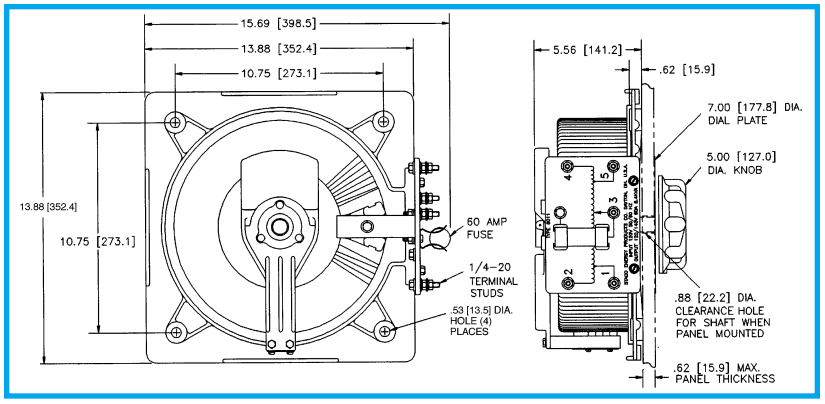
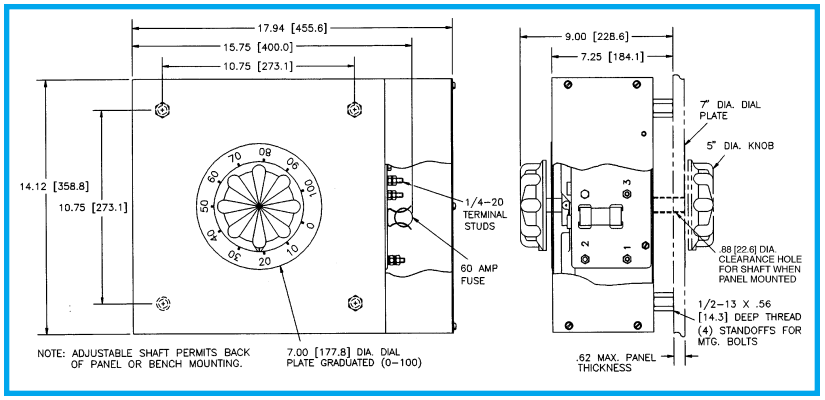
STACO
ENERGY PRODUCTS CO.

# Variable Transformers
# Series 6000 • 35.0 to 315.0 Amperes

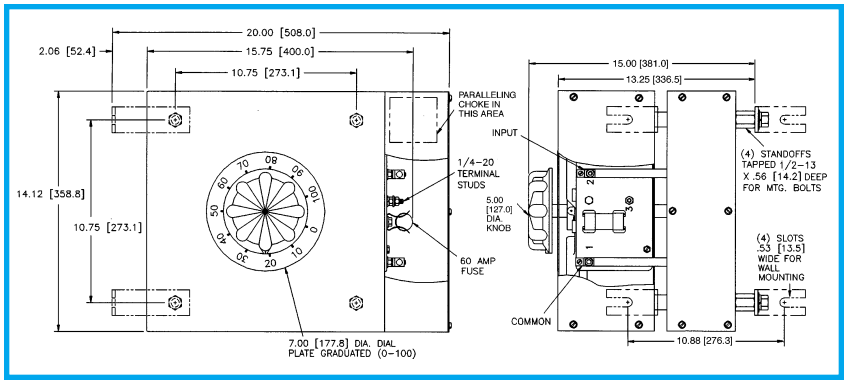




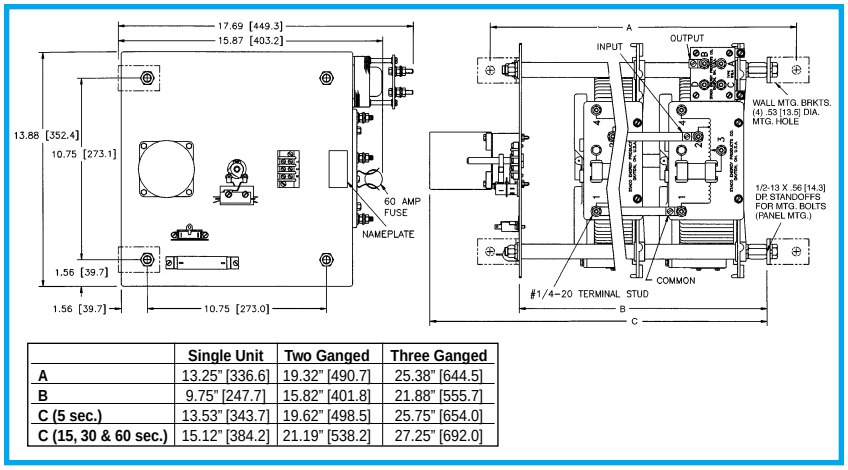

**Manual Single, Uncased**




**Manual Single, Cased**

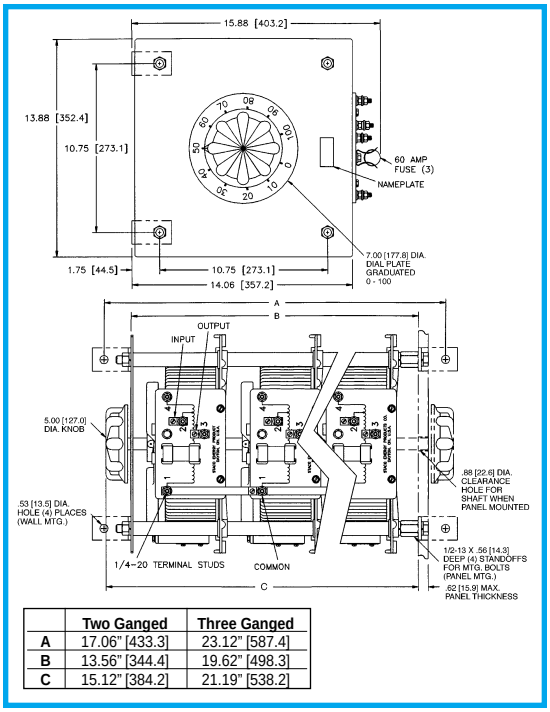



**Manual Two-Ganged, Cased**



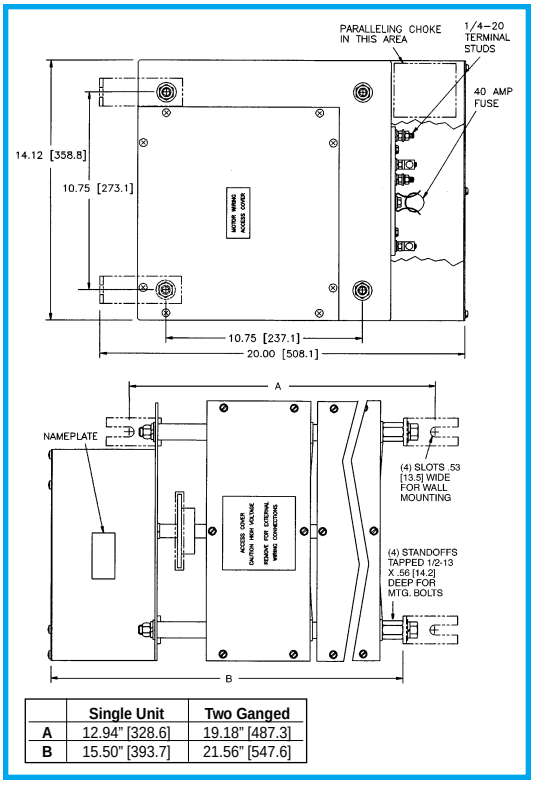

| | Single Unit | Two Ganged | Three Ganged |
|---|---|---|---|
| A | 13.25" [336.6] | 19.32" [490.7] | 25.38" [644.5] |
| B | 9.75" [247.7] | 15.82" [401.8] | 21.88" [555.7] |
| C (5 sec.) | 13.53" [343.7] | 19.62" [498.5] | 25.75" [654.0] |
| C (15, 30 & 60 sec.) | 15.12" [384.2] | 21.19" [538.2] | 27.25" [692.0] |

**Motor Driven, Single, Two and Three-Ganged, Uncased**



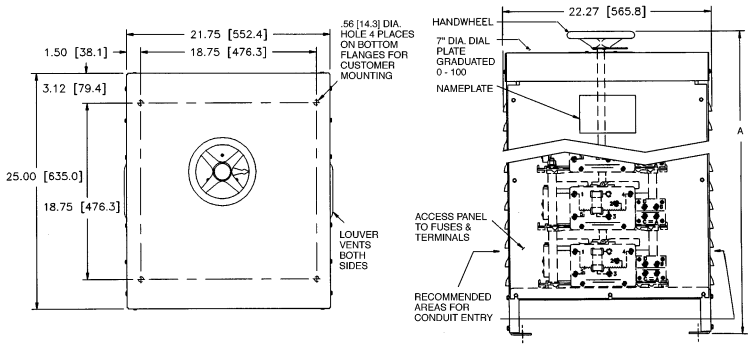

| | Two Ganged | Three Ganged |
|---|---|---|
| A | 17.06" [433.3] | 23.12" [587.4] |
| B | 13.56" [344.4] | 19.62" [498.3] |
| C | 15.12" [384.2] | 21.19" [538.2] |

**Manual Two and Three-Ganged, Uncased**



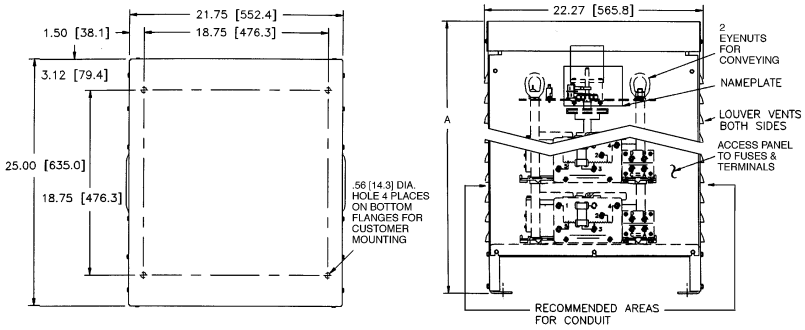

| | Single Unit | Two Ganged |
|---|---|---|
| A | 12.94" [328.6] | 19.18" [487.3] |
| B | 15.50" [393.7] | 21.56" [547.6] |

**Motor Driven, Single and Two-Ganged, Cased**



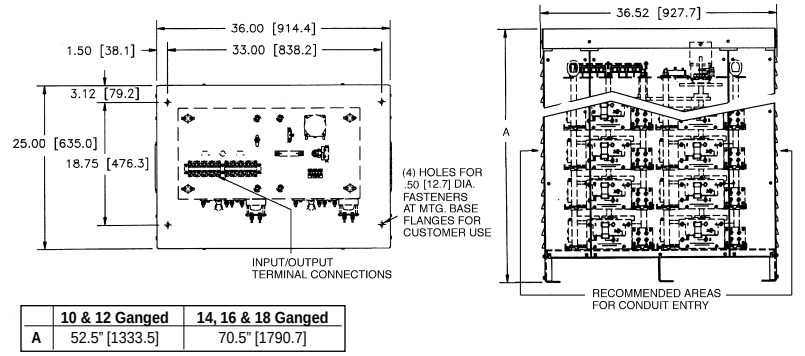

| | 3 Ganged | 4, 5, 6 Ganged | 7, 8, 9 Ganged |
|---|---|---|---|
| A | 35.8" [909.32] | 54.8" [1391.9] | 72.8" [1849.1] |

**Manual Three to Nine-Ganged, Cased**



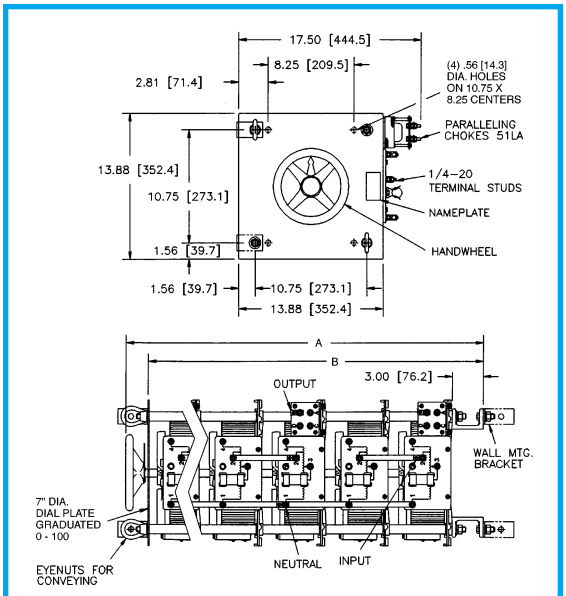

| | 3 Ganged | 4, 5, 6 Ganged | 7, 8, 9 Ganged |
|---|---|---|---|
| A | 33.5" [850.9] | 52.5" [1333.5] | 70.5" [1061.9] |

**Motor-Driven Three to Nine-Ganged, Cased**



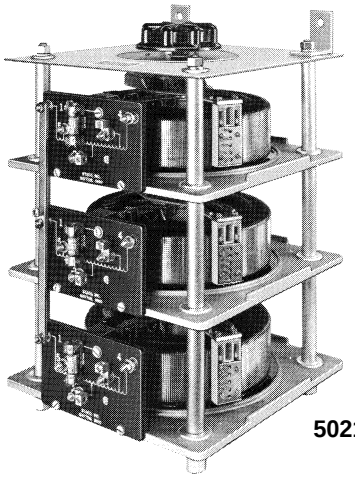

| | 10 & 12 Ganged | 14, 16 & 18 Ganged |
|---|---|---|
| A | 52.5" [1333.5] | 70.5" [1790.7] |

**Motor-Driven 10, 12, 14, 16 & 18-Ganged Open Delta and Parallel, Cased**

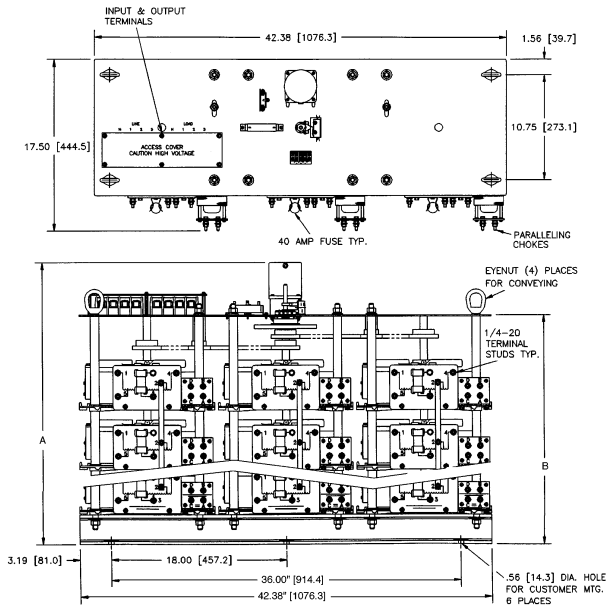



| | A | B |
|---|---|---|
| 4 Ganged | 30.38" [771.5] | 27.38" [695.3] |
| 5 Ganged | 36.44" [925.5] | 33.44" [849.3] |
| 6 Ganged | 42.50" [1079.5] | 39.50" [1003.3] |
| 7 Ganged | 48.56" [1233.5] | 45.56" [1157.3] |
| 8 Ganged | 54.62" [1387.5] | 51.62" [1311.3] |
| 9 Ganged | 60.69" [1541.5] | 57.69" [1465.3] |

**Manual Four to Nine-Ganged, Uncased**

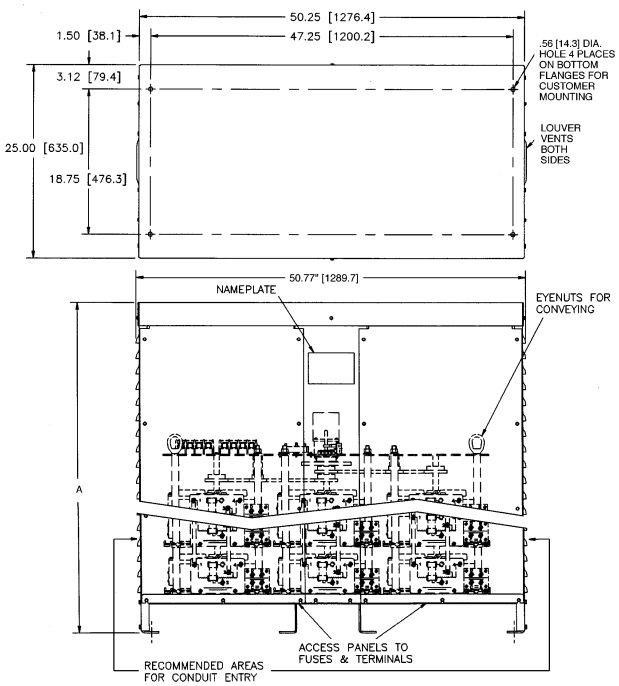


**5021-3Y**



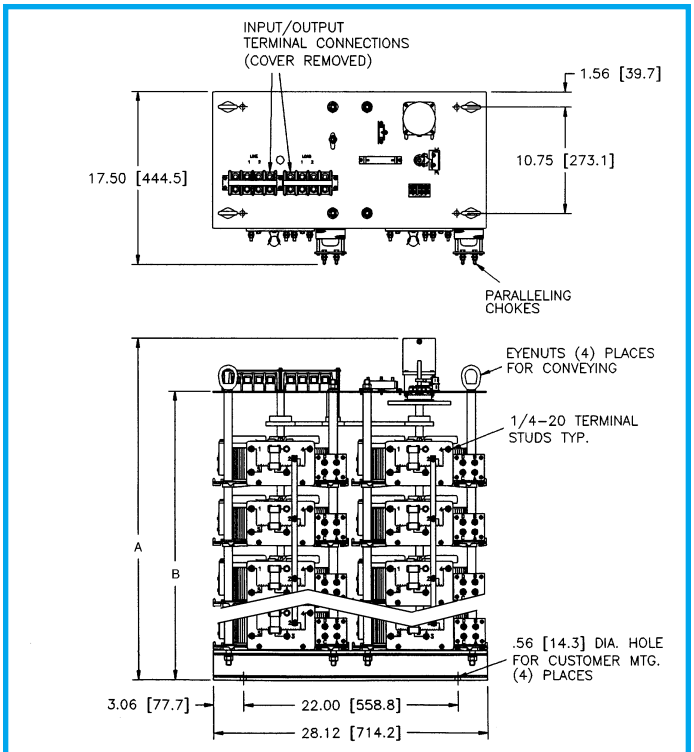

| | 12 Ganged | 15 Ganged | 18 Ganged | 21 Ganged | 24 Ganged | 27 Ganged |
|---|---|---|---|---|---|---|
| A | 36.31" [922.3] | 42.38" [1076.4] | 48.44" [1230.3] | 54.50" [1384.3] | 60.56" [1538.3] | 66.62" [1692.3] |
| B | 30.94" [786.8] | 37.00" [939.8] | 43.06" [1093.8] | 49.12" [1247.8] | 55.19" [1401.8] | 61.25" [1555.8] |

**Motor-Driven 12, 15, 18, 21, 24 & 27-Ganged, Uncased**



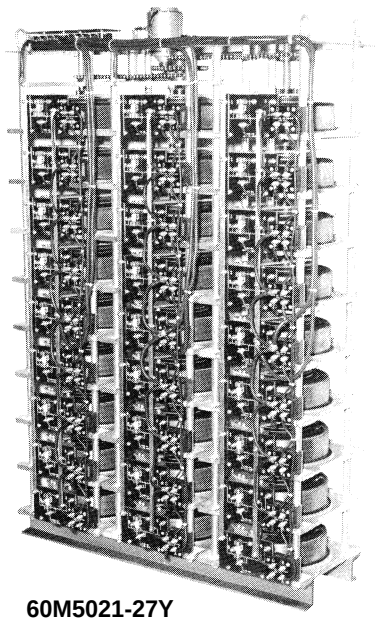

| | 12, 15, 18 Ganged | 21, 24, 27 Ganged |
|---|---|---|
| A | 52.5" [1333.5] | 70.5" [1790.7] |

**Motor-Driven 12, 15, 18, 21, 24 & 27-Ganged, Cased**




| | 10 Ganged | 12 Ganged | 14 Ganged | 16 Ganged | 18 Ganged |
|---|---|---|---|---|---|
| A | 42.38" [1076.3] | 48.44" [1230.3] | 54.50" [1384.3] | 60.56" [1538.3] | 66.62" [1692.3] |
| B | 37.00" [939.8] | 43.06" [1093.8] | 49.12" [1247.8] | 55.19" [1401.8] | 61.25" [1555.8] |

**Motor-Driven 10, 12, 14, 16 & 18-Ganged Open Delta & Parallel, Uncased**



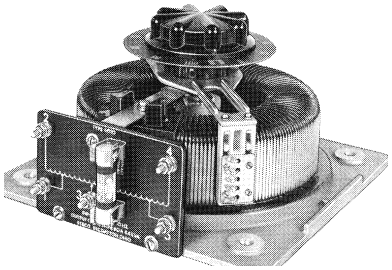
**60M5021-27Y**

Variable transformers of the 6011/6020 Series are designed for larger KVA requirements. The 6011, 120 volt unit is rated for constant current of 60 amperes. The 6020, 240 volt unit is rated at 35 amperes for constant current loads. All single units have coil tapping arrangements allowing output voltage from 0 to line voltage or 17% above line voltage.

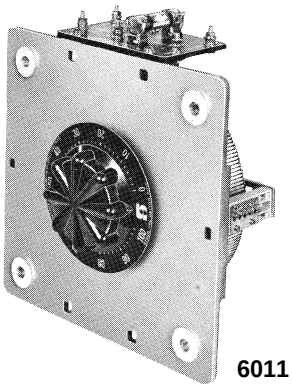
Adjustable shaft design on manually operated models permits back-of-panel or bench mounting. Terminals are 1/4" screw type. For single and two ganged units, case styles are available in either "C" style, which encloses only the coil, or the "CT" style, which provides protective housing for both the coil and terminal board. Knockouts are provided in the terminal board housing to accomodate conduit or cable connections. For three ganged and above, we offer our Nema 1, dripproof, fully front accessible "E" enclosure.

Motor-driven models are available from single thru 27 ganged assemblies; cased or uncased (identified with the prefix "M" in the part number. The synchronous motor is designed for operation on 120 volt, 50/60 Hertz lines and draws approximately 0.3 amperes. To meet a wide range of application requirements, standard motor speeds of 5, 15, 30 and 60 seconds are available depending upon the size of the variable transformer.

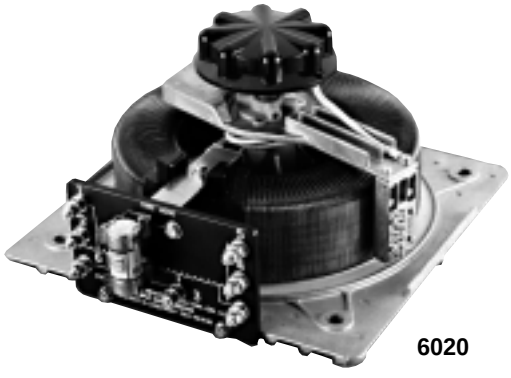
| PART NUMBER | | WIRING | INPUT | | OUTPUT | | | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS For Increasing Voltage As Viewed from Rotor End | | SCHE-MATIC (Pg 8 & 9) | NET WEIGHT IN LBS. (MAX) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MANUALLY OPERATED | MOTOR DRIVEN | | VOLTS | HERTZ | VOLTS | MAX AMPS | MAX KVA | | INPUT | OUTPUT | | MAN-UAL | MOTOR DRIVEN |
| 6011<br>6011C<br>6011CT | M6011<br>M6011C<br>M6011CT | Single Phase | 120 | 50/60 | 0-120 | 60 | 7.2 | CW | 2-4 | 2-3 | 19 | 67 | 88 |
| | | | | | | | | CCW | 4-2 | 4-3 | | | |
| | | | | | 0-140 | 60 | 8.4 | CW | 2-5 | 2-3 | | | |
| | | | | | | | | CCW | 4-1 | 4-3 | | | |
| 6020<br>6020C<br>6020CT | M6020<br>M6020C<br>M6020CT | Single Phase | 240 | 50/60 | 0-240 | 35 | 8.4 | CW | 2-4 | 2-3 | 19 | 63 | 84 |
| | | | | | | | | CCW | 4-2 | 4-3 | | | |
| | | | | | 0-280 | 35 | 9.8 | CW | 2-5 | 2-3 | | | |
| | | | | | | | | CCW | 4-1 | 4-3 | | | |
| | | | 120 | 50/60 | 0-280 | 35*-15 V. D. | 4.2‡ | CW | 2-6 | 2-3 | | | |
| | | | | | | | | CCW | 4-7 | 4-3 | | | |
| 6011-2D<br>6011C-2D<br>6011CT-2D | M6011-2D<br>M6011C-2D<br>M6011CT-2D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 60 | 12.5 | CW | 4-1-4 | 3-1-3 | 20 & 5 | 154 | 175 |
| | | | | | 0-140 | 60 | 14.5 | CW | 2-1-2 | 3-1-3 | | | |
| 6011-2P<br>6011C-2P<br>6011CT-2P | M6011-2P<br>M6011C-2P<br>M6011CT-2P | Single Phase Parallel | 120 | 50/60 | 0-120 | 120 | 14.4 | CW | 1-4 | 1-B | 21 | 156 | 177 |
| | | | | | 0-140 | 120 | 16.8 | CW | 1-2 | 1-B | | | |
| 6011-2S<br>6011C-2S<br>6011CT-2S | M6011-2S<br>M6011C-2S<br>M6011CT-2S | Single Phase Series | 240 | 50/60 | 0-240 | 60 | 14.4 | CW | 4-4 | 3-3 | 20 & 4 | 154 | 175 |
| | | | | | 0-280 | 60 | 16.8 | CW | 2-2 | 3-3 | | | |
| 6020-2D<br>6020C-2D<br>6020CT-2D | M6020-2D<br>M6020C-2D<br>M6020CT-2D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 35 | 14.5 | CW | 4-1-4 | 3-1-3 | 20 & 5 | 146 | 167 |
| | | | | | 0-280 | 35 | 16.9 | CW | 2-1-2 | 3-1-3 | | | |
| | | | 120 | 50/60 | 0-280 | 35*-15 V. D. | 7.3‡ | CW | 5-1-5 | 3-1-3 | | | |
| 6020-2P<br>6020C-2P<br>6020CT-2P | M6020-2P<br>M6020C-2P<br>M6020CT-2P | Single Phase Parallel | 240 | 50/60 | 0-240 | 70 | 16.8 | CW | 1-4 | 1-B | 21 | 148 | 169 |
| | | | | | 0-280 | 70 | 19.6 | CW | 1-2 | 1-B | | | |
| | | | 120 | 50/60 | 0-280 | 70*-30 V. D. | 8.4‡ | CW | 1-5 | 1-B | | | |
| 6020-2S<br>6020C-2S<br>6020CT-2S | M6020-2S<br>M6020C-2S<br>M6020CT-2S | Single Phase Series | 480 | 50/60 | 0-480 | 35 | 16.8 | CW | 4-4 | 3-3 | 20 & 4 | 146 | 167 |
| | | | | | 0-560 | 35 | 19.6 | CW | 2-2 | 3-3 | | | |
| | | | 240 | 50/60 | 0-560 | 35*-15 V. D. | 8.4‡ | CW | 5-5 | 3-3 | | | |
| 6011-3P<br>6011E-3P | M6011-3P<br>M6011E-3P | Single Phase Parallel | 120 | 50/60 | 0-120 | 180 | 21.6 | CW | 1-4 | 1-D | 22 | 246 | 267 |
| | | | | | 0-140 | 180 | 25.2 | CW | 1-2 | 1-D | | | |
| 6011-3Y<br>6011E-3Y | M6011-3Y<br>M6011E-3Y | Three Phase Wye | 240 | 60 | 0-240 | 60 | 24.9 | CW | 4-4-4 | 3-3-3 | 20 & 6 | 242 | 263 |
| | | | | | 0-280 | 60 | 29.1 | CW | 2-2-2 | 3-3-3 | | | |



6011

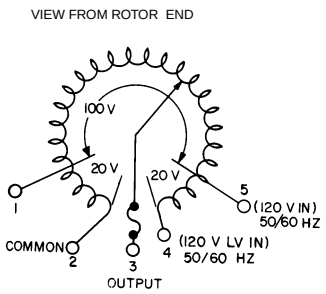


6011

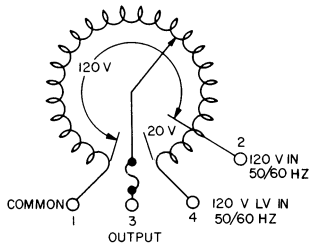


6020

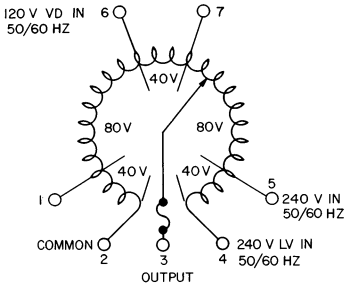
# 6000 Series




6011 Single Unit

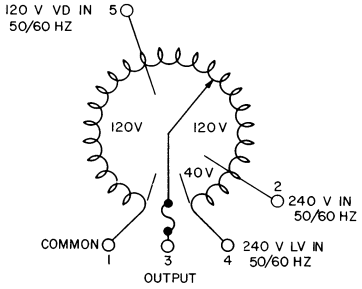



6011 Ganged Unit




For opposite rotation interchange external connections from 5 to 1, 2 to 4 and 6 to 7.

6020 Single Unit




6020 Ganged Unit

| PART NUMBER | | WIRING | INPUT | | OUTPUT | | | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS For Increasing Voltage As Viewed from Rotor End | | SCHE-MATIC (Pg 8 & 9) | NET WEIGHT IN LBS. (MAX) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MANUALLY OPERATED | MOTOR DRIVEN | | VOLTS | HERTZ | VOLTS | MAX AMPS | MAX KVA | | INPUT | OUTPUT | | MAN-UAL | MOTOR DRIVEN |
| 6020-3P<br>6020E-3P | M6020-3P<br>M6020E-3P | Single Phase Parallel | 240 | 50/60 | 0-240 | 105 | 25.2 | CW | 1-4 | 1-D | 22 | 246 | 267 |
| | | | | | 0-280 | 105 | 29.4 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 105*-45 V. D. | 12.6‡ | CW | 1-5 | 1-D | | | |
| 6020-3Y<br>6020E-3Y | M6020-3Y<br>M6020E-3Y | Three Phase Wye | 480 | 50/60 | 0-480 | 35 | 29.1 | CW | 4-4-4 | 3-3-3 | 20 & 6 | 240 | 261 |
| | | | | 60 | 0-560 | 35 | 33.9 | CW | 2-2-2 | 3-3-3 | | | |
| | | | 240 | 60 | 0-560 | 35*-15 V. D. | 14.5‡ | CW | 5-5-5 | 3-3-3 | | | |
| 6011-4D<br>6011E-4D | M6011-4D<br>M6011E-4D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 120 | 24.9 | CW | 4-1-4 | B-1-B | 21 & 5 | 354 | 375 |
| | | | | | 0-140 | 120 | 29.1 | CW | 2-1-2 | B-1-B | | | |
| 6011-4P<br>6011E-4P | M6011-4P<br>M6011E-4P | Single Phase Parallel | 120 | 50/60 | 0-120 | 240 | 28.8 | CW | 1-4 | 1-D | 22 | 356 | 377 |
| | | | | | 0-140 | 240 | 33.6 | CW | 1-2 | 1-D | | | |
| 6011-4PS<br>6011E-4PS | M6011-4PS<br>M6011E-4PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 120 | 28.8 | CW | 4-4 | B-B | 21 & 4 | 354 | 375 |
| | | | | | 0-280 | 120 | 33.6 | CW | 2-2 | B-B | | | |
| 6020-4D<br>6020E-4D | M6020-4D<br>M6020E-4D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 70 | 29.1 | CW | 4-1-4 | B-1-B | 21 & 5 | 338 | 359 |
| | | | | | 0-280 | 70 | 33.9 | CW | 2-1-2 | B-1-B | | | |
| | | | 120 | 50/60 | 0-280 | 70*-30 V. D. | 14.5‡ | CW | 5-1-5 | B-1-B | | | |
| 6020-4P<br>6020E-4P | M6020-4P<br>M6020E-4P | Single Phase Parallel | 240 | 50/60 | 0-240 | 140 | 33.6 | CW | 1-4 | 1-D | 22 | 340 | 361 |
| | | | | | 0-280 | 140 | 39.2 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 140*-60 V. D. | 16.8‡ | CW | 1-5 | 1-D | | | |
| 6020-4PS<br>6020E-4PS | M6020-4PS<br>M6020E-4PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 70 | 33.6 | CW | 4-4 | B-B | 21 & 4 | 338 | 359 |
| | | | | | 0-560 | 70 | 39.2 | CW | 2-2 | B-B | | | |
| | | | 240 | 50/60 | 0-560 | 70*-30 V. D. | 16.8‡ | CW | 5-5 | B-B | | | |
| 6011-5P<br>6011E-5P | M6011-5P<br>M6011E-5P | Single Phase Parallel | 120 | 50/60 | 0-120 | 300 | 36.0 | CW | 1-4 | 1-D | 22 | 450 | 471 |
| | | | | | 0-140 | 300 | 42.0 | CW | 1-2 | 1-D | | | |
| 6020-5P<br>6020E-5P | M6020-5P<br>M6020E-5P | Single Phase Parallel | 240 | 50/60 | 0-240 | 175 | 42.0 | CW | 1-4 | 1-D | 22 | 430 | 451 |
| | | | | | 0-280 | 175 | 49.0 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 175*-75 V. D. | 21.0‡ | CW | 1-5 | 1-D | | | |
| 6011-6D<br>6011E-6D | M6011-6D<br>M6011E-6D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 180 | 37.4 | CW | 4-1-4 | D-1-D | 22 & 5 | 541 | 562 |
| | | | | | 0-140 | 180 | 43.6 | CW | 2-1-2 | D-1-D | | | |
| 6011-6P<br>6011E-6P | M6011-6P<br>M6011E-6P | Single Phase Parallel | 120 | 50/60 | 0-120 | 360 | 43.2 | CW | 1-4 | 1-D | 22 | 543 | 564 |
| | | | | | 0-140 | 360 | 50.4 | CW | 1-2 | 1-D | | | |
| 6011-6PS<br>6011E-6PS | M6011-6PS<br>M6011E-6PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 180 | 43.2 | CW | 4-4 | D-D | 22 & 4 | 541 | 562 |
| | | | | | 0-280 | 180 | 50.4 | CW | 2-2 | D-D | | | |
| 6011-6Y<br>6011E-6Y | M6011-6Y<br>M6011E-6Y | Three Phase Wye | 240 | 60 | 0-240 | 120 | 49.8 | CW | 4-4-4 | B-B-B | 21 & 6 | 539 | 560 |
| | | | | | 0-280 | 120 | 58.1 | CW | 2-2-2 | B-B-B | | | |

# 6000 Series

| PART NUMBER | | WIRING | INPUT | | OUTPUT | | | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS For Increasing Voltage As Viewed from Rotor End | | SCHE-MATIC (Pg 8 & 9) | NET WEIGHT IN LBS. (MAX) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MANUALLY OPERATED | MOTOR DRIVEN | | VOLTS | HERTZ | VOLTS | MAX AMPS | MAX KVA | | INPUT | OUTPUT | | MAN-UAL | MOTOR DRIVEN |
| 6020-6D<br>6020E-6D | M6020-6D<br>M6020E-6D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 105 | 43.6 | CW | 4-1-4 | D-1-D | 22 & 5 | 517 | 538 |
| | | | | | 0-280 | 105 | 50.9 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 105*-45 V. D. | 21.8‡ | CW | 5-1-5 | D-1-D | | | |
| 6020-6P<br>6020E-6P | M6020-6P<br>M6020E-6P | Single Phase Parallel | 240 | 50/60 | 0-240 | 210 | 50.4 | CW | 1-4 | 1-D | 22 | 489 | 510 |
| | | | | | 0-280 | 210 | 58.8 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 210*-90 V. D. | 25.2‡ | CW | 1-5 | 1-D | | | |
| 6020-6PS<br>6020E-6PS | M6020-6PS<br>M6020E-6PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 105 | 50.4 | CW | 4-4 | D-D | 22 & 4 | 487 | 508 |
| | | | | | 0-560 | 105 | 58.8 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 105*-45 V. D. | 25.2‡ | CW | 5-5 | D-D | | | |
| 6020-6Y<br>6020E-6Y | M6020-6Y<br>M6020E-6Y | Three Phase Wye | 480 | 50/60 | 0-480 | 70 | 58.1 | CW | 4-4-4 | B-B-B | 21 & 6 | 485 | 506 |
| | | | | 60 | 0-560 | 70 | 67.8 | CW | 2-2-2 | B-B-B | | | |
| | | | 240 | 60 | 0-560 | 70*-30 V. D. | 29.1‡ | CW | 5-5-5 | B-B-B | | | |
| 6011-7P<br>6011E-7P | M6011-7P<br>M6011E-7P | Single Phase Parallel | 120 | 50/60 | 0-120 | 420 | 50.4 | CW | 1-4 | 1-D | 22 | 633 | 654 |
| | | | | | 0-140 | 420 | 58.8 | CW | 1-2 | 1-D | | | |
| 6020-7P<br>6020E-7P | M6020-7P<br>M6020E-7P | Single Phase Parallel | 240 | 50/60 | 0-240 | 245 | 58.8 | CW | 1-4 | 1-D | 22 | 598 | 619 |
| | | | | | 0-280 | 245 | 68.6 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 245*-105 V. D. | 29.4‡ | CW | 1-5 | 1-D | | | |
| 6011-8D<br>6011E-8D | M6011-8D<br>M6011E-8D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 240 | 49.8 | CW | 4-1-4 | D-1-D | 22 & 5 | 720 | 741 |
| | | | | | 0-140 | 240 | 58.1 | CW | 2-1-2 | D-1-D | | | |
| 6011-8P<br>6011E-8P | M6011-8P<br>M6011E-8P | Single Phase Parallel | 120 | 50/60 | 0-120 | 480 | 57.6 | CW | 1-4 | 1-D | 22 | 722 | 743 |
| | | | | | 0-140 | 480 | 67.2 | CW | 1-2 | 1-D | | | |
| 6011-8PS<br>6011E-8PS | M6011-8PS<br>M6011E-8PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 240 | 57.6 | CW | 4-4 | D-D | 22 & 4 | 720 | 741 |
| | | | | | 0-280 | 240 | 67.2 | CW | 2-2 | D-D | | | |
| 6020-8D<br>6020E-8D | M6020-8D<br>M6020E-8D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 140 | 58.1 | CW | 4-1-4 | D-1-D | 22 & 5 | 688 | 709 |
| | | | | | 0-280 | 140 | 67.8 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 140*-60 V. D. | 29.1‡ | CW | 5-1-5 | D-1-D | | | |
| 6020-8P<br>6020E-8P | M6020-8P<br>M6020E-8P | Single Phase Parallel | 240 | 50/60 | 0-240 | 280 | 67.2 | CW | 1-4 | 1-D | 22 | 690 | 711 |
| | | | | | 0-280 | 280 | 78.4 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 280*-120 V. D. | 33.6‡ | CW | 1-5 | 1-D | | | |
| 6020-8PS<br>6020E-8PS | M6020-8PS<br>M6020E-8PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 140 | 67.2 | CW | 4-4 | D-D | 22 & 4 | 688 | 709 |
| | | | | | 0-560 | 140 | 78.4 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 140*-60 V. D. | 33.6‡ | CW | 5-5 | D-D | | | |
| 6011-9P<br>6011E-9P | M6011-9P<br>M6011E-9P | Single Phase Parallel | 120 | 50/60 | 0-120 | 540 | 64.8 | CW | 1-4 | 1-D | 22 | 811 | 832 |
| | | | | | 0-140 | 540 | 75.6 | CW | 1-2 | 1-D | | | |
| 6011-9Y<br>6011E-9Y | M6011-9Y<br>M6011E-9Y | Three Phase Wye | 240 | 60 | 0-240 | 180 | 74.7 | CW | 4-4-4 | D-D-D | 22 & 6 | 807 | 828 |
| | | | | | 0-280 | 180 | 87.2 | CW | 2-2-2 | D-D-D | | | |
| 6020-9P<br>6020E-9P | M6020-9P<br>M6020E-9P | Single Phase Parallel | 240 | 50/60 | 0-240 | 315 | 75.6 | CW | 1-4 | 1-D | 22 | 775 | 796 |
| | | | | | 0-280 | 315 | 88.2 | CW | 1-2 | 1-D | | | |
| | | | 120 | 50/60 | 0-280 | 315*-135 V. D. | 37.8‡ | CW | 1-5 | 1-D | | | |
| 6020-9Y<br>6020E-9Y | M6020-9Y<br>M6020E-9Y | Three Phase Wye | 480 | 50/60 | 0-480 | 105 | 87.2 | CW | 4-4-4 | D-D-D | 22 & 6 | 771 | 792 |
| | | | | 60 | 0-560 | 105 | 101.7 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 105*-45 V. D. | 43.6‡ | CW | 5-5-5 | D-D-D | | | |
| — | M6011-10D<br>M6011E-10D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 300 | 62.3 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 912 |
| | | | | | 0-140 | 300 | 72.7 | CW | 2-1-2 | D-1-D | | | |
| — | M6011-10PS<br>M6011E-10PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 300 | 72.0 | CW | 4-4 | D-D | 22 & 4 | — | 912 |
| | | | | | 0-280 | 300 | 84.0 | CW | 2-2 | D-D | | | |
| — | M6020-10D<br>M6020E-10D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 175 | 72.7 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 912 |
| | | | | | 0-280 | 175 | 84.8 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 175*-75 V. D. | 36.3‡ | CW | 5-1-5 | D-1-D | | | |

# 6000 Series

| PART NUMBER | | WIRING | INPUT | | OUTPUT | | | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS For Increasing Voltage As Viewed from Rotor End | | SCHE-MATIC (Pg 8 & 9) | NET WEIGHT IN LBS. (MAX) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MANUALLY OPERATED | MOTOR DRIVEN | | VOLTS | HERTZ | VOLTS | MAX AMPS | MAX KVA | | INPUT | OUTPUT | | MAN-UAL | MOTOR DRIVEN |
| — | M6020-10PS M6020E-10PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 175 | 84.0 | CW | 4-4 | D-D | 22 & 4 | — | 872 |
| | | | | | 0-560 | 175 | 98.0 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 175*-75 V. D. | 42.0‡ | CW | 5-5 | D-D | | | |
| — | M6011-12D M6011E-12D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 360 | 74.7 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1060 |
| | | | | | 0-140 | 360 | 87.2 | CW | 2-1-2 | D-1-D | | | |
| — | M6011-12PS M6011E-12PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 360 | 86.4 | CW | 4-4 | D-D | 22 & 4 | — | 1060 |
| | | | | | 0-280 | 360 | 100.8 | CW | 2-2 | D-D | | | |
| — | M6020-12D M6020E-12D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 210 | 87.2 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1012 |
| | | | | | 0-280 | 210 | 101.7 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 210*-90 V. D. | 43.6‡ | CW | 5-1-5 | D-1-D | | | |
| — | M6020-12PS M6020E-12PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 210 | 100.8 | CW | 4-4 | D-D | 22 & 4 | — | 1012 |
| | | | | | 0-560 | 210 | 117.6 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 210*-90 V. D. | 50.4‡ | CW | 5-5 | D-D | | | |
| — | M6011-14D M6011E-14D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 420 | 87.2 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1237 |
| | | | | | 0-140 | 420 | 101.7 | CW | 2-1-2 | D-1-D | | | |
| — | M6011-14PS M6011E-14PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 420 | 100.8 | CW | 4-4 | D-D | 22 & 4 | — | 1237 |
| | | | | | 0-280 | 420 | 117.6 | CW | 2-2 | D-D | | | |
| — | M6020-14D M6020E-14D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 245 | 101.7 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1181 |
| | | | | | 0-280 | 245 | 118.7 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 245*-105 V. D. | 50.9‡ | CW | 5-1-5 | D-1-D | | | |
| — | M6020-14PS M6020E-14PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 245 | 117.6 | CW | 4-4 | D-D | 22 & 4 | — | 1181 |
| | | | | | 0-560 | 245 | 137.2 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 245*-105 V. D. | 58.8‡ | CW | 5-5 | D-D | | | |
| — | M6011-16D M6011E-16D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 480 | 99.6 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1414 |
| | | | | | 0-140 | 480 | 116.3 | CW | 2-1-2 | D-1-D | | | |
| — | M6011-16PS M6011E-16PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 480 | 115.2 | CW | 4-4 | D-D | 22 & 4 | — | 1414 |
| | | | | | 0-280 | 480 | 134.4 | CW | 2-2 | D-D | | | |
| — | M6020-16D M6020E-16D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 280 | 116.3 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1350 |
| | | | | | 0-280 | 280 | 135.6 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 280*-120 V. D. | 58.1‡ | CW | 5-1-5 | D-1-D | | | |
| — | M6020-16PS M6020E-16PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 280 | 134.4 | CW | 4-4 | D-D | 22 & 4 | — | 1350 |
| | | | | | 0-560 | 280 | 156.8 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 280*-120 V. D. | 67.2‡ | CW | 5-5 | D-D | | | |
| — | M6011-18D M6011E-18D | Three Phase Open Delta | 120 | 50/60 | 0-120 | 540 | 112.1 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1597 |
| | | | | | 0-140 | 540 | 130.8 | CW | 2-1-2 | D-1-D | | | |
| — | M6011-18PS M6011E-18PS | Single Phase Series Parallel | 240 | 50/60 | 0-240 | 540 | 129.6 | CW | 4-4 | D-D | 22 & 4 | — | 1597 |
| | | | | | 0-280 | 540 | 151.2 | CW | 2-2 | D-D | | | |
| — | M6020-18D M6020E-18D | Three Phase Open Delta | 240 | 50/60 | 0-240 | 315 | 130.8 | CW | 4-1-4 | D-1-D | 22 & 5 | — | 1525 |
| | | | | | 0-280 | 315 | 152.6 | CW | 2-1-2 | D-1-D | | | |
| | | | 120 | 50/60 | 0-280 | 315*-135 V. D. | 94.5‡ | CW | 5-1-5 | D-1-D | | | |
| — | M6020-18PS M6020E-18PS | Single Phase Series Parallel | 480 | 50/60 | 0-480 | 315 | 151.2 | CW | 4-4 | D-D | 22 & 4 | — | 1525 |
| | | | | | 0-560 | 315 | 176.4 | CW | 2-2 | D-D | | | |
| | | | 240 | 50/60 | 0-560 | 315*-135 V. D. | 75.6‡ | CW | 5-5 | D-D | | | |
| — | M6011-12Y M6011E-12Y | Three Phase Wye | 240 | 60 | 0-240 | 240 | 99.6 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1062 |
| | | | | | 0-280 | 240 | 116.3 | CW | 2-2-2 | D-D-D | | | |

| PART NUMBER | | WIRING | INPUT | | OUTPUT | | | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS For Increasing Voltage As Viewed from Rotor End | | SCHE-MATIC (Pg 8 & 9) | NET WEIGHT IN LBS. (MAX) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MANUALLY OPERATED | MOTOR DRIVEN | | VOLTS | HERTZ | VOLTS | MAX AMPS | MAX KVA | | INPUT | OUTPUT | | MAN-UAL | MOTOR DRIVEN |
| — | M6020-12Y<br>M6020E-12Y | Three Phase Wye | 480 | 50/60 | 0-480 | 140 | 116.3 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1014 |
| | | | | 60 | 0-560 | 140 | 135.6 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 140*-60 V. D. | 58.1‡ | CW | 5-5-5 | D-D-D | | | |
| — | M6011-15Y<br>M6011E-15Y | Three Phase Wye | 240 | 60 | 0-240 | 300 | 124.6 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1329 |
| | | | | | 0-280 | 300 | 145.3 | CW | 2-2-2 | D-D-D | | | |
| — | M6020-15Y<br>M6020E-15Y | Three Phase Wye | 480 | 50/60 | 0-480 | 175 | 145.3 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1269 |
| | | | | 60 | 0-560 | 175 | 169.5 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 175*-75 V. D. | 72.7‡ | CW | 5-5-5 | D-D-D | | | |
| — | M6011-18Y<br>M6011E-18Y | Three Phase Wye | 240 | 60 | 0-240 | 360 | 149.5 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1595 |
| | | | | | 0-280 | 360 | 174.4 | CW | 2-2-2 | D-D-D | | | |
| — | M6020-18Y<br>M6020E-18Y | Three Phase Wye | 480 | 50/60 | 0-480 | 210 | 174.6 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1523 |
| | | | | 60 | 0-560 | 210 | 203.4 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 210*-90 V. D. | 87.2‡ | CW | 5-5-5 | D-D-D | | | |
| — | M6011-21Y<br>M6011E-21Y | Three Phase Wye | 240 | 60 | 0-240 | 420 | 174.4 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1864 |
| | | | | | 0-280 | 420 | 203.4 | CW | 2-2-2 | D-D-D | | | |
| — | M6020-21Y<br>M6020E-21Y | Three Phase Wye | 480 | 50/60 | 0-480 | 245 | 203.4 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 1780 |
| | | | | 60 | 0-560 | 245 | 237.4 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 245*-105 V. D. | 101.7‡ | CW | 5-5-5 | D-D-D | | | |
| — | M6011-24Y<br>M6011E-24Y | Three Phase Wye | 240 | 60 | 0-240 | 480 | 199.3 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 2132 |
| | | | | | 0-280 | 480 | 232.5 | CW | 2-2-2 | D-D-D | | | |
| — | M6020-24Y<br>M6020E-24Y | Three Phase Wye | 480 | 50/60 | 0-480 | 280 | 232.5 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 2036 |
| | | | | 60 | 0-560 | 280 | 271.3 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 280*-120 V. D. | 116.3‡ | CW | 5-5-5 | D-D-D | | | |
| — | M6011-27Y<br>M6011E-27Y | Three Phase Wye | 240 | 60 | 0-240 | 540 | 224.2 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 2401 |
| | | | | | 0-280 | 540 | 261.6 | CW | 2-2-2 | D-D-D | | | |
| — | M6020-27Y<br>M6020E-27Y | Three Phase Wye | 480 | 50/60 | 0-480 | 315 | 261.6 | CW | 4-4-4 | D-D-D | 22 & 6 | — | 2293 |
| | | | | 60 | 0-560 | 315 | 305.2 | CW | 2-2-2 | D-D-D | | | |
| | | | 240 | 60 | 0-560 | 315*-135 V. D. | 130.8‡ | CW | 5-5-5 | D-D-D | | | |

* Maximum output current in output voltage range from 0 to 25 percent above line voltage. At higher output voltages, output current must be reduced according to rating curve Figure B, page 6.

‡ Maximum KVA at maximum output and corresponding de-rated current. Maximum KVA at lower output voltages may be calculated from rating curve Figure B, page 6.

V. D. Voltage Doubler

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

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С нами вы становитесь еще успешнее!

**Наши контакты:**

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