

GENERAL SPECIFICATIONS:

VOLTAGE, PHASE, FREQUENCY

208V, 480V, 600V, 3-phase 3-wire, 60Hz

OPERATING TEMPERATURE RISE

130°C [115°C] [80°C]

INSULATION CLASS

220°C

ANGULAR DISPLACEMENT

30°

SHORT CIRCUIT IMPEDANCE

1.0% Nominal

PRIMARY TAPS

Not Available

K-FACTOR CAPABILITY

20

FULL LOAD EFFICIENCY

> 98%

MAGNETISING INRUSH

< 10 times FL RMS

WINDING MATERIAL

Copper

AUDIBLE SOUND LEVEL

As per NEMA ST-20 & CSA C9

ENCLOSURE

Type: NEMA-3R, ventilated

Paint: Polyester powder coated

Colour: ANSI 61 Grey

OPTIONS:

OVER-TEMPERATURE SWITCH(ES)

[170°C] [200°C]

SOLID BOTTOM PLATE (Case 'MT' only)

[yes], [no]

| 'ST' ENCLOSURE DIM. - inches [mm] | | | | 'MT1', 'MT2' ENCLOSURE DIM. - inches [mm] | | | |
|-----------------------------------|-------------|-------------|-------------|---|-------------|-------------|-------------|
| | | | | | | | |
| CASE | A | B | C | D | E | F | G |
| ST2 | 20.00 [508] | 14.00 [356] | 12.50 [318] | 14.00 [356] | 12.00 [305] | 10.00 [254] | 18.00 [457] |
| MT1 | 29.00 [737] | 16.75 [425] | 15.00 [381] | 19.00 [483] | 13.75 [349] | 13.00 [330] | 19.50 [495] |
| MT2 | 38.00 [965] | 21.50 [546] | 19.50 [495] | 23.50 [597] | 17.00 [432] | 17.50 [445] | 25.00 [635] |

| 'MT3', 'MT4', 'LT' ENCLOSURE DIM. - inches [mm] | | | | | | |
|---|--------------|--------------|-------------|-------------|-------------|-------------|
| | | | | | | |
| CASE | A | B | C | D | E | F |
| MT3 | 45.00 [1143] | 26.00 [661] | 21.00 [534] | 25.00 [635] | 21.50 [546] | 19.00 [483] |
| MT4 | 51.50 [1308] | 32.00 [813] | 25.50 [648] | 29.50 [749] | 23.50 [597] | 23.50 [597] |
| LT1 | 59.00 [1499] | 39.50 [1003] | 30.00 [762] | 34.00 [864] | 24.00 [610] | 32.00 [813] |

Product Code:

Device kVA
7.5, 11, 14, 15, 20, 27, 30, 34, 40, 45, 51, 63,
75, 93, 112.5, 118, 145, 150, 175, 220, 225,
275, 300, 330, 440, 500, 550, 660, 750

5,7 - hhh - kVA

Eliminator L System L-L Voltage
208, 480, 600
5,7
(consult factory for other voltages)

| Sizes | | | | Losses ^[1] | | Connections for 5,7 Eliminator | | |
|---------------|---------------|------------|-------------------------------|-----------------------|--------------------|---|------------|------------|
| Std. Size kVA | Drive Size HP | Case Style | Weight lb [kg] ^[1] | Iron | Copper (full load) | Mechanical Lugs Provided (Input & Output) | | |
| | | | | | | 208VAC | 480VAC | 600VAC |
| 7.5 | 5 | ST2 | 100 [45] | 70W | 160W | #2-#14 | #6-#14 | #6-#14 |
| 11 | 7.5 | ST2 | 125 [57] | 80W | 180W | #2-#14 | #6-#14 | #6-#14 |
| 14 | 10 | ST2 | 154 [70] | 90W | 200W | #2-#14 | #6-#14 | #6-#14 |
| 15 | | ST2 | 154 [70] | 90W | 200W | #2-#14 | #6-#14 | #6-#14 |
| 20 | 15 | MT1 | 175 [80] | 95W | 220W | #2-#14 | #6-#14 | #6-#14 |
| 27 | 20 | MT1 | 190 [86] | 100W | 260W | 2/0-#6 | #6-#14 | #6-#14 |
| 30 | | MT1 | 198 [90] | 100W | 300W | 2/0-#6 | #6-#14 | #6-#14 |
| 34 | 25 | MT1 | 215 [98] | 110W | 320W | 2/0-#6 | #2-#14 | #6-#14 |
| 40 | 30 | MT1 | 250 [114] | 140W | 370W | 2/0-#6 | #2-#14 | #2-#14 |
| 45 | | MT1 | 286 [130] | 150W | 400W | 2/0-#6 | #2-#14 | #2-#14 |
| 51 | 40 | MT2 | 300 [136] | 170W | 430W | 2/0-#6 | 2/0-#6 | #2-#14 |
| 63 | 50 | MT2 | 370 [168] | 210W | 490W | 250MCM-#6 | 2/0-#6 | 2/0-#6 |
| 75 | 60 | MT2 | 440 [200] | 250W | 560W | 250MCM-#6 | 250MCM-#6 | 2/0-#6 |
| 93 | 75 | MT3 | 485 [220] | 330W | 810W | 500MCM-#4 | 250MCM-#6 | 250MCM-#6 |
| 112.5 | | MT3 | 506 [230] | 400W | 1000W | 500MCM-#4 | 350MCM-#6 | 250MCM-#6 |
| 118 | 100 | MT3 | 525 [239] | 420W | 1050W | Copper Pad | 600MCM-#4 | 350MCM-#6 |
| 145 | 125 | MT3 | 585 [266] | 510W | 1250W | Copper Pad | Copper Pad | 600MCM-#4 |
| 150 | | MT3 | 594 [270] | 500W | 1200W | Copper Pad | Copper Pad | Copper Pad |
| 175 | 150 | MT3 | 780 [355] | 600W | 1500W | Copper Pad | Copper Pad | Copper Pad |
| 220 | 200 | MT3 | 946 [430] | 700W | 1700W | Copper Pad | Copper Pad | Copper Pad |
| 225 | | MT4 | 946 [430] | 700W | 1700W | Copper Pad | Copper Pad | Copper Pad |
| 275 | 250 | MT4 | 1100 [499] | 850W | 2100W | Copper Pad | Copper Pad | Copper Pad |
| 300 | | MT4 | 1155 [525] | 900W | 2100W | Copper Pad | Copper Pad | Copper Pad |
| 330 | 300 | MT4 | 1200 [545] | 1000W | 2400W | Copper Pad | Copper Pad | Copper Pad |
| 440 | 400 | MT4 | 1350 [614] | 1150W | 2800W | Copper Pad | Copper Pad | Copper Pad |
| 500 | | MT4 | 1408 [640] | 1200W | 2500W | Copper Pad | Copper Pad | Copper Pad |
| 550 | 500 | LT1 | 1575 [714] | 1275W | 3200W | Copper Pad | Copper Pad | Copper Pad |
| 660 | 600 | LT1 | 1675 [760] | 1400W | 3600W | Copper Pad | Copper Pad | Copper Pad |
| 750 | | LT1 | 1875 [850] | 1500W | 3000W | | Copper Pad | Copper Pad |

1. Estimated Values. For additional information refer to: Typical Specifications, Technical Guide, Internal Layout and Connection Diagrams.

2. Specifications are subject to change without notice.

3. End user is responsible for ensuring that the 5,7 Eliminator installation and wiring satisfies all applicable electrical and safety code requirements.

4. For additional information refer to: Typical Specifications, Technical Guide, Internal Layout and Connection Diagrams.

