

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

20° [+20°]

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

5,13 - hhh - kVA

Eliminator System L-L Voltage
 5,13 208, 480, 600
 (consult factory for other voltages)

Sizes				Losses ^[1]		Connections for 5,13 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 5,13 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.

