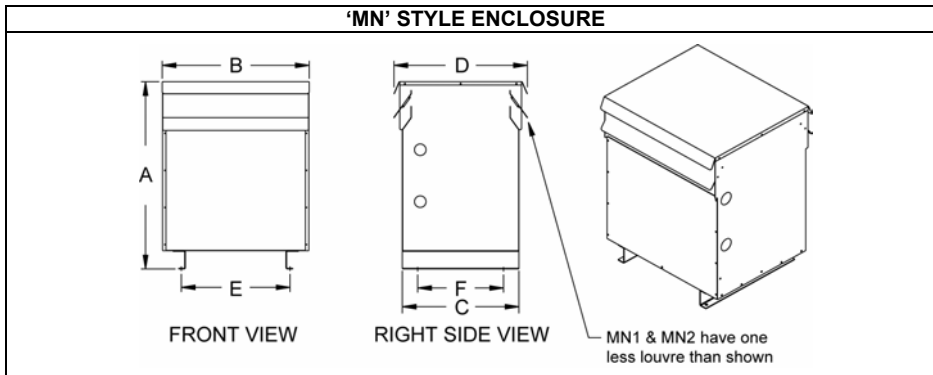


GENERAL SPECIFICATIONS:

PRIMARY
3-phase, 3-wire, 60Hz
FOUR SECONDARIES [each]
3-phase, 4-wire, 60Hz, 33% rated
OPERATING TEMPERATURE RISE
130°C [115°C] [80°C]
INSULATION CLASS
220°C
ANGULAR DISPLACEMENT⁽¹⁾
15° between secondary groups
ZERO SEQUENCE IMPEDANCE
Z ₀ < 0.95%, X ₀ < 0.3% (or as per table below)
PRIMARY TAPS
All 208V: ± 1 x 5% 75kVA – 300kVA: ± 2 x 2.5%
K-FACTOR CAPABILITY
20
CREST FACTOR CAPABILITY
4.5
COMMON NEUTRAL BUS AMPACITY
200% of phase current
FULL LOAD EFFICIENCY
> 97%
MAGNETISING INRUSH
< 10 times FL RMS
WINDING MATERIAL
Copper
INSULATING VARNISH IMPREGNATION
Polyester Resin
AUDIBLE SOUND LEVEL
As per NEMA ST-20 75 – 150kVA: 50dB 225 – 300kVA: 55dB
ENCLOSURE
Type: NEMA-3R, ventilated Paint: Polyester powder coated Colour: ANSI 61 Grey
ELECTROSTATIC SHIELD
Single, [double]

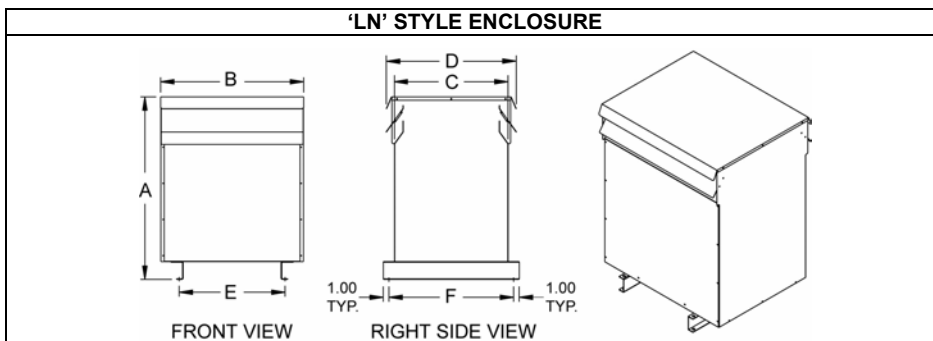
OPTIONS:

OVER-TEMPERATURE SENSORS
[170°C], [200°C]
SOLID BOTTOM PLATE (Case 'MN' only)
[yes], [no]



DIMENSIONS - inches [mm]

CASE STYLE	A	B	C	D	E	F
MN1	22.00 [559]	16.75 [425]	15.00 [381]	19.00 [483]	13.75 [349]	13.00 [330]
MN2	29.00 [737]	21.50 [546]	19.50 [495]	23.50 [597]	17.00 [432]	17.50 [445]
MN3	38.00 [965]	26.00 [661]	21.00 [534]	25.00 [635]	21.50 [546]	19.00 [483]
MN4	41.00 [1041]	32.00 [813]	25.50 [648]	29.50 [749]	23.50 [597]	23.50 [597]



DIMENSIONS - inches [mm]

CASE STYLE	A	B	C	D	E	F
LN1	51.50 [1308]	39.50 [1003]	30.00 [762]	34.00 [864]	24.00 [610]	32.00 [813]
LN2	59.00 [1499]	48.50 [1232]	34.00 [864]	38.00 [965]	27.50 [699]	36.00 [915]
LN3	66.00 [1677]	51.50 [1308]	39.00 [991]	43.00 [1092]	34.00 [864]	41.00 [1042]
LN6	70.00 [1778]	64.00 [1626]	40.00 [1016]	44.00 [1118]	40.00 [1016]	42.00 [1067]

Product Code:

Angular Displacement
15
Secondary L-L Voltage
208, 480, 600
Secondary Rating [each]
33% (of primary kVA)

H4 t - dd - hhh - xxx - kVA - 33% - S

Transformer Type
T = (isolation)
A = (autotransformer)
Primary L-L Voltage
208, 480, 600
Primary kVA
75, 112.5,
150, 225, 300
Electrostatic Shield: S = (single shield)
SS = (double shield)

Sizes			Losses ^[2]		Impedances			Terminal Lugs Provided (Mechanical Type)				
kVA Primary	Case Style	Weight lb [kg] ^[2]	Iron	Copper (full load)	3 Phase Short Circuit ^[5]	Zero Sequence ^[6]		Primary			Each Sec. Phase	Total on Common
						Z ₀	X ₀	120/208V	Neutral	600V	120/208V	Neutral
75	MN3	902 [410]	550W	1750W	2.8-3.5%	< 0.95%	< 0.3%	600MCM-#4	2/0-#6	2/0-#6	2/0-#6	4x2/0-#6
112.5	MN4	1210 [550]	660W	2700W	2.8-3.5%	< 0.95%	< 0.3%	2x350MCM-#6	250MCM-#6	2/0-#6	250MCM-#6	8x250MCM-#6
150	MN4	1540 [700]	750W	3700W	2.8-3.5%	< 0.95%	< 0.3%	2x350MCM-#6	350MCM-#6	250MCM-#6	250MCM-#6	8x250MCM-#6
225	LN1	2145 [974]	900W	5800W	3.2-4.5%	< 1.0%	< 0.5%	2x600MCM-#4	600MCM-#4	600MCM-#4	600MCM-#4	8x600MCM-#4
300	LN2	2860 [1299]	1200W	6800W	3.2-4.5%	< 1.0%	< 0.5%	Copper Pad	Copper Pad	Copper Pad	Copper Pad	Copper Pad

1. Primary group H leads the four secondary groups X by 7.5, 22.5, 37.5 and 52.5 degrees respectively.
 2. Estimated Values.
 3. For additional information refer to: Typical Specifications, Technical Guide, Internal Layout and Connection Diagrams.
 4. Specifications are subject to change without notice.
 5. Based on primary side kVA rating and measured with all secondaries short circuited.
 6. Based on kVA rating of one secondary and measured with only one secondary short circuited.

