



500VA 120 VOLTS TO 416Y/240 VOLTS THREE PHASE ISOLATION TRANSFORMER

\$49,041.72 CAD

Three Phase Isolation Transformer with a capacity of 500kVA, transforming 120 Volts to 416Y/240 Volts

SKU: BC500A-N/Z3

Categories: [Isolation Transformers](#)

SCHEMATIC/DIAGRAM AND DIMENSION PICTURES



Three Phase Isolation Transformer with a capacity of 500kVA, transforming 120 Volts to 416Y/240 Volts



PRODUCT SPECIFICATIONS

Weight	3500 lbs
Phases	3
kVA	500
Connection	3Ph-DY-5CT-SU
Primary Voltage	120
Primary Max Current	2405.63A
Primary Markings	X1-X2-X3
Primary Terminals	Pads
Secondary Voltage	416Y/240
Secondary Max Current	693.93A
Secondary Markings	H0-H1-H2-H3
Secondary Terminals	Pads
Primary Taps	+/- 2 x 2.5%
Conductor Material	Copper
BIL (Insulation) Level	10kV
Efficiency (@35% Load) %	99.14% (DOE 2016/NRCAN 2019)
Impedance Range	5.0 – 7.0%
Sound (db)	60
Enclosure Type	NEMA 3R Indoor
Enclosure Size	E3R-10
Finish/Colour	Polyester Powder Coat – ANSI/ASA 61 Grey
Standards & Certifications	CSA Certified File No. LR34493, UL Listed File No. E108255, ISO 9001:2015 Registered
Temperature Rise	150°C



500VA 120 VOLTS TO 416Y/240
VOLTS THREE PHASE ISOLATION
TRANSFORMER

Insuation Class	150°C
Country/Manufacturer	Canada/RPM
Finish/Colour	Polyester Powder Coat – ANSI/ASA 61 Grey