

# Dry Type Transformers

## Low Noise

### Aluminum

#### Three-Phase TP-1

### Product Description

These low noise transformers are designed to operate at reduced noise levels. The vibrations within the magnetic steel core were greatly reduced, thus lowering the humming of the transformer from 3 to 5 dB less than NEMA/ANSI standards. Available in Aluminum or Copper windings, with either a 150°C, 115°C or 80°C rise.

### Application

Type QL low noise transformers are ideal when quiet operation is required such as near offices, in school buildings, or hospitals. Although they are inherently quieter, installation can greatly influence their noise level and therefore care should be taken in following acoustical principles as well as proper installation procedures. Closets and corners should be avoided as they act as megaphones by seemingly increasing noise levels.



Type QL Low Noise Transformer (front panel removed)

### 150°C Rise NEMA 2

Input Voltage	Output Voltage	kVA	Taps	Wiring Diagram No. <sup>1</sup>	Approx Net Weight (Lbs)	Frame Size	Product Number
480 Volts Delta	208Y/120 Volts	15	(+2, -4 2.5%)	12	240	XV371	9T83B3141
480 Volts Delta	208Y/120 Volts	30	(+2, -4 2.5%)	12	334	Y372A	9T83B3142
480 Volts Delta	208Y/120 Volts	45	(+2, -4 2.5%)	12	415	XV373	9T83B3143
480 Volts Delta	208Y/120 Volts	75	(+2, -4 2.5%)	12	620	XV374	9T83B3144
480 Volts Delta	208Y/120 Volts	112.5	(+2, -4 2.5%)	12	765	XV375	9T83B3145
480 Volts Delta	208Y/120 Volts	150	(+2, -4 2.5%)	12	1070	XV376	9T83B3146
480 Volts Delta	208Y/120 Volts	225	(+2, -4 2.5%)	12	1590	XV377	9T83B3147
480 Volts Delta	208Y/120 Volts	300	(+2, -4 2.5%)	12	1820	YF378	9T83B3148
480 Volts Delta	208Y/120 Volts	500	(+2, -2 2.5%)	12	3400	YF379	9T83B3149

### 115°C Rise NEMA 2

Input Voltage	Output Voltage	kVA	Taps	Wiring Diagram No. <sup>1</sup>	Approx Net Weight (Lbs)	Frame Size	Product Number
480 Volts Delta	208Y/120 Volts	15	(+2, -4 2.5%)	12	240	XV371	9T83B3141G15
480 Volts Delta	208Y/120 Volts	30	(+2, -4 2.5%)	12	334	XV372	9T83B3142G15
480 Volts Delta	208Y/120 Volts	45	(+2, -4 2.5%)	12	415	XV373	9T83B3143G15
480 Volts Delta	208Y/120 Volts	75	(+2, -4 2.5%)	12	620	XV374	9T83B3144G15
480 Volts Delta	208Y/120 Volts	112.5	(+2, -4 2.5%)	12	1070	XV376	9T83B3145G15
480 Volts Delta	208Y/120 Volts	150	(+2, -4 2.5%)	12	1590	XV377	9T83B3146G15
480 Volts Delta	208Y/120 Volts	225	(+2, -4 2.5%)	12	1820	YF378	9T83B3147G15
480 Volts Delta	208Y/120 Volts	300	(+2, -4 2.5%)	12	Contact GE Sales	Contact GE Sales	Contact GE Sales

### 80°C Rise NEMA 2

Input Voltage	Output Voltage	kVA	Taps	Wiring Diagram No. <sup>1</sup>	Approx Net Weight (Lbs)	Frame Size	Product Number
480 Volts Delta	208Y/120 Volts	15	(+2, -4 2.5%)	12	334	XV372	9T83B3141G80
480 Volts Delta	208Y/120 Volts	30	(+2, -4 2.5%)	12	415	XV373	9T83B3142G80
480 Volts Delta	208Y/120 Volts	45	(+2, -4 2.5%)	12	620	XV374	9T83B3143G80
480 Volts Delta	208Y/120 Volts	75	(+2, -4 2.5%)	12	765	XV375	9T83B3144G80
480 Volts Delta	208Y/120 Volts	112.5	(+2, -4 2.5%)	12	Contact GE Sales	Contact GE Sales	Contact GE Sales
480 Volts Delta	208Y/120 Volts	150	(+2, -4 2.5%)	12	Contact GE Sales	Contact GE Sales	Contact GE Sales
480 Volts Delta	208Y/120 Volts	225	(+2, -4 2.5%)	12	1820	YF378	9T83B3147G80
480 Volts Delta	208Y/120 Volts	75	(+2, -4 2.5%)	12	765	XV375	9T83B3874G90

<sup>1</sup>See page 10-45 for wiring diagrams.

