

## Noise isolation — Guard II

Aluminum coil  
 Three-phase DOE 2016 efficiency  
 Dual electrostatic shield

Guard II noise isolation transformers provide common mode noise attenuation plus an enhanced level of transverse mode noise attenuation for increased protection of sensitive electronic equipment.

### Key Features

- Grounded copper dual electrostatic shield between primary and secondary windings
- Noise suppressors and spike/surge suppressors
- 120dB common mode noise rejection
- 60dB transverse mode noise rejection
- Compliance with ANSI and NEMA standards
- Sound levels below NEMA ST-20 limits
- UL Listed
- NEMA 2 enclosure



Guard II Transformer



Guard II Transformer, (front panel removed)

### 150°C Rise

| Input Voltage   | Output Voltage | kVA   | Taps          | Wiring Diagram No. <sup>1</sup> | Approx. Net Weight (Lbs) | Frame Size | Catalog Number |
|-----------------|----------------|-------|---------------|---------------------------------|--------------------------|------------|----------------|
| 480 Volts Delta | 208Y/120 Volts | 15    | (+2, -4 2.5%) | 12                              | 260                      | XV371      | 9T17A1001G03   |
|                 |                | 30    | (+2, -4 2.5%) | 12                              | 370                      | XV372      | 9T17A1002G03   |
|                 |                | 45    | (+2, -4 2.5%) | 12                              | 460                      | XV373      | 9T17A1003G03   |
|                 |                | 75    | (+2, -4 2.5%) | 12                              | 680                      | XV374      | 9T17A1004G03   |
|                 |                | 112.5 | (+2, -4 2.5%) | 12                              | 830                      | XV375      | 9T17A1005G03   |

### 115°C Rise

| Input Voltage   | Output Voltage | kVA | Taps          | Wiring Diagram No. <sup>1</sup> | Approx. Net Weight (Lbs) | Frame Size | Catalog Number |
|-----------------|----------------|-----|---------------|---------------------------------|--------------------------|------------|----------------|
| 480 Volts Delta | 208Y/120 Volts | 15  | (+2, -4 2.5%) | 12                              | 260                      | XV371      | 9T17A1001G33   |
|                 |                | 30  | (+2, -4 2.5%) | 12                              | 370                      | XV372      | 9T17A1002G33   |
|                 |                | 45  | (+2, -4 2.5%) | 12                              | 460                      | XV373      | 9T17A1003G33   |
|                 |                | 75  | (+2, -4 2.5%) | 12                              | 680                      | XV374      | 9T17A1004G33   |

### 80°C Rise

| Input Voltage   | Output Voltage | kVA | Taps          | Wiring Diagram No. <sup>1</sup> | Approx. Net Weight (Lbs) | Frame Size | Catalog Number |
|-----------------|----------------|-----|---------------|---------------------------------|--------------------------|------------|----------------|
| 480 Volts Delta | 208Y/120 Volts | 15  | (+2, -4 2.5%) | 12                              | 370                      | XV372      | 9T17A1001G63   |
|                 |                | 30  | (+2, -4 2.5%) | 12                              | 460                      | XV373      | 9T17A1002G63   |
|                 |                | 45  | (+2, -4 2.5%) | 12                              | 680                      | XV374      | 9T17A1003G63   |
|                 |                | 75  | (+2, -4 2.5%) | 12                              | 830                      | XV375      | 9T17A1004G63   |

### 150°C Rise

| Input Voltage   | Output Voltage | kVA   | Taps          | Wiring Diagram No. <sup>1</sup> | Approx. Net Weight (Lbs) | Frame Size | Catalog Number |
|-----------------|----------------|-------|---------------|---------------------------------|--------------------------|------------|----------------|
| 208 Volts Delta | 208Y/120 Volts | 15    | (+2, -4 2.5%) | 12                              | 260                      | XV371      | 9T17A1451G03   |
|                 |                | 30    | (+2, -4 2.5%) | 12                              | 370                      | XV372      | 9T17A1452G03   |
|                 |                | 45    | (+2, -4 2.5%) | 12                              | 460                      | XV373      | 9T17A1453G03   |
|                 |                | 75    | (+2, -4 2.5%) | 12                              | 680                      | XV374      | 9T17A1454G03   |
|                 |                | 112.5 | (+2, -4 2.5%) | 12                              | 830                      | XV375      | 9T17A1455G03   |

### 115°C Rise

| Input Voltage   | Output Voltage | kVA | Taps          | Wiring Diagram No. <sup>1</sup> | Approx. Net Weight (Lbs) | Frame Size | Catalog Number |
|-----------------|----------------|-----|---------------|---------------------------------|--------------------------|------------|----------------|
| 208 Volts Delta | 208Y/120 Volts | 15  | (+2, -4 2.5%) | 12                              | 260                      | XV371      | 9T17A1451G33   |
|                 |                | 30  | (+2, -4 2.5%) | 12                              | 370                      | XV372      | 9T17A1452G33   |
|                 |                | 45  | (+2, -4 2.5%) | 12                              | 460                      | XV373      | 9T17A1453G33   |
|                 |                | 75  | (+2, -4 2.5%) | 12                              | 680                      | XV374      | 9T17A1454G33   |

### 80°C Rise

| Input Voltage   | Output Voltage | kVA | Taps          | Wiring Diagram No. <sup>1</sup> | Approx. Net Weight (Lbs) | Frame Size | Catalog Number |
|-----------------|----------------|-----|---------------|---------------------------------|--------------------------|------------|----------------|
| 208 Volts Delta | 208Y/120 Volts | 15  | (+2, -4 2.5%) | 12                              | 370                      | XV372      | 9T17A1451G63   |
|                 |                | 30  | (+2, -4 2.5%) | 12                              | 460                      | XV373      | 9T17A1452G63   |
|                 |                | 45  | (+2, -4 2.5%) | 12                              | 680                      | XV374      | 9T17A1453G63   |
|                 |                | 75  | (+2, -4 2.5%) | 12                              | 830                      | XV375      | 9T17A1454G63   |

<sup>1</sup> See page 10-43 and 10-44 for wiring diagrams.