

# Variable Speed Drive Transformer



All variable speed drive transformers meet the most stringent industrial standards due to their optimal design, superior quality and ease of installation.

## Applications

- ▶ AC and DC Variable Speed Drive
- ▶ Silicon Controlled Rectifier
- ▶ Improved harmonic mitigation with multi-pulse configuration (6P, 18P, 24P, ...)



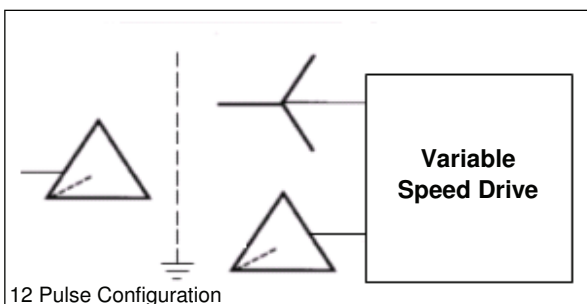
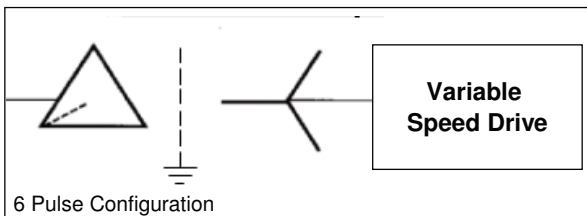
## Features

- ▶ **E.V.I.** Process (Epoxy Vacuum Impregnation)
- ▶ Primary Voltages of 600, 575, 480, 460, 240 or 230V  $\Delta$
- ▶ 6 Pulses Secondary Voltages of 600, 575, 480, 460, 240, 230V Y or  $\Delta$
- ▶ 12 Pulses Secondary Voltages of 600, 575, 480, 460, 240 230V Y and  $\Delta$
- ▶ Copper Windings
- ▶ Insulation Class 220
- ▶ 150°C Temperature Rise
- ▶ High-Quality Grain-Oriented Steel Laminations
- ▶ Type 1 Enclosure
- ▶ Electrostatic Shield
- ▶ Double Neutral

## Options

- ▶ 115°C and 80°C Temperature Rise
- ▶ Thermal Switch with 1 or 2 N.C. Contacts
- ▶ Open Type Core-Coil Construction
- ▶ Specific Phase Shifted Configuration for optimal harmonic mitigation
- ▶ Special Voltage
- ▶ Type 2, 3R and Sprinklerproof Enclosures

## Typical Applications



## Quick Selector

Motor H.P.	Transformer kVA	Motor H.P.	Transformer kVA
5	7.5	75	93
7,5	11	100	118
10	14	125	145
15	20	150	175
20	27	200	220
25	34	250	275
30	40	300	330
40	51	400	440
50	63	500	550
60	75	600	660

## E.V.I. Plus-Value

- ▶ Superior Bonding & Mechanical Strength
- ▶ Core Losses Stability
- ▶ Better Heat Dissipation
- ▶ Reduced Noise

- ▶ Improved Winding Insulation
- ▶ Enhanced Protection in Contaminated Environments
- ▶ Elimination of Air Pockets



Synonymous with Quality