



General Data

Rated Voltage V_R	: 3 X 415V _{L-L}
Rated Current I_R	: 10A to 800A @50Hz
Switching frequency	: 2kHz - 8kHz
Motor frequency	: 0Hz – 50 Hz
Capacitor Bank	: EPCOS / VISHAY (UL Approved)
Overload Capacity.	: 150% for 60S every 30min
Max. Ambient Temp	: 50° C
Insulation Class	: Class F / H
Type of Cooling	: Natural Convection (AN)
THDv @FullLoad.	: <=5.0%

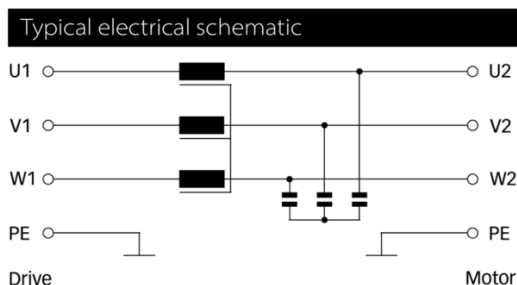
Features and Benefits

Eliminate high dv/dt stress on motor winding
Convert rectangular PWM voltage into smooth sinewave
Extend Motor cable length capability
Reduces the core losses inside motor
Increase motor life
Reduce motor audible noise

Application

- HVAC / Pump Application
- Motor drive with long motor cable
- Motor drive with multiple motors in parallel

Electrical Schematic



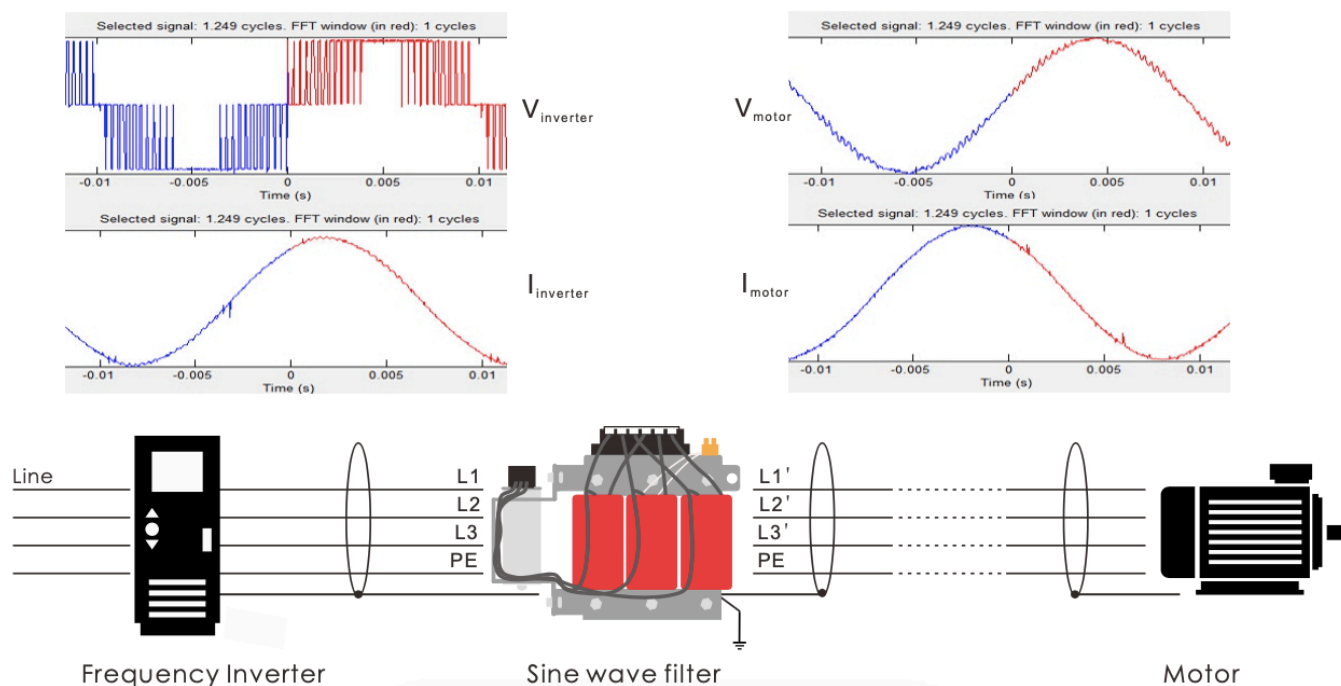
Certifications



2014/35/EU – Low Voltage Directive



Block Diagram



Application

