

YI SERIES (3-Phase 3-Wire Filters)



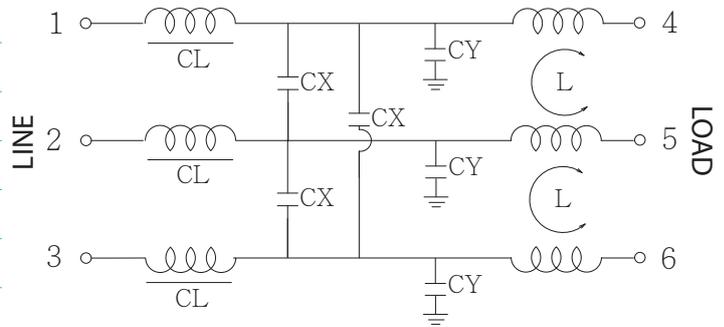
Features

- Good noise attenuation in both forward and reverse directions for common mode and normal mode.
- High reliability designed for industrial equipment usage with 3-phase 3-wire filter.
- The rated current can be offered from 40 to 60 amp in both 250VAC and 500VAC versions.
- M5 Screw Terminals for output is designed for easy installation.
- Applications comprising frequency inverters, motor drives and servo drives, Three-phase applications automation equipment.

Technical Specification

Rated voltage	125/250VAC, 250/500VAC
Rated currents	40 to 60A
Operating frequency	50/60Hz
Hipot rating(Line-to-line)	1450VDC
Hipot rating(Line-to-ground)	2250VDC
Operating temperature	-25~+85°C
Safety compliance	CE

Typical electrical schematic



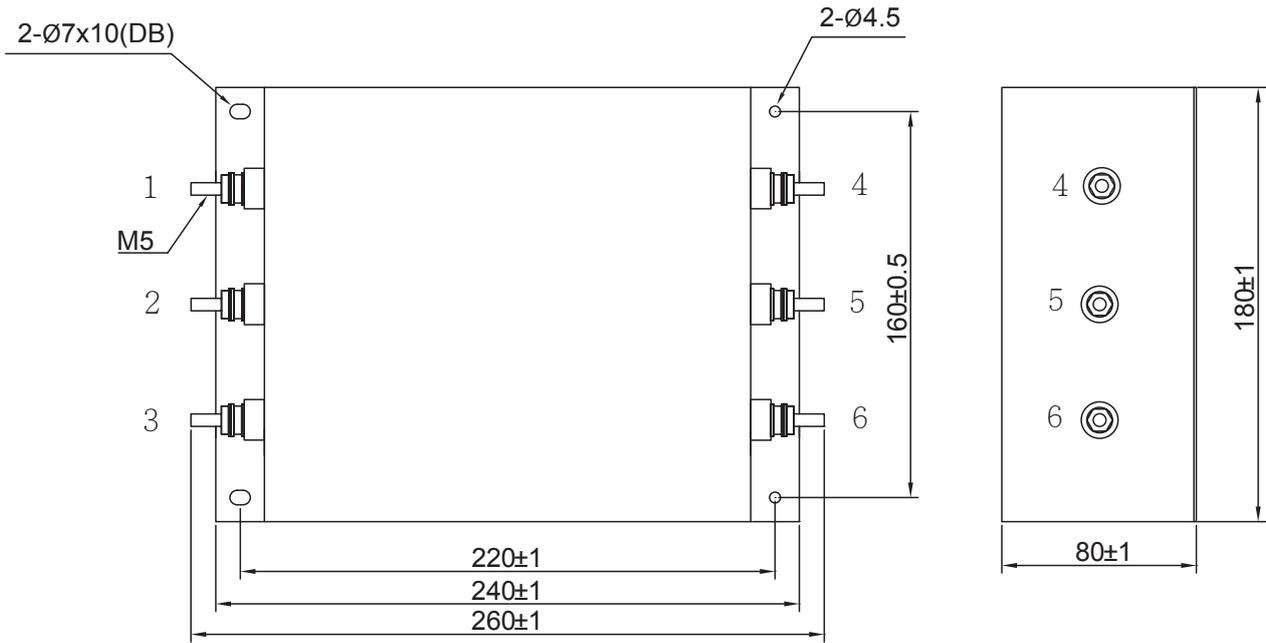
Filter Selection Table

Part No.	Rated Current (A)	Inductance CL(mH)	Inductance L(mH)	Capacitance CX(μF)	Capacitance CY(pF)	Output connections
YI40T7	40					M5 Screw terminals
YI50T7	50					
YI60T7	60					
YI40T7-1	40					
YI50T7-1	50					
YI60T7-1	60					

*blank:125/250VAC;-1:250/500VAC

Physical Dimensions: (mm)

YI-T7



Typical filter attenuation (Common mode — Normal mode —)

