YE SERIES (Single Phase One-Stage Filters)



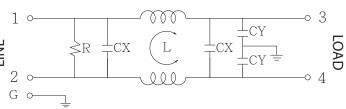
Features

- The YE series is a special designed single phase one-stage filter with both common mode and normal mode performing high noise suppression.
- \cdot The rated current can be offered from 5 to 30 amps.
- \cdot Various output selections such as fast-on terminal, M4 screw terminals and lead wire.
- · Low leakage current version upon requested.
- \cdot Approved by UL ,CSA ,VDE and CE
- · Application for Electrical and electronic equipment, Household equipment, Automation equipment, Fitness machine
- \cdot Custom-specific versions are available on request.

Technical Specification

Rated voltage	125/250VAC	
Rated currents	Up to 30A	
Operating frequency	50/60Hz	
Hipot rating(Line-to-line)	1450VDC	INE
Hipot rating(Line-to-ground)	2250VDC	
Operating temperature	-25~+85°C	
Safety compliance	5A (UL,CSA); 5 to 30A (VDE, CE)	

Typical electrical schematic

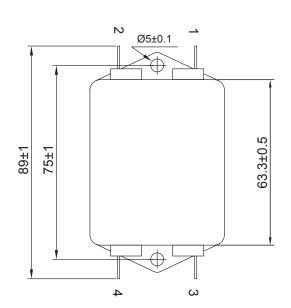


Filter Selection Table

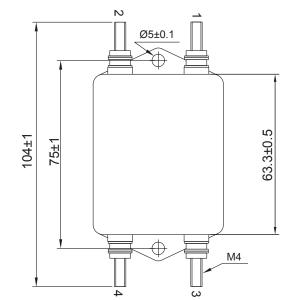
Part NO.	Rated Current (A)	Inductance L(mH)	Capacitance CX(µ F)	Capacitance CY(pF)	Resistance R(ohm)	Output connections	
YE05T1	5	5	0.1	3300	10M	Fast-on terminal (optional lead-wire)	
YE10T1	10	3	0.1	3300	10M		
YE15T1	15	2	0.1	3300	10M		
YE20T1	20	0.9	0.1	3300	10M		
YE30T1	30	0.5	0.1	3300	10M		
YE05T4	5	5	0.1	3300	10M	M4 Screw terminals	
YE10T4	10	3	0.1	3300	10M		
YE15T4	15	2	0.1	3300	10M		
YE20T4	20	0.9	0.1	3300	10M		
YE30T4	30	0.5	0.1	3300	10M		

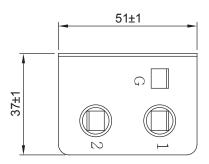
Physical Dimensions: (mm)

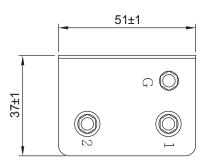




YE-T4







Typical filter attenuation (Common mode — Normal mode —)

