YC, YD-L2 SERIES (Single Phase Two-Stage Filters)



Features

- Two stage filters designed to provide high performance in suppressing both line-to-line and line-toground noise for most digital electronic equipment.
- · The rated current can be offered up to 10 amps.
- · Various output selections such as fast-on terminal, M4 screw terminals
- · Low leakage current version upon requested.
- · Approved by UL, CSA, VDE and CE
- · Custom-specific versions are available on request
- Application for Electrical and electronic equipment, Household equipment, Automation equipment, Fitness machine, Various noisy applications requiring high filter performance

Technical Specification

Rated voltage	125/250VAC		
Rated currents	1 to 10A		
Operating frequency	50/60Hz	INE	
Hipot rating(Line-to-line)	1450VDC		
Hipot rating(Line-to-ground)	2250VDC		
Operating temperature	-25~+85°C		
Safety compliance	YC series (UL,CSA,CE); YD series (UL,CSA,VDE,CE)		

*UL, CSA except YC (10A), YD (10A)

Filter Selection Table

Part No.	Rated Current (A)	Inductance L(mH)	Capacitance CX(µ F)	Capacitance CY(pF)	Resistance R(ohm)	Output connections
YC01T1L2	1	3.7	0.1	3300	10M	Fast-on terminal
YC03T1L2	3	1.8	0.1	3300	10M	
YC06T1L2	6	0.7	0.1	3300	10M	
YC10T1L2	10	0.3	0.1	3300	10M	
YD01T4L2	1	3.7	0.1	3300	10M	M4 Screw terminals
YD03T4L2	3	1.8	0.1	3300	10M	
YD06T4L2	6	0.7	0.1	3300	10M	
YD10T4L2	10	0.3	0.1	3300	10M	

Typical electrical schematic



Physical Dimensions: (mm)













