

: M7 , : M8 SERIES (Single Phase One-Stage Filters)



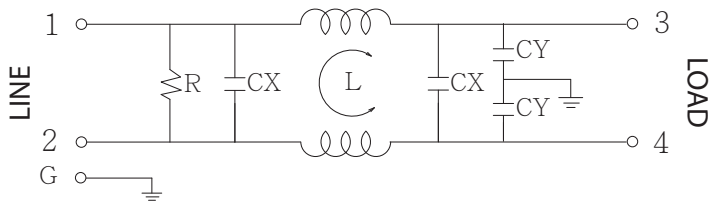
Features

- The FYC and FYD series are general purpose single phase one-stage filter.
- The rated current can be offered up to 20 amps.
- Various output selections such as fast-on terminal, M4 screw terminals and lead wire.
- 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, Medical equipment

Technical Specification

Rated voltage	125/250VAC
Rated currents	Up to 20A
Operating frequency	50/60Hz
Hipot rating(Line-to-line)	1450VDC
Hipot rating(Line-to-ground)	2250VDC
Operating temperature	-25~+85°C
Safety compliance	FYC series (UL,CSA,CE) ; FYD series (UL,CSA,VDE,CE)

Typical electrical schematic

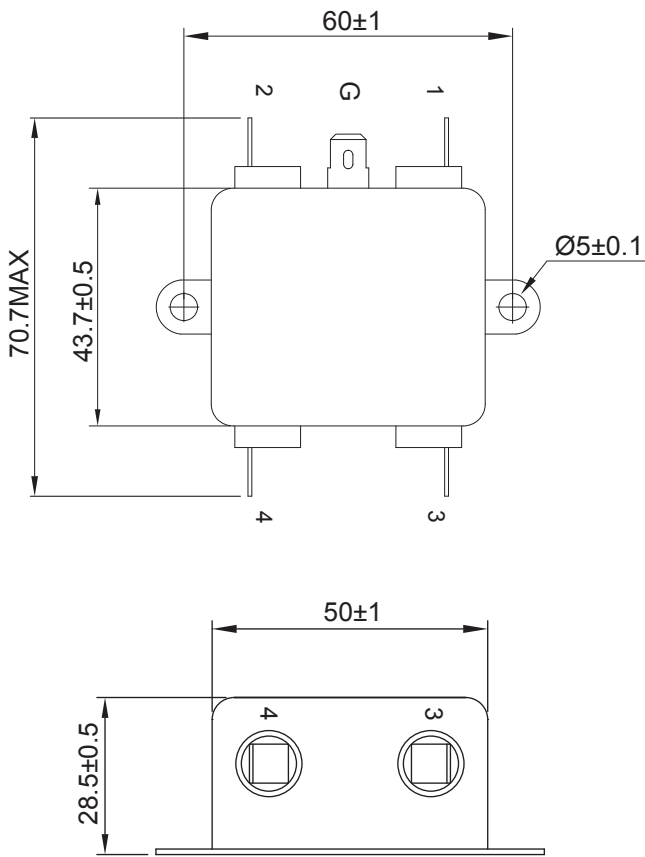


Filter Selection Table

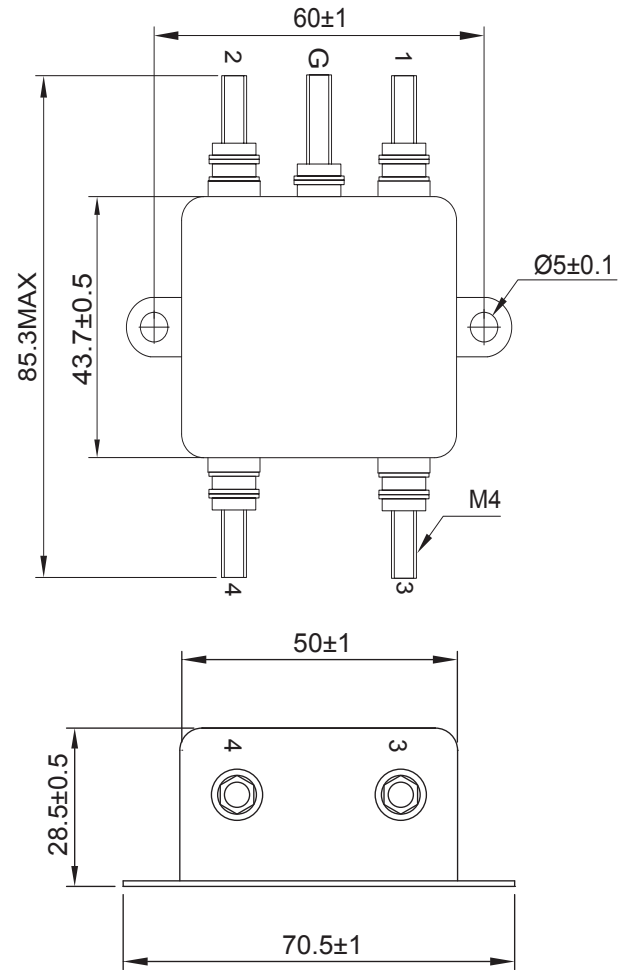
Part No.	Rated Current (A)	Inductance L(mH)	Capacitance CX(μF)	Capacitance CY(pF)	Resistance R(ohm)	Output connections
FYC05T1	5					Fast-on terminal
FYC10T1	10					
FYC15T1	15					
FYC20T1	20					
FYD05T4	5					M4 Screw terminals
FYD10T4	10					
FYD15T4	15					
FYD20T4	20					

Physical Dimensions: (mm)

FYC-T1

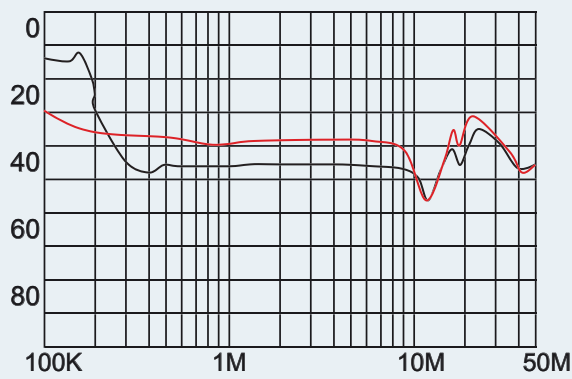


FYD-T4

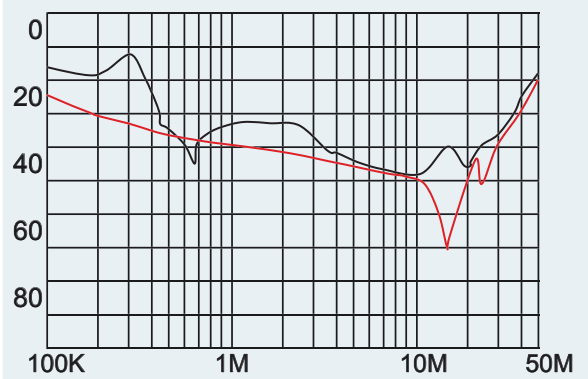


Typical filter attenuation (Common mode — Normal mode —)

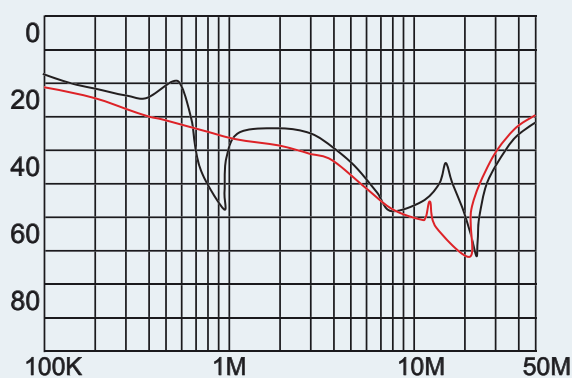
FYC, FYD-05



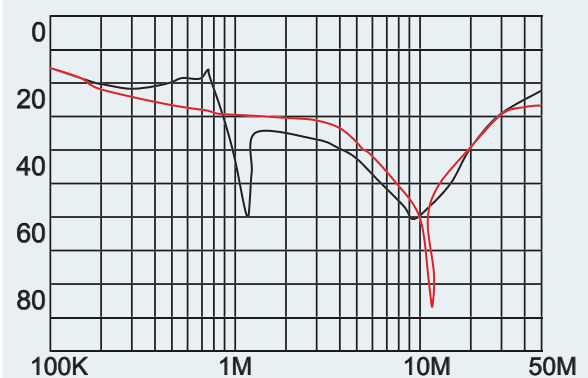
FYC, FYD-10



FYC, FYD-15



FYC, FYD-20



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [QLT Power](#) manufacturer:

Other Similar products are found below :

[CR43NP-680KC](#) [CR54NP-470LC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#) [CTX32CT-100](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHL1ECTTP18NJ](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53602NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-2R2TR](#) [HC2LP-R47-R](#) [HC3-2R2-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCH8011NP-221L](#) [RCP1317NP-332L](#) [RCP1317NP-391L](#) [RCR1010NP-470M](#) [RCR110DNP-331L](#) [DH2280-4R7M](#) [DS1608C-106](#) [ASPI-4020HI-R10M-T](#) [B10TJ](#) [B82477P4333M](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#) [1812LS-824XJ](#)