

3-phase filters YX-81Series



- Rated currents from 10 to 100A
- 3 phase filter with standard attenuation
- Voltage rating 440 and 520VAC for world wide acceptance



Approvals:



Technical Data

Rated voltage:	300/520VAC,50/60Hz
Operating frequency:	50/60Hz
Rated currents:	1~100A@50°C
Hipot Rating :	L-N 2250VDC L/N-G 2750VDC
Overload Current:	1.5x rated current for 1 minute, once per hour
Climatic category:	-25°C~+100°C(25/100/21)
Design corresponding to:	UL939, CSA C22.2 No.8, IEC/EN 60939, CQC GB 15288/GB 15287-2008
Flammability corresponding to:	UL 94V-0

Electrical schematic :

Standard type

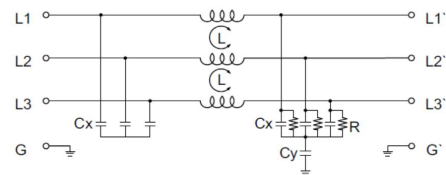


Fig.1

Features

Protection against interference of voltage.

YX81 filters provide a broadband common and differential-mode attenuation performance, it still can be available when the interference is larger.

Customized products according to customer's requirements

Typical Applications

For photovoltaic systems and industrial applications

Three-phase motor drives


UPS/SMPS

Industrial automation equipment

Rule of Nomination

YX	81	G1	-	10A	-	T	N01
	⋮	⋮	⋮	⋮	⋮	⋮	
	Electrical Schematic	Dimensions		Current		Output	

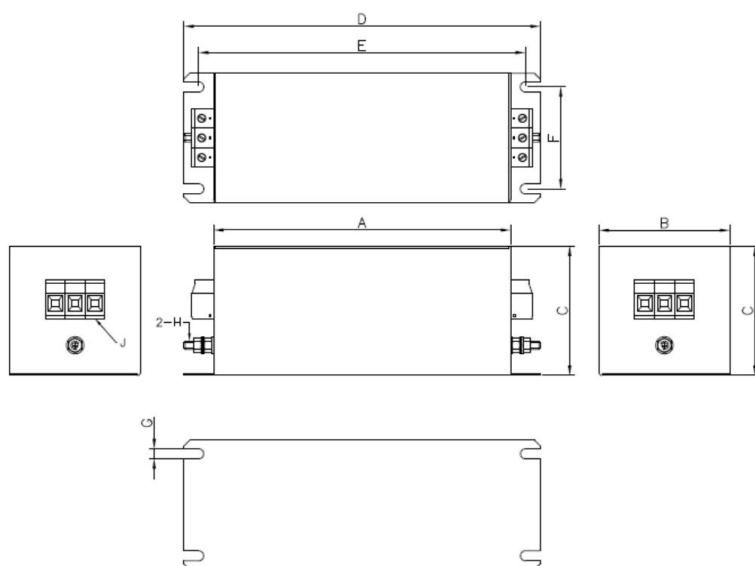
Typical Product Tabulates

Model No.	Rated Current @40°C	Terminal Options*	Leakage current 520V/50Hz漏电流	Electrical Schematic	Rated Voltage (V)	Operating Frequency (Hz)
						
YX81G2-10A-T N01	10A	T	<3.5mA	Fig.1	300/520V	50/60Hz
YX81G2-20A-T N01	20A	T				
YX81G2-35A-T N01	35A	T				
YX81G5-50A-T N01	50A	T	<4.5mA			
YX81G5-65A-T N01	65A	T	<5.0mA			
YX81G4-80A-T N01	80A	T				
YX81G4-100A-T N01	100A	T				



T: Terminal block

Mechanical Dimension (Unit: mm)



Case	A	B	C	D	E	F	G	H	J*
G2	115	50	65	145	130.2	36	5.2	M4	8.0/0.2~4.0 ²
G5	150	66	66	180	165.2	52	5.2	M4	8.0/0.2~4.0 ²
G4	200	76	82	230	217.2	57	7.2	M4	9.0/0.2~6.0 ²
Tolerances	±1	±1	±1	±0.15	±1	±0.5	±0.5	±0.15	

* wire stripping(mm) and wire section(mm²)

Insertion loss table(In 50ohm system according IEC/CISPR No.17)



———— (common mode) - - - - - (differential mode)

