

■ Features

- (1) European standard terminals for CE marking (machinery directive).
- (2) High saturated magnetic flux by PFHC choke coil.
- (3) Attenuation effect against high voltage pulse noise and fast transient burst.

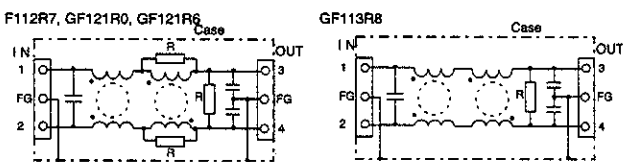
■ Safety standard

- UL1283
- CSA Std. C22.2 No. 8
- VDE0565 Teil. 3
- GF121R0, GF121R6

■ Specifications

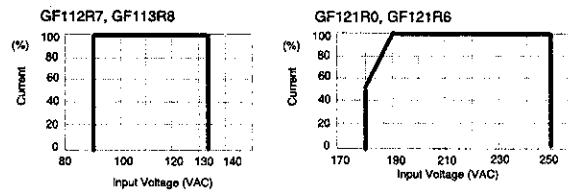
Item	Model	GF112R7	GF113R8	GF121R0	GF121R6
1	Input voltage range (AC)	90 ~ 132V (50/60Hz)		180 ~ 250V (50/60Hz)	
2	Minimum output voltage (AC)	85V		170V	
3	Max. voltage drop (AC)	5V		20V	
4	Rated current (AC) rms (Note)	2.7A	3.8A	1.0A	1.6A
5	Max. output power	160W	270W	160W	270W
6	Test voltage (terminal to case, AC 1 minute)	2500V (25°C, 70% RH)			
7	Isolation resistance (terminal to case, 500VDC)	100MΩ min. (25°C, 70% RH)			
8	Leakage current	132V, 60Hz	0.27mA max.		-
		250V, 60Hz	-		0.50mA max.
9	DC resistance (Both lines)	0.7Ω max.	0.5Ω max.	5.0Ω max.	4.7Ω max.
10	Operating temperature	-25 ~ +85°C			
11	Operating humidity	30% ~ 90% RH (No dewdrop)			
12	Storage temperature	-40 ~ +85°C			
13	Storage humidity	10% ~ 95% RH (No dewdrop)			
14	Vibration	Sweep: 10 ~ 55 ~ 10Hz (for 1 minute), Amplitude: 1.5mm X, Y and Z axes for 2 hours (Non Operational)			
15	Safety standard	Approved by UL and CUL safety standards.		Approved by UL, CUL and VDE safety standards.	
16	Weight	(Typ)		750g	

■ Circuit

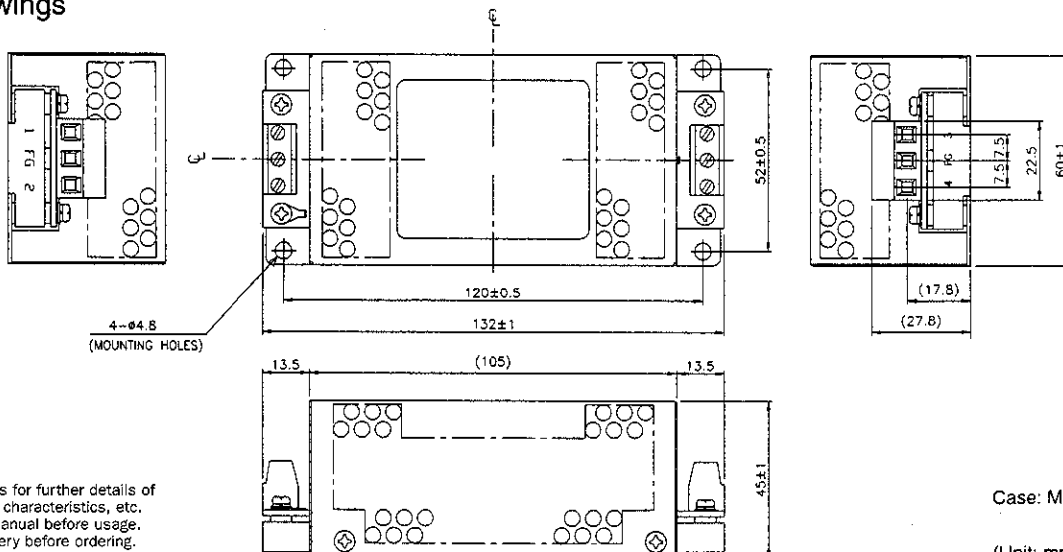


■ Derating

(Note) : Refer to the derating curve shown below.



■ Outline drawings



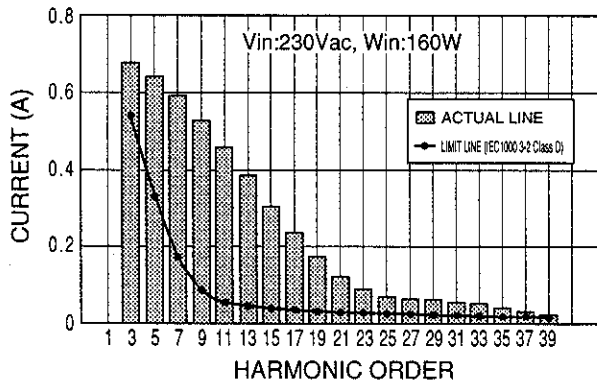
- Contact Technical Sales for further details of specifications, outline, characteristics, etc. Read the instruction manual before usage.
- Contact us about delivery before ordering.

Case: Metal

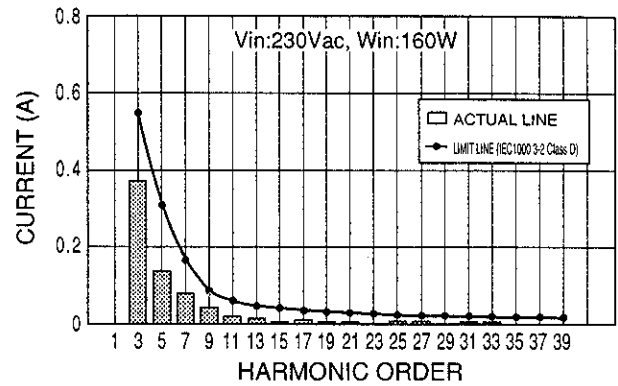
(Unit: mm)

■ Characteristic of Harmonic Corrector

Before countermeasure

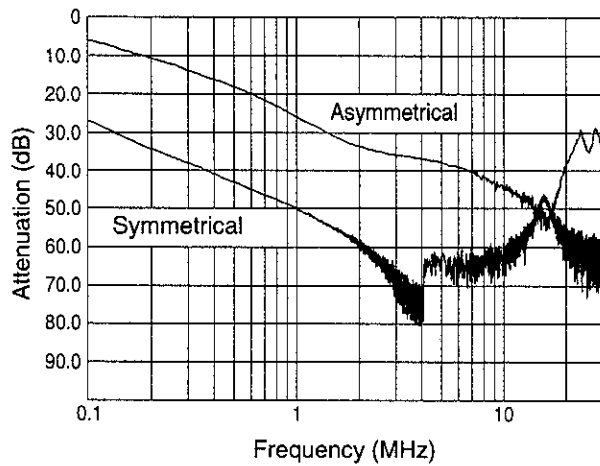


After countermeasure (GF121R0)

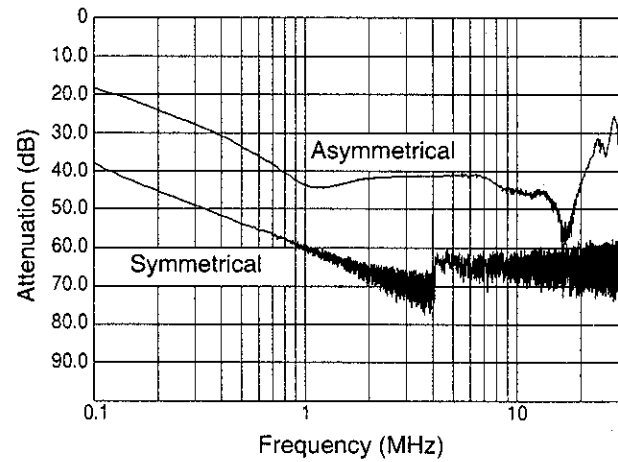


■ Typical Insertion Loss

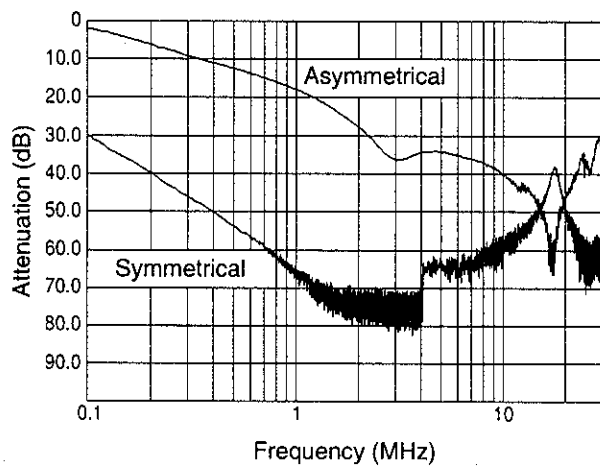
GF112R7



GF121R0



GF113R8



GF121R6

