

HFP Series

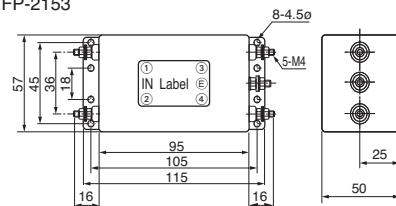
[RoHS Compliant]



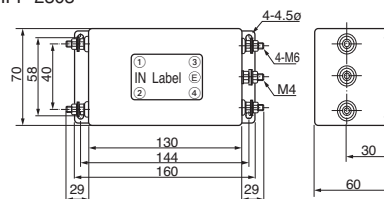
Model	Rated voltage AC/DC (V)	Rated current AC/DC (A)	Withstanding voltage 1 min., line to ground (V)	Insulation resistance 500VDC 1 min., line to ground (MΩ) min.	Leakage current (mA) max.	Self-temperature rise (K) max.	Operating temperature range (°C)	Certified standard	Weight (kg)
HFP-2153	250	15	AC1500	10	1.5 (250V, 60Hz)	30	-20 to +55	UL, CSA, TÜV	0.64
HFP-2303	250	30	AC1500	10	1.5 (250V, 60Hz)	30	-20 to +55	UL, CSA, TÜV	1.3
HFP-2303A1	250	30	AC1500	10	1.5 (250V, 60Hz)	30	-20 to +55	UL, CSA, TÜV	3.9
HFP-4153A	420	15	DC2600	10	3.5 (420V, 60Hz)	30	-20 to +55	UL, CSA, TÜV	6.5
HFP-4503A	420	50	DC2600	10	3.5 (420V, 60Hz)	35	-20 to +55	UL, CSA, TÜV	14.0

Shape and Dimensions

●HFP-2153

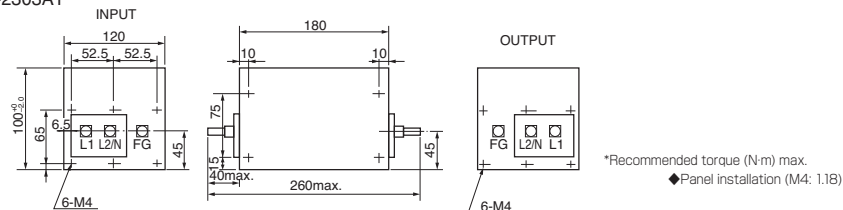


●HFP-2303



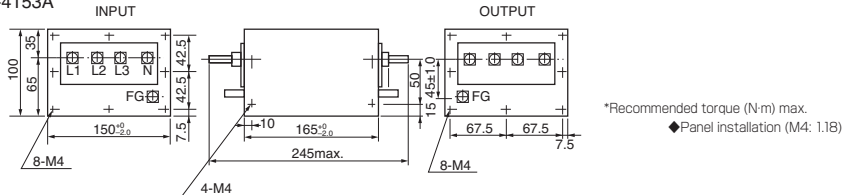
*Recommended torque (N·m) max. ◆Line terminal (M4: 0.78, M6: 1.18) ◆Earth terminal (M4: 1.18)

●HFP-2303A1



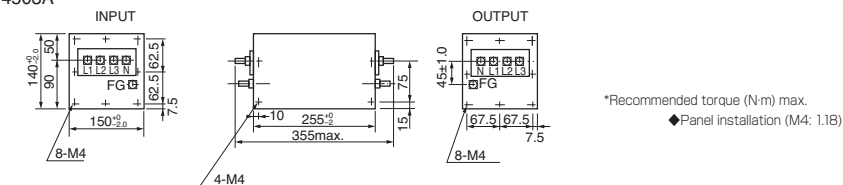
*Recommended torque (N·m) max. ◆Panel installation (M4: 1.18)

●HFP-4153A



*Recommended torque (N·m) max. ◆Panel installation (M4: 1.18)

●HFP-4503A



*Recommended torque (N·m) max. ◆Panel installation (M4: 1.18)

[mm]

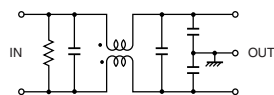
Noise Filters VOL.11



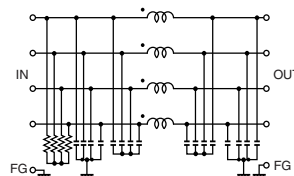
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- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

Circuit Diagram

●HFP-2153, 2303, 2303A1

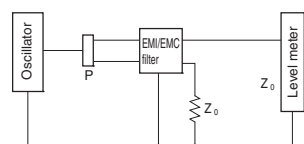


●HFP-4153A, 4503A

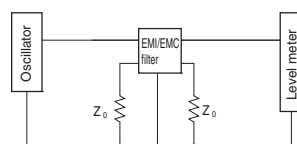


Measuring Circuit

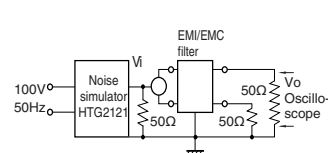
●Common mode

P : Power divider $Z_0: 50\Omega$

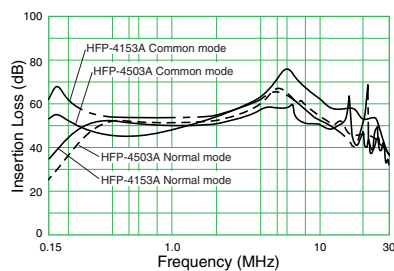
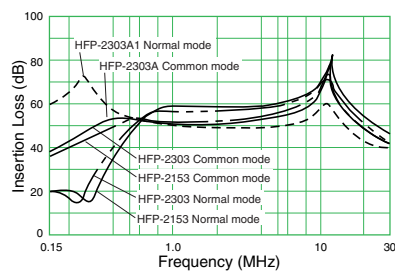
●Normal mode

 $Z_0: 50\Omega$

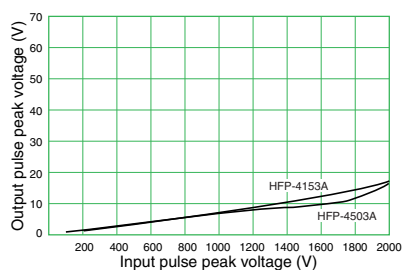
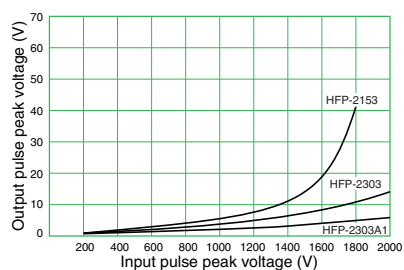
●Pulse characteristic measuring circuit



Attenuation (Static Characteristics)



Pulse Attenuation Example



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