



SUP-PH-EPR SERIES

NOISE FILTERS



Features

- Low range high attenuation effects by super high μ material (20~30dB at 10,000Hz). Excellent pulse absorption (more than 25dB attenuation with 1,500V pulse).
- Three terminal styles (Faston®, solder and screw).
- Bleeder resistor for electric shock protection.

Applications

- Information processing devices (for Europe), Office appliances and Various control systems.
- SUP-PH-EPR-0 Series (Faston® terminal)
- SUP-PH-EPR-2 Series (Solder terminal)
- SUP-PH-EPR-4 Series (Screw terminal)



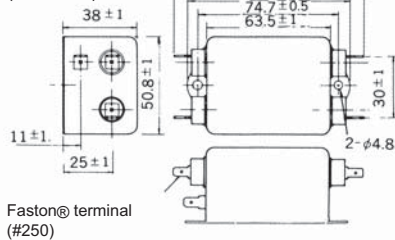
Safety Standard	File No.
UL :UL1283	E78644
CSA :C22.2, No.8-M1986	LR60681
SEMKO :EN60939	SE/0142-21

The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.

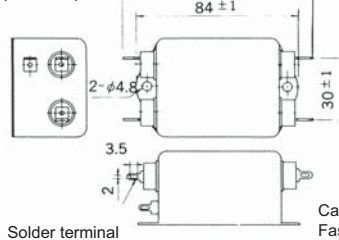


Dimensions

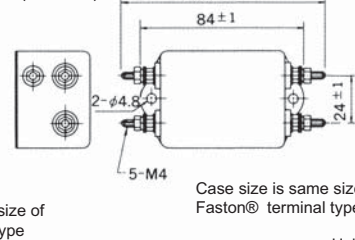
Faston® terminal
(5A ~ 20A)



Solder terminal
(5 ~ 20A)



Screw terminal
(5 ~ 30A)

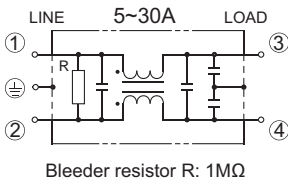


Case size is same size of Faston® terminal type

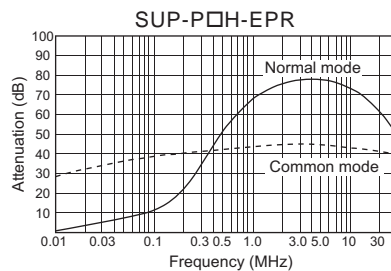
Case size is same size of Faston® terminal type

Unit: mm

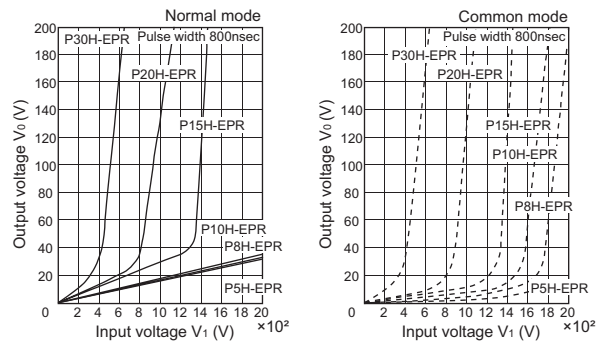
Circuit



Static characteristics



TVSS characteristics



Electrical Specifications

Rated Voltage **250Vac**

Safety Standard	Model Number	Rated Current (A)	Test Voltage	Insulation Resistance	Leakage Current max.	Voltage Drop max.	Temperature Rise max.	Operating Temperature (°C)	Insertion losses		Weight typ.(g)
									Normal Mode (MHz)	Common Mode (MHz)	
	SUP-P5H-EPR ^(-0/-2/-4)	5	Line to Line 1,000Vac 50/60Hz 60sec	Line to Case 6,000M Ω min (at 500Vdc)	0.6mA (at 250Vac 60Hz)	1.0Vac	35K	-25~ +50 (85°C with Temp. rise)	0.5 ~ 30	0.2 ~ 30	275
	SUP-P8H-EPR ^(-0/-2/-4)	8							0.6 ~ 30	0.3 ~ 30	
	SUP-P10H-EPR ^(-0/-2/-4)	10							0.7 ~ 30	0.4 ~ 20	
	SUP-P15H-EPR ^(-0/-2/-4)	15							0.9 ~ 30	0.7 ~ 30	
	SUP-P20H-EPR ^(-0/-2/-4)	20							1.5 ~ 30	3.0 ~ 30	
	*SUP-P30H-EPR-4	30	3.0 ~ 30	5.0 ~ 30							

Guaranteed attenuation is more than 40dB in normal mode and more than 35dB in common mode.

*only screw terminal type