

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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RoHS

SUP-PH-E1PR / -R SERIES

NOISE FILTERS

OKAYA

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).
- Two types of leakage current
  -less than 70μA
  -less than 10μA (applies to medical equipment)
- Thee terminal styles (Faston®, solder and screw).
- Bleeder resistor for electric shock protection.

Applications

- Information processing devices (for Europe), Medical equipments, Office appliances and Various control systems.

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

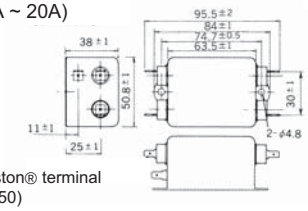
The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.

- SUP-P□H-E1PR-0 Series (Faston® terminal)
- SUP-P□H-E1PR-2 Series (Solder terminal)
- SUP-P□H-E1PR-4 Series (Screw terminal)



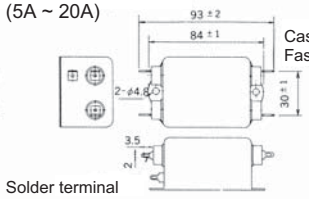
- *Dimensions*

Faston® terminal (5A ~ 20A)



Faston® terminal (#250)

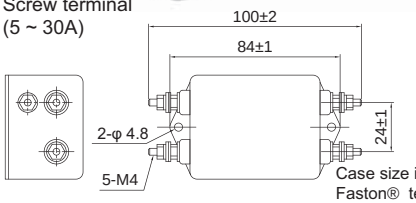
Solder terminal (5A ~ 20A)



Solder terminal

Case size is the same as Faston® terminal type

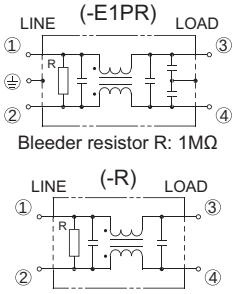
Screw terminal (5 ~ 30A)



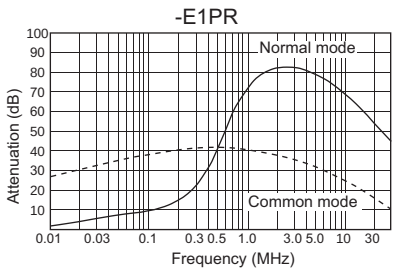
Case size is the same as Faston® terminal type

Unit: mm

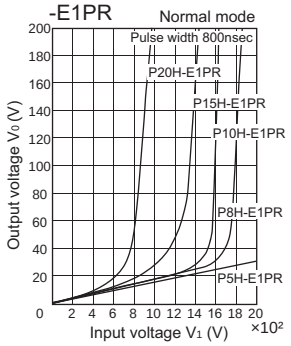
- *Circuit*

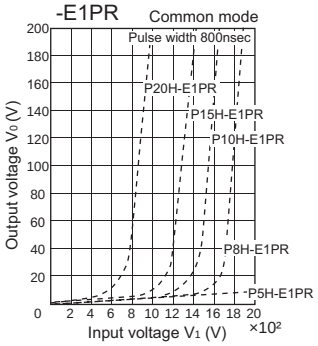


- *Static characteristics (Representative example)*



- *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-E1PR(-0/-2/-4)	5	Line to Line 1,000Vac 50/60Hz 60sec Line to Case 2,000Vac 50/60Hz 60sec	Line to Case 6,000MΩmin (at 500Vdc)	70μA (at 250Vac 60Hz)	1.0Vac	35K	-25~ +50 (85°C with Temp. rise)	0.5 ~ 20	0.05 ~ 20	275
	SUP-P8H-E1PR(-0/-2/-4)	8							0.6 ~ 30	0.09 ~ 30	
	SUP-P10H-E1PR(-0/-2/-4)	10							0.7 ~ 30	0.1 ~ 30	
	SUP-P15H-E1PR(-0/-2/-4)	15							1.0 ~ 30		
	SUP-P20H-E1PR(-0/-2/-4)	20							1.5 ~ 30	3.0 ~ 30	
	*SUP-P30H-E1PR-4	30							3.0 ~ 30	4.0 ~ 30	
	SUP-P5H-R(-0/-2/-4)	5			10μA (at 250Vac 60Hz)				0.5 ~ 20	-	
	SUP-P8H-R(-0/-2/-4)	8							0.6 ~ 30	-	
	SUP-P10H-R(-0/-2/-4)	10							0.7 ~ 30	-	
	SUP-P15H-R(-0/-2/-4)	15							1.0 ~ 30	-	
	SUP-P20H-R(-0/-2/-4)	20							1.5 ~ 30	-	
	*SUP-P30H-R-4	30							3.0 ~ 30	-	

Guaranteed attenuation is more than 40dB in normal mode and more than 35dB in common mode for SUP-PH-E1PR series. (more than 25dB at 15A and more than 20dB at 20A, 30A)

*only screw terminal type

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