

# IEC & Wallplug Single Phase Filters

P-1240-003 (IEC connector), P-1240-001/2 (Wallplug), P-1240-033 (Low Cost Wallplug)



P-1240-002



P-1240-003



P-1240-033

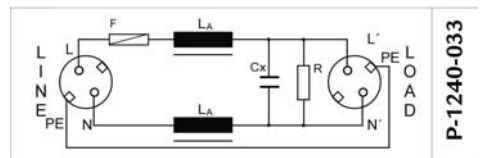
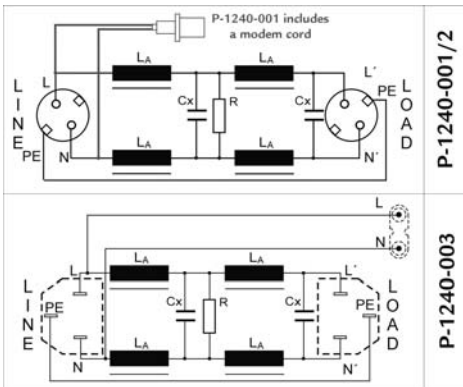
## Features

- Removes the interference and noise from noise sources that may reduce PLC networks performance.
- Small size and low cost versions available.

## Electrical parameters

	P-1240-001	P-1240-002	P-1240-003	P-1240-033
Rated voltage	250 V			
Rated frequency	50-60 Hz			
Rated current (at rated temp.)	10 A @ 40°C		7 A @ 40°C	
Climatic category (DIN 40040)	HMF			
Test voltage Line i – Line j	1700 Vdc			
Test voltage Line/Neutral-PE	1800 Vac			
La	7.4 H			
Cx	100nF		1uF	
R	470K			
Cable length	1,5 m	N/A	1,2 m	N/A

## Electrical diagram

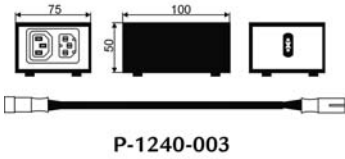


# IEC & Wallplug Single Phase Filters

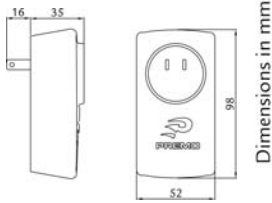
P-1240-003 (IEC connector), P-1240-001/2 (Wallplug), P-1240-033 (Low Cost Wallplug)

## Electrical diagram

Power Line Communications

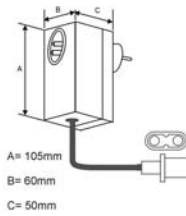


P-1240-003



P-1240-033

Dimensions in mm



P-1240-00  
includes  
CONNECTOR  
IEC60320 C7

P-1240-001/2

SPAIN



UNITED  
KINGDOM



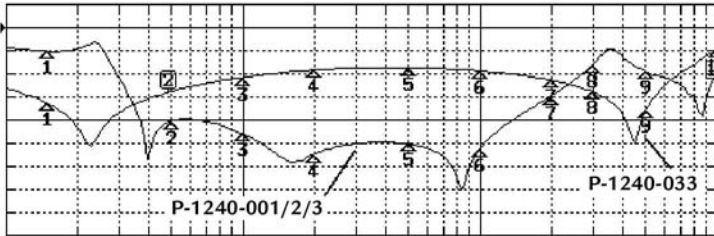
U.S.A.



P-1240-001	P-1240-001	P-1240-019	P-1240-018
P-1240-002	P-1240-002	P-1240-009	P-1240-011
P-1240-033	PENDING	PENDING	PENDING

Also available in these standardized plugs

## Insertion Losses



Freq. (MHz)	Insertion losses (dB)	
	P-1240-001/2/3	P-1240-033
1 0.15	-10.319	-32.752
2 0.5	-40.209	-27.888
3 1	-45.888	-21.461
4 2	-54.628	-18.282
5 5	-50.300	-17.382
6 10	-52.745	-18.679
7 20	-29.419	-22.810
8 30	-15.819	-27.842
9 50	-19.000	-35.816
10 100	-23.790	-9.390