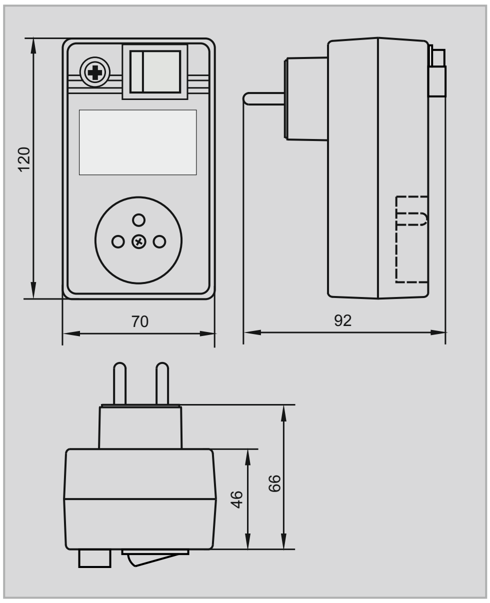
Noise Filters FIL825-4 & FIL85-4
with overvoltage suppression component

Features
- Excellent attenuation for high voltage impulse.
- Two stage for excellent filtering characteristics.
- Bidirectional structure effective for noise generated both externally and internally.

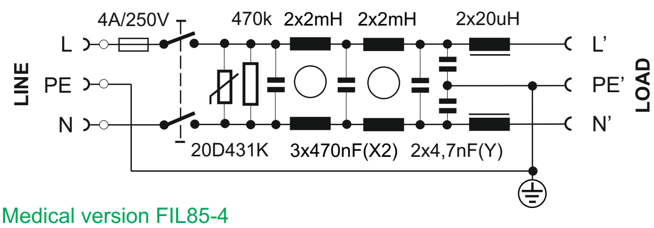
Typical applications
- Electrical and electronic equipment, • Consumer goods,
- Household equipment, • Building automation, • Machinery,
- Industrial applications, • Electronic data processing equipment,
- Medical equpment, • Office automation and datacom equipment,
- Various noisy application requiering good filter performance.

Technical specifications

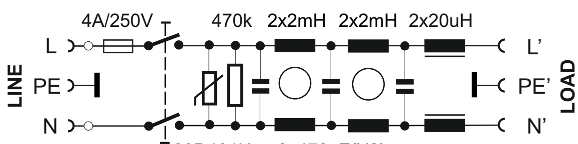
• Nominal voltage:	250V, 50/60 Hz
• Rated current :	4A@40°C max
• Operating frequency:	dc to 400 Hz
• Leakage current:	< 0,5 mA
• Energy absorption:	190 J
• Max. impulse current:	6500A (8/20us)
• Delay time:	< 25 ns
• Temperature range: (operation and storage)	-25°C to +85°C (25/085/21)
• MTBF@40°C/230v:	420 000 hours
• High potential test voltage:	L→N 1100 VDC for 2 sec L→PE 2000 VAC for 2 sec
• Suppression:	> 60 dB 0,15 to 30 MHz range
• Material: Housing	Thermoplastic - black, U 94V-0
• Design corresponding to IEC/EN 60939	



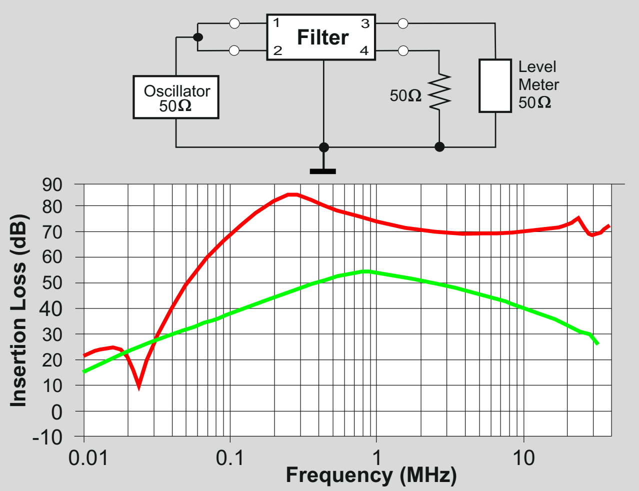
Electrical Schematic
Standard version FIL825-4



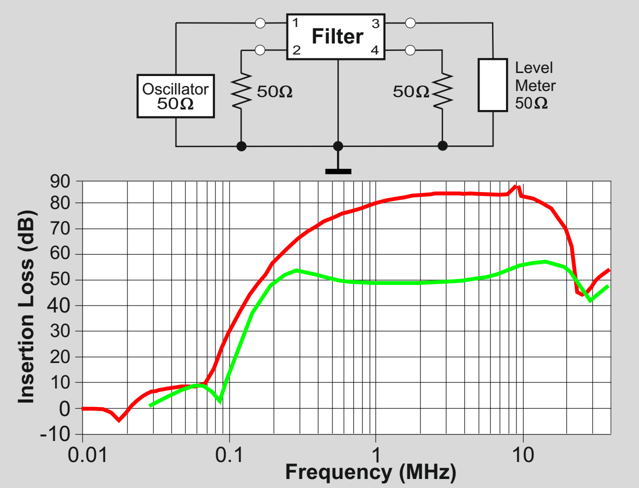
Medical version FIL85-4



Asymmetrical measurement



Symmetrical mesurement



FILTERCON
26-600 Radom, ul. Paryska 21
e-mail: filtercon@filtercon.com.pl, http://www.filtercon.pl
tel.+4848 3609149, +48 602 309211