

Features

- General conducted attenuation performance
- Compact design, lower cost
- With IEC320 AC socket
- Current rating 1A~15A
- Practical solution for medical devices

Marketing Applications

- Medical power supply
- Remote health monitoring system
- UPS
- Anaesthesia machine
- Treatment ventilator

Numbering System

1 SS1 2 - 3 4 5 - 6 (S)

1 Rated current

01,03,06,10,15

2 Electrical schematic

A: medical compliance

3 Components value (refer Filter selection table)

Blank: Cx=0.1uF

4 Grounded choke (optional)

G: Lg= 100uH

5 Bleeder resistor (optional)

R: R= 1M ohm; 1/4W min.

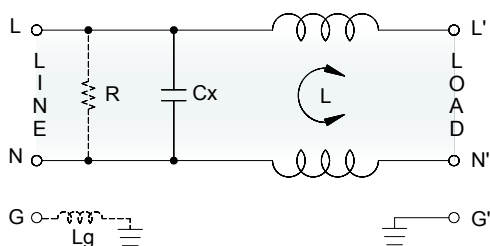
6 Output connections (refer Output terminal)

Q: fast-on tab (6.3mm)

W: with wired (100mm)

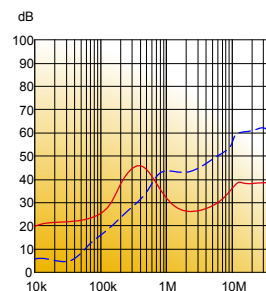
Electrical Schematic •

• A: medical compliance

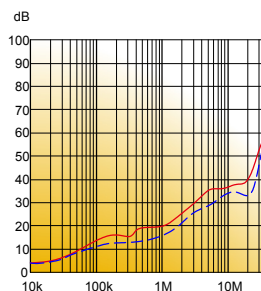


Filter Attenuation Insertion loss (dB) in 50 ohm system CISPR 17 (for reference only)

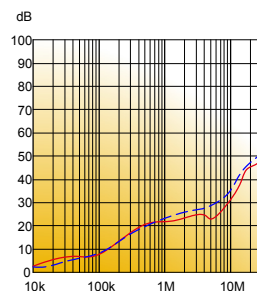
■ 1A~3A



■ 6A~10A



■ 15A



Common mode / Asymmetric (L-G) ————
Differential mode / Symmetric (L-L) - - - - -

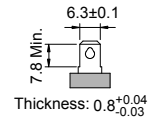
Filter Selection Table •

Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [μA]	Inductance @10KHz, 0.25V [mH]	Capacitance Cx [μF]	Cy [nF]	Output terminal
A: medical compliance						
01SS1A-..	1	5	6.5	0.1	-	-Q -W
03SS1A-..	3	5	2.5	0.1	-	-Q -W
06SS1A-..	6	5	0.8	0.1	-	-Q -W
10SS1A-..	10	5	0.2	0.1	-	-Q -W
15SS1A-..	15	5	0.2	0.1	-	-Q -W

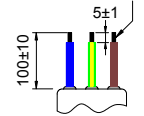
Output Terminal

(unit: mm)

- Q: fast-on tab based on UL310 standard



- W: with wired stripped and tinned



Mechanical Drawing (unit: mm) •

- screw mount

