

Features

- Ultra-high attenuation performance
- Multiple stage power line filter
- Current rating 3A~20A
- Various components value
- Ideal for industrial equipment

Marketing Applications

- POS
- Medical aesthetic equipment
- High power office equipment
- Measuring instruments
- Electronic data processing system

Numbering System

1 S4 - 2 3 4 - 5

1 Rated current

03,06,10,15,20

2 Electrical schematic

3A,3B

3 Components value

(refer Filter selection table)

4 Type of case

(refer Mechanical drawing)

C9

5 Output connections

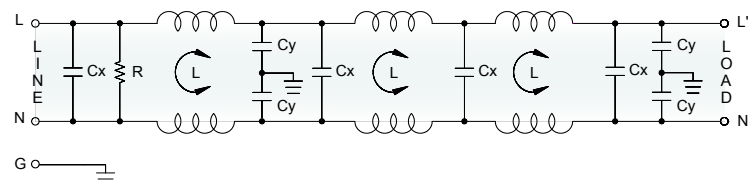
(refer Output terminal)

Q: fast-on tab (6.3mm)

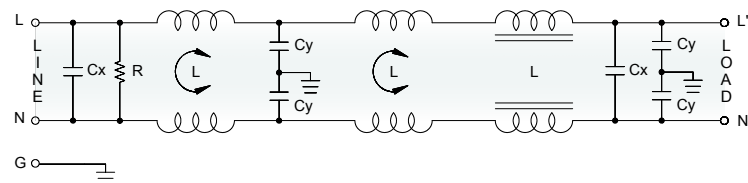
S: screw (M4)

Electrical Schematic

● 3A



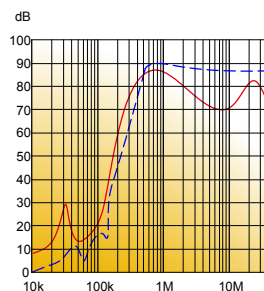
● 3B



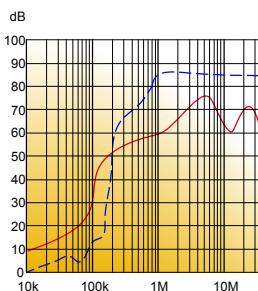
Filter Attenuation

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

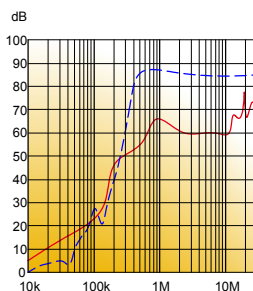
■ 3A



■ 6A~10A



■ 15A~20A



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

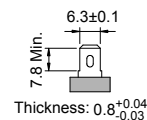
Filter Selection Table

Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [μA]	Inductance @10KHz,0.25V Σ[mH] Σ[μH]		Capacitance Cx Cy Σ[μF] Σ[nF]		Resistor R [Ω]	Output terminal 
3A:								
03S4-3A1054729.0474C9	3	2000	27	-	4	18.8	470K	-Q -S
06S4-3A1054727.0474C9	6	2000	21	-	4	18.8	470K	-Q -S
10S4-3A1054725.0474C9	10	2000	15	-	4	18.8	470K	-Q -S
15S4-3A1054723.0474C9	15	2000	9	-	4	18.8	470K	-Q -S
20S4-3A1054722.0474C9	20	2000	6	-	6	18.8	470K	-Q -S
3B:								
03S4-3B2254729.0334C9	3	2000	18	300	4.4	18.8	330K	-Q -S
06S4-3B2254727.0334C9	6	2000	14	200	4.4	18.8	330K	-Q -S
10S4-3B2254725.0334C9	10	2000	10	100	4.4	18.8	330K	-Q -S
15S4-3B2254723.0334C9	15	2000	6	60	4.4	18.8	330K	-Q -S
20S4-3B2254722.0334C9	20	2000	4	30	4.4	18.8	330K	-Q -S

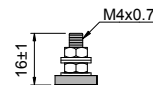
Output Terminal

(unit: mm)

- **Q:** fast-on tab
based on UL310 standard

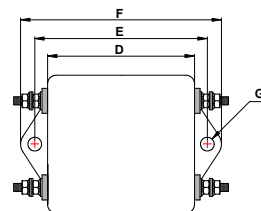
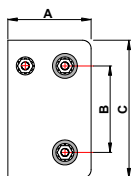


- **S:** screw
based on ISO4032 standard



Mechanical Drawing (unit: mm)

- C9 type



Case	C9
A	50
B	23
C	52
D	90
E	101
F	112
G	2-Ø5x7.5