

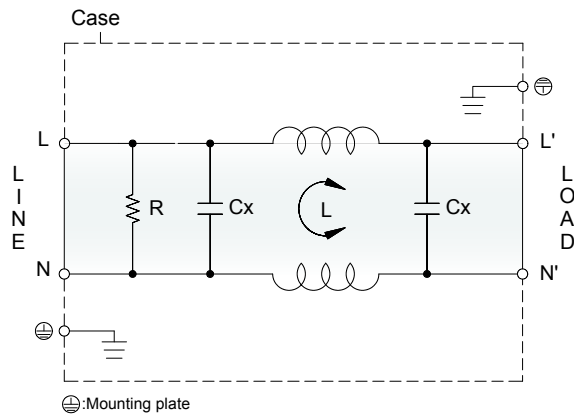
### Features

- Superior attenuation of common-mode noise
- Light weight plastic housing design
- Current rating 1A~30A
- Integrated nut is in hinged cover for reliable ring lug wiring
- Single stage power line filter

### Marketing Applications

- UPS
- Automatic data processing system
- Medical scale
- Network technology
- Medical device (not body-coupled)

### Electrical Schematic



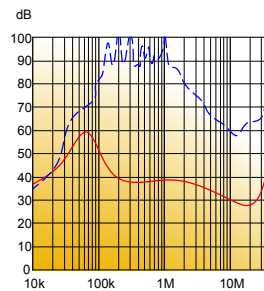
### Special Features

- CNAM series: medical grade with very low leakage current.

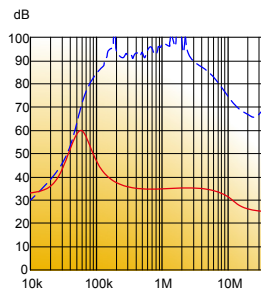
### Filter Attenuation

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

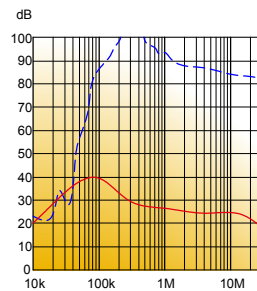
■ 1A~3A



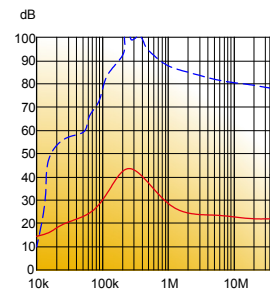
■ 6A~10A



■ 15A~20A



■ 30A



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

## Technical Data and Measuring Conditions

No.	CNAM series Filter PRJ No.	01CNAM000	03CNAM000	06CNAM000	10CNAM000	15CNAM000	20CNAM000	30CNAM000	
1	Rated voltage	AC 1 Ø 250V / DC250V							
2	Rated current	1A	3A	6A	10A	15A	20A	30A	
3	Test voltage	2,500 VAC (Cutoff current: 20mA), 1 min. at room temperature and humidity							
4	Isolation resistance	500VDC 100MΩ min. at room temperature and humidity							
5	Leakage current	5μA @250VAC/60Hz (max.)							
6	Voltage drop	1.0V max.							
7	Safety approval temp.	-25° ~ +100°							
8	Operating temperature	-40° ~ +100°							
9	Operating humidity	20 ~ 95%RH (Non condensing)							
10	Storage temp. / humidity	-40° ~ +100°; 20 ~ 95%RH (Non condensing)							
11	Vibration	10 ~ 55Hz, 19.6m/s <sup>2</sup> (2G), 3 min. period, 1 hour each X,Y,Z axis							
12	Impact	196.1m/s <sup>2</sup> (20G), 11ms, once along X,Y,Z axis							
13	Safety approvals	UL1283, CSA C22.2 No.8 (C-UL), VDE0565 Teil3-1, IEC/EN60939							

## Mechanical Drawing (unit: mm)

### ● Chassis mounting

