

The PE 2300 series designed for Inverters



**PE2300**



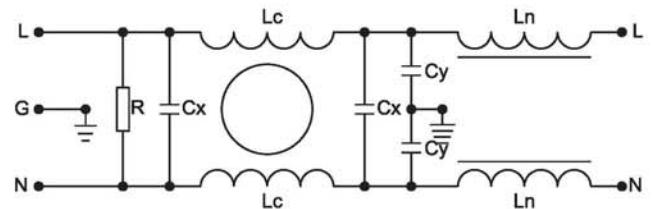
### Description :

- High performance with differential mode choke
- Good low frequency attenuation
- Available for inverter and variable speed motor device, which meet the RFI electromagnetic compatibility of European standards.
- Custom design acceptable

### Typical Applications :

- Inverter
- Variable frequency drive
- Electrical and electronic equipment
- Building automation
- Industrial applications
- Machinery
- Electronic data processing equipment
- Various noisy applications requiring good filter performance

### Electrical Schematic :




**Fig 1**

### Specification :

|                        |                |
|------------------------|----------------|
| Rated Voltage:         | 120/250 VAC    |
| Rated Current:         | 6A~25 A        |
| Operating Frequency:   | 50/60 Hz       |
| Temperature range:     | 25/085/21      |
| Test Voltage ( 1min ): |                |
| Line to Ground:        | 2000 VAC       |
| Line to Line:          | 1450 VDC       |
| Leakage Current(Max)   |                |
| Line to Ground:        | @ 250 VAC 50Hz |

### Filter Selection Table :

| Filter       | Rated current<br>(A) | Rated voltage<br>(V) | Leakage Current<br>(mA) | Input/Output connections<br> | Electrical Schematic | Dimension |
|--------------|----------------------|----------------------|-------------------------|---|----------------------|-----------|
| PE2300-6-06  | 6                    | 120/250              | 0.5                     | 06  | 1                    | 1         |
| PE2300-10-06 | 10                   | 120/250              | 0.5                     | 06  | 1                    | 1         |
| PE2300-16-06 | 16                   | 120/250              | 1.0                     | 06  | 1                    | 2         |
| PE2300-25-06 | 25                   | 120/250              | 1.0                     | 06  | 1                    | 2         |

All dimensions in mm; 1 inch=25.4mm

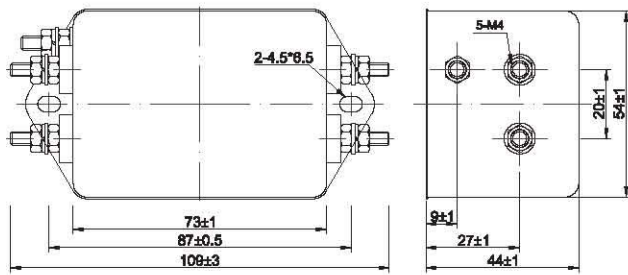


Fig 1

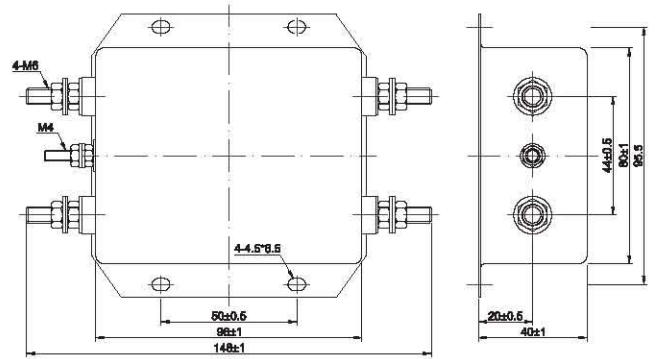
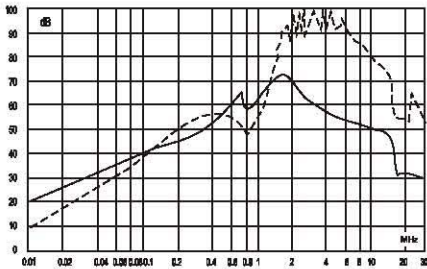


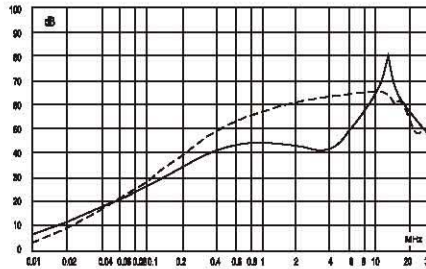
Fig 2

### Insertion Loss in dB:

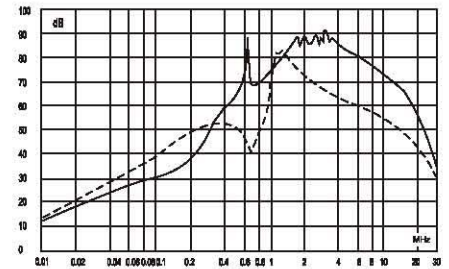
(Measured in 50Ω system , as IEC/CISPR NO.17)



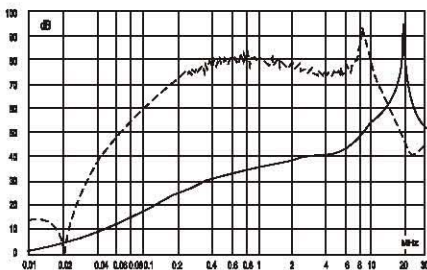
6A



10A



16A



25A