



Product information

# IEC Socket type power filter-DBI5

## Description

Small size, easy to install, can be customized, with strong anti-interference, high-performance features Point, AC power socket input, 6.3x0.8 chip output connection, with protection Fuse and socket integrated design.

## Technical Data

|                       |  |
|-----------------------|--|
| Rated Voltage         | 115/250VAC                                   |
| Line Frequency        | 50/60Hz                                      |
| Test Voltage          | 1500VDC (line/line)<br>2150VAC (line/ground) |
| Insulation Resistance | >50M @500VDC                                 |
| Temperature Rise      | <30  |
| Climatic Category     | 25/085/21                                    |
| Housing Material      | Nickel-plated iron                           |

## Approval & Compliance



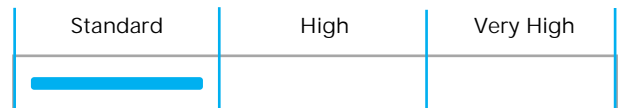
## Features

- Rated current : 1A-10A
- Strong anti-interference, high performance
- Dual fuses and switches
- Can be customized upon request

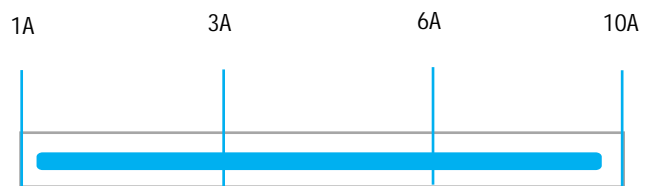
## Applications

- Portable electrical and electronic equipment
- Single-phase power supply, switching power supply
- Test and measurement equipment
- EDP and office equipment
- Medical equipment, etc.

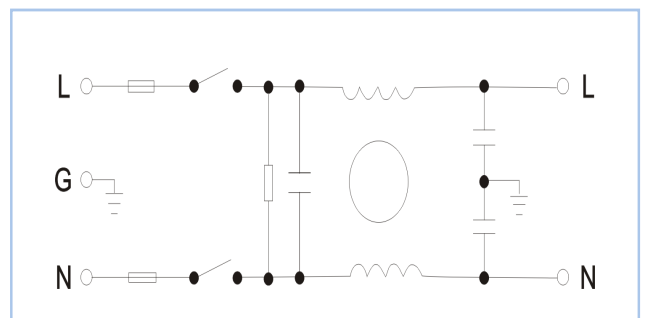
## Performance Indicator



## Rated Current [A]

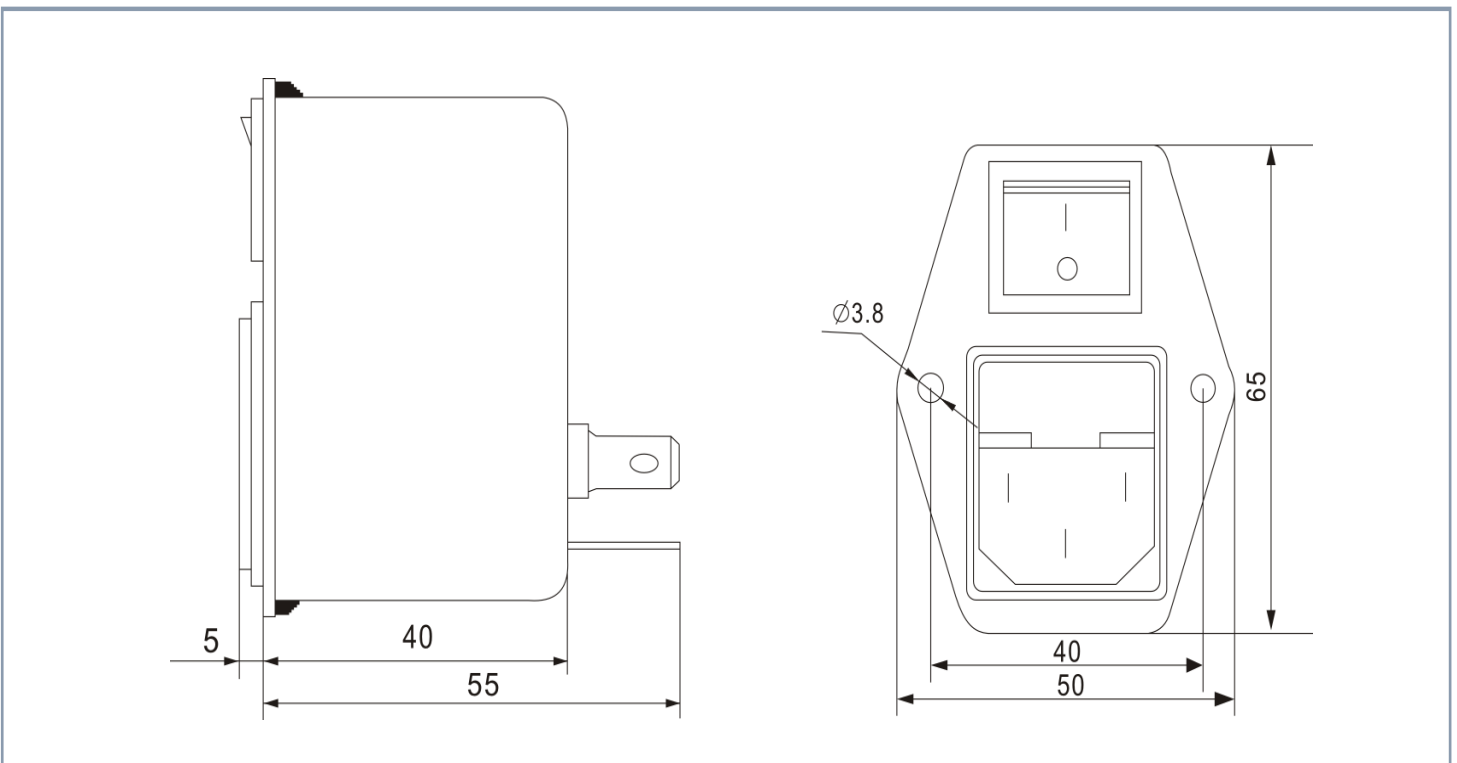


## Typical Circuit Diagram



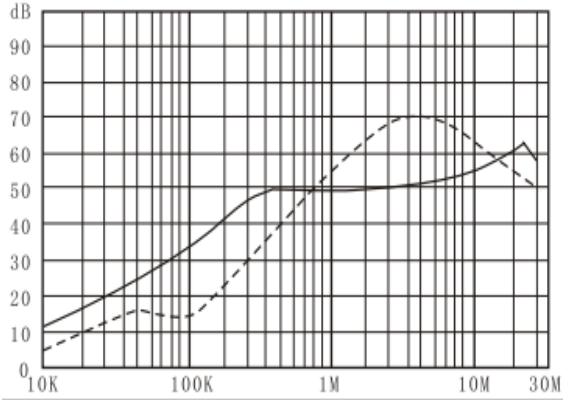
| Part No    | Rated Current | Rated Current | Case Type | Termination |          | Safety Certification | Remark                     |
|------------|---------------|---------------|-----------|-------------|----------|----------------------|----------------------------|
|            |               |               |           | Input       | Output   |                      |                            |
| DBI5-1A-S  | 1A            | <0.5mA        | I5        | Socket      | Terminal | cUL,<br>CE, ROHS     | Parameter<br>customization |
| DBI5-3A-S  | 3A            | <0.5mA        | I5        | Socket      | Terminal |                      |                            |
| DBI5-6A-S  | 6A            | <0.5mA        | I5        | Socket      | Terminal |                      |                            |
| DBI5-10A-S | 10A           | <0.5mA        | I5        | Socket      | Terminal |                      |                            |

### Overall Dimension ( ±1mm)

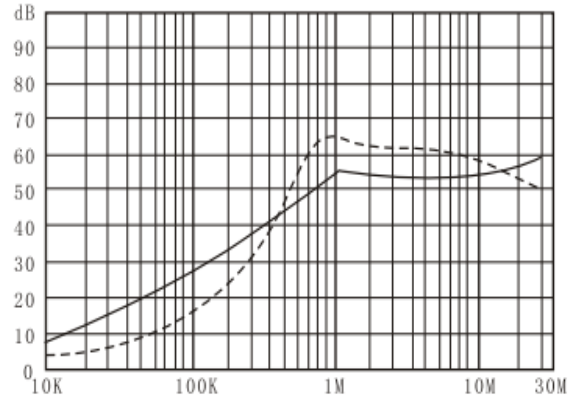


# Insertion loss

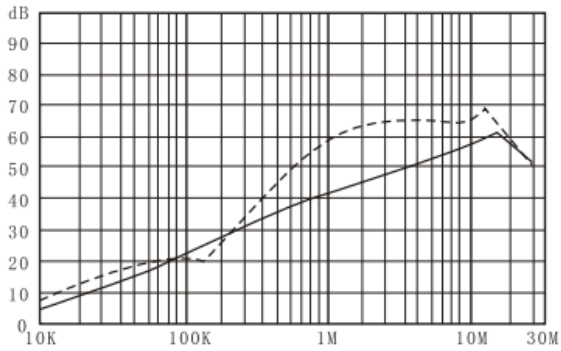
———— Common mode    - - - - - Di fference module



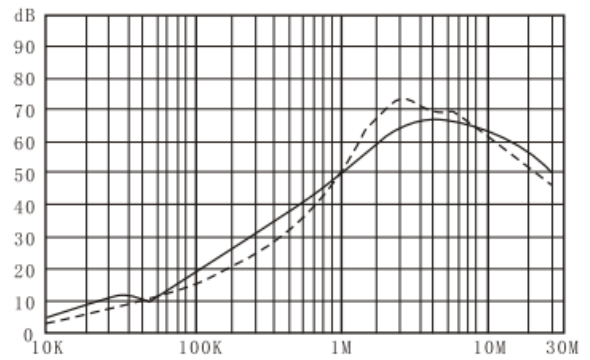
DBI5-1A



DBI5-3A



DBI5-6A



DBI5-10A