



3SUP□-BH(6~30) SERIES

NOISE FILTERS



Features

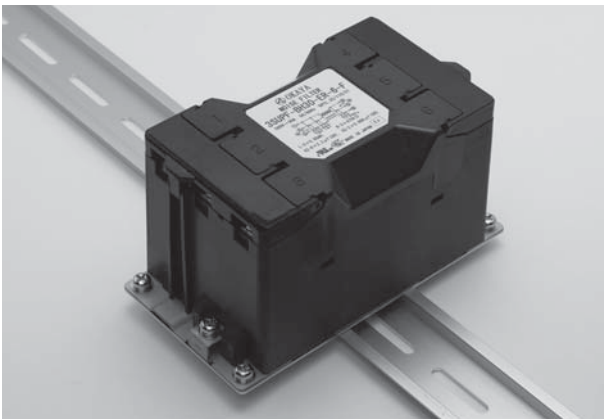
- Terminal preventing losing screw
- Three-phase three-wire system (Rated Voltage 500Vac)
- Two type of inductance coil is available: F means Ferrite, H means High μ
- DIN rail type is option

Applications

- Inverter power supplies, UPS, NC controlled machineries



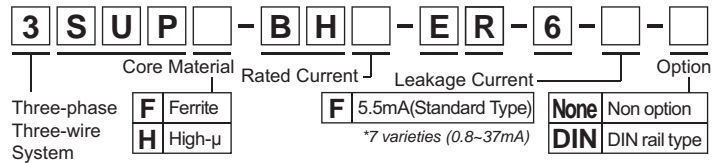
- DIN rail type (option)



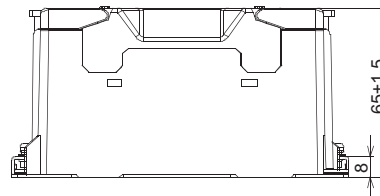
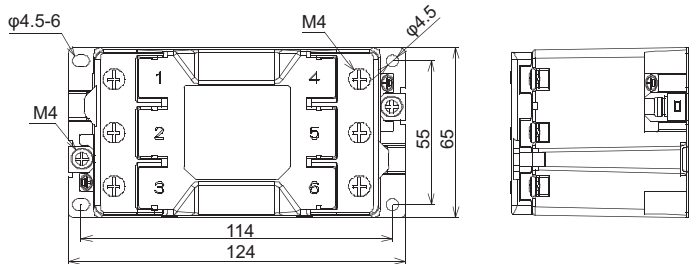
| Safety Standard | | File No. |
|-----------------|--------------------|------------|
| UL | :UL1283 | E78644 |
| cUL | :C22.2, No.8-M1986 | |
| SEMKO | :EN60939 | SE/0142-32 |

The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.

Model numbering system

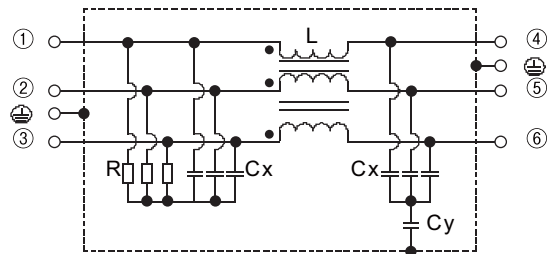


Dimensions



Tolerances: ± 1.0
Unit: mm

Circuit



Electrical Specifications

Rated Voltage **500Vac**

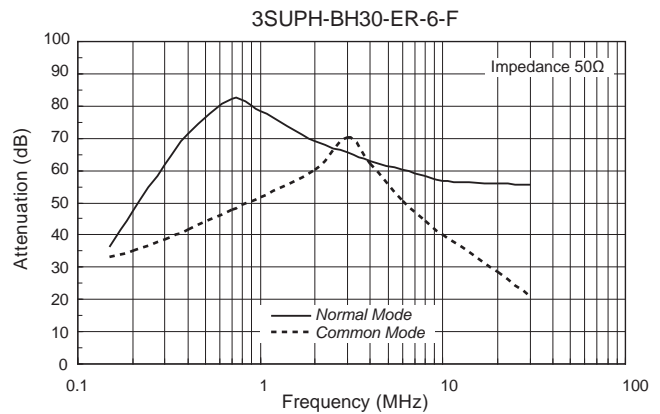
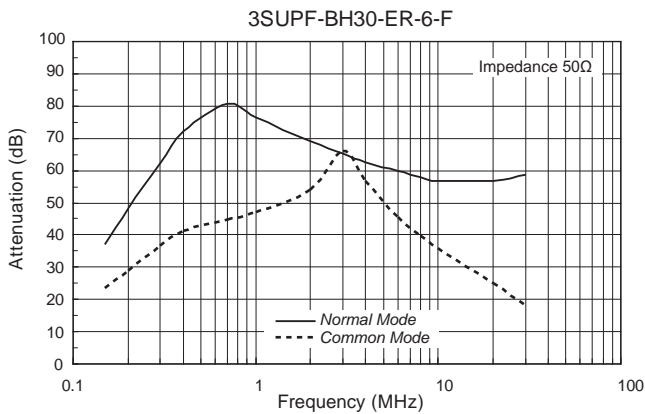
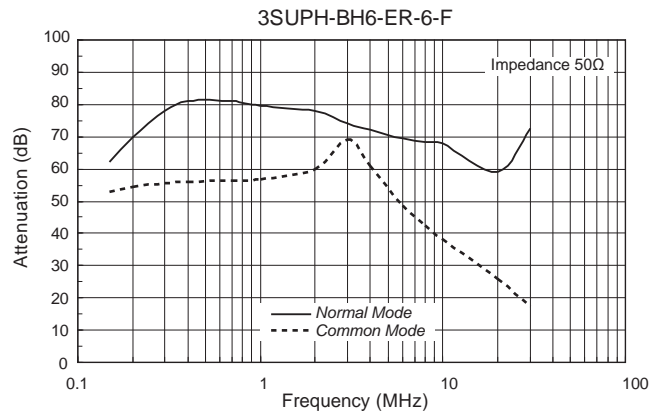
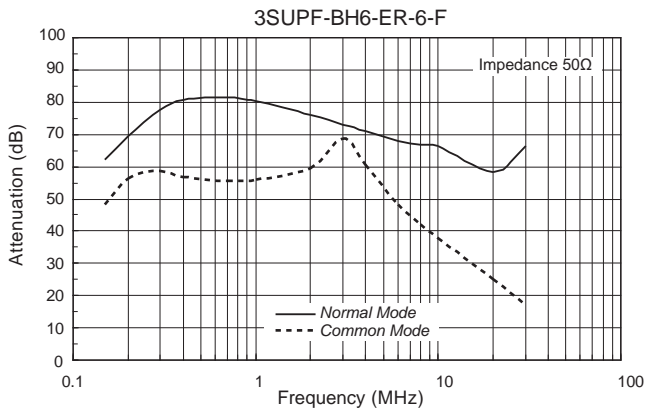
| Safety Standard | Model Number*1 | Rated Current (A) | Test Voltage | Insulation Resistance | Leakage Current *2 max. | Voltage Drop max. | Temperature Rise max. | Operating Temperature (°C) | Weight typ.(g) |
|-----------------|-------------------|-------------------|---|--|------------------------------|-------------------|-----------------------|--|----------------|
| | 3SUP□-BH6-ER-6-F | 6 | Line to Case 2,000Vac 50/60Hz 60sec | Line to case 6,000M Ω min (at 500Vdc) | 5.5mA (at 500Vac 60Hz) | 1.0Vac | 60K | -25 ~ +50 (Derating of current from 50 to 85°C) | 490 |
| | 3SUP□-BH10-ER-6-F | 10 | | | | | | | 510 |
| | 3SUP□-BH20-ER-6-F | 20 | | | | | | | 530 |
| | 3SUP□-BH30-ER-6-F | 30 | | | | | | | 540 |

□= F: Ferrite, H: High- μ

*1 Standard type *2 Leakage current of Standard type

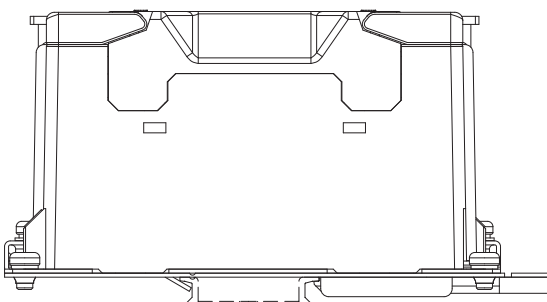
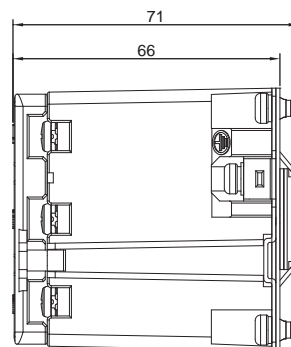
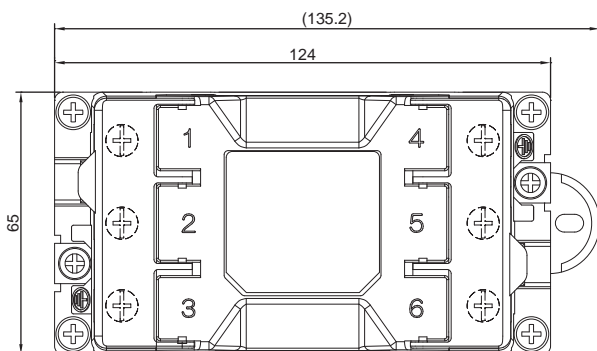


● Static characteristics (Representative example)



● Dimensions

DIN rail type (option)



Tolerances: ±0.5
Unit: mm

- Note when installing EMI filter on DIN rail
Even though the ground connects correctly through the DIN rail, may not get noise attenuation. Be sure to connect the FG ground of EMI filter to the ground directory.