



# 3SUP□-BH(6~30) SERIES

# NOISE FILTERS



## Features

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

## Applications

- Inverter power supplies, UPS, NC controlled machineries



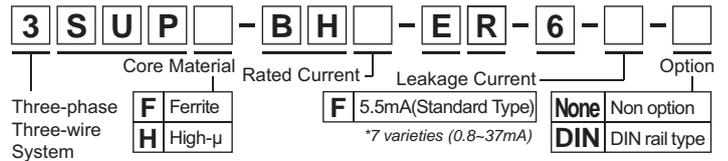
- DIN rail type (option)



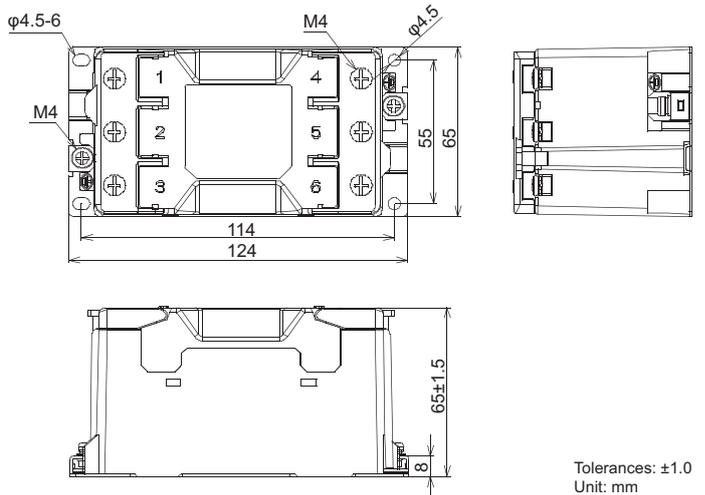
Safety Standard		File No.
UL	:UL1283	E78644
cUL	:C22.2, No.8-M1986	
SEMKO	:EN60939	SE/0142-32

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

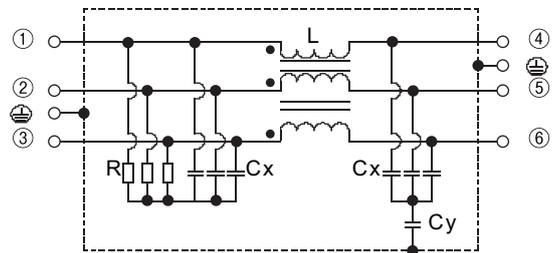
## Model numbering system



## Dimensions



## Circuit



## Electrical Specifications

Rated Voltage **500Vac**

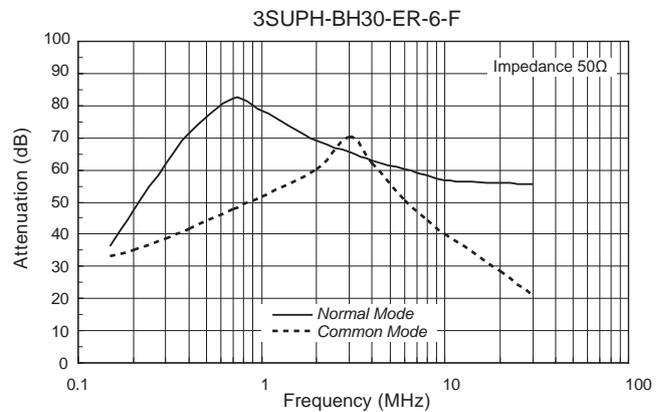
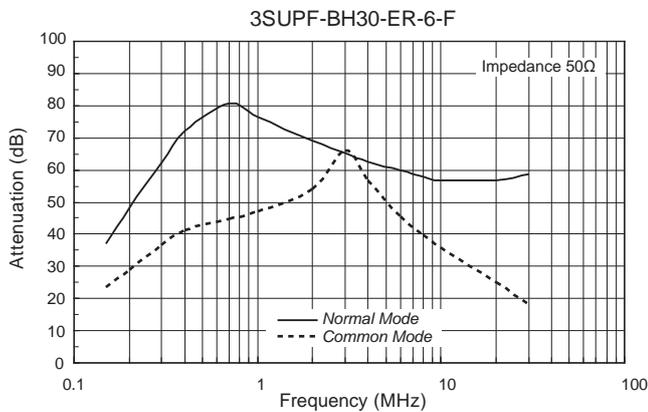
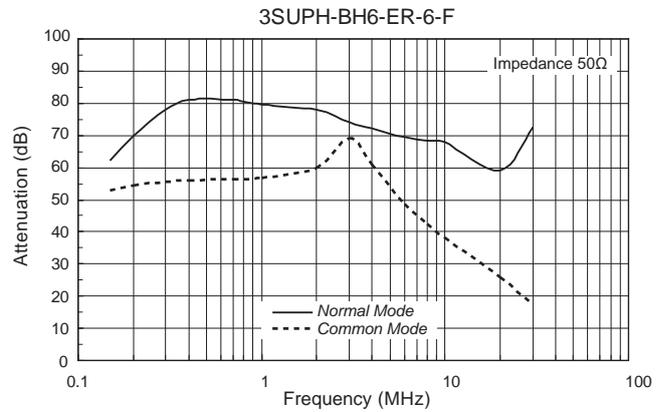
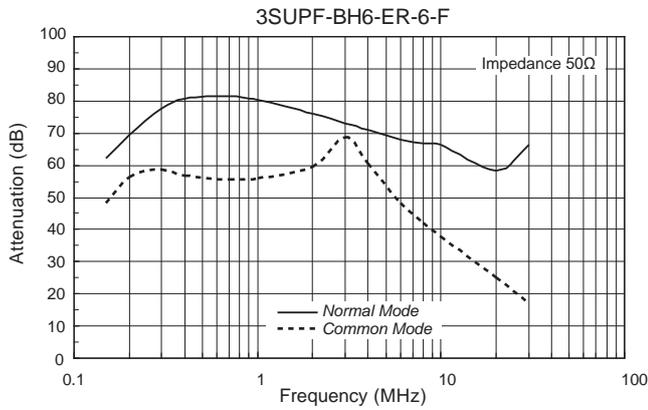
Safety Standard	Model Number*1	Rated Current (A)	Test Voltage	Insulation Resistance	Leakage Current *2 max.	Voltage Drop max.	Temperature Rise max.	Operating Temperature (°C)	Weight typ.(g)
	3SUP□-BH6-ER-6-F	6	Line to Case 2,000Vac 50/60Hz 60sec	Line to case 6,000M $\Omega$ min (at 500Vdc)	5.5mA (at 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- $\mu$

\*1 Standard type \*2 Leakage current of Standard type

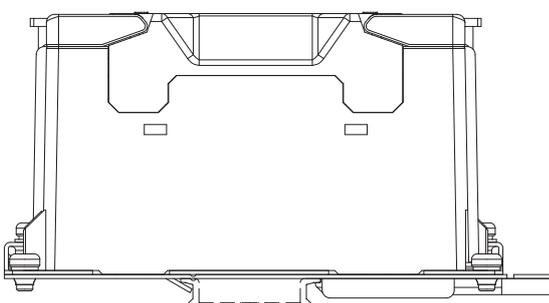
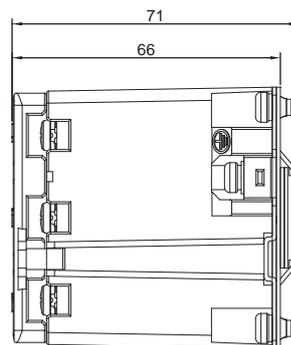
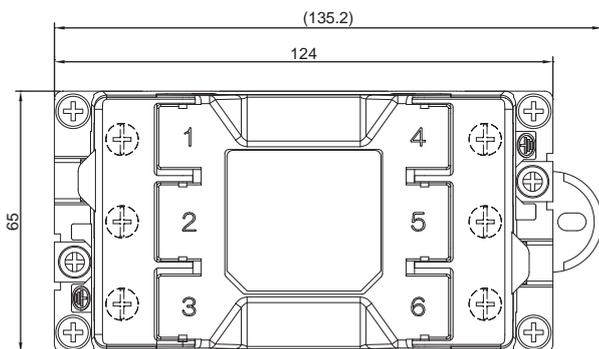


● Static characteristics



● 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.