RoHS
(EU) 2015/863

THREE-PHASE NOISE FILTER 3SUP□-BE(6~30) SERIES

NOISE FILTERS

OKAYA

Features

- Terminal preventing loosing screw
- 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

Safety Standard		File No.
UL	:UL-1283	E78644
cUL	:CSA C22.2 No.8.	E78644
ENEC	:EN60939-3	SE-ENEC-2201404

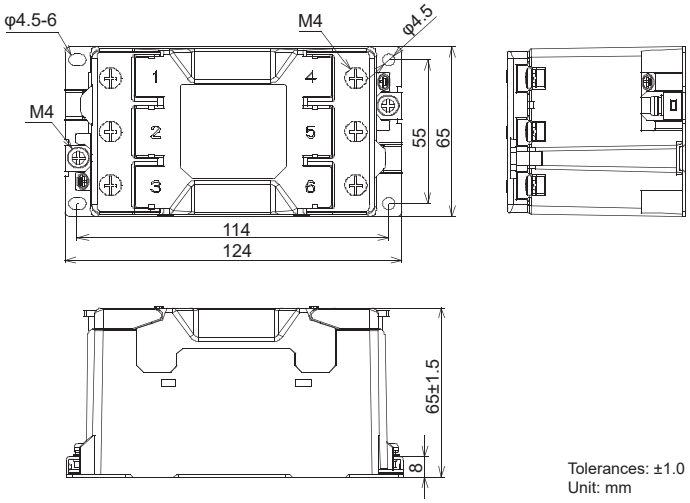
The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.
*File No. may be revised without notice. Please contact us at the time of your request for certifications.

- Model numbering system

3 S U P □ – B E □ – E R – 6 – □ – □

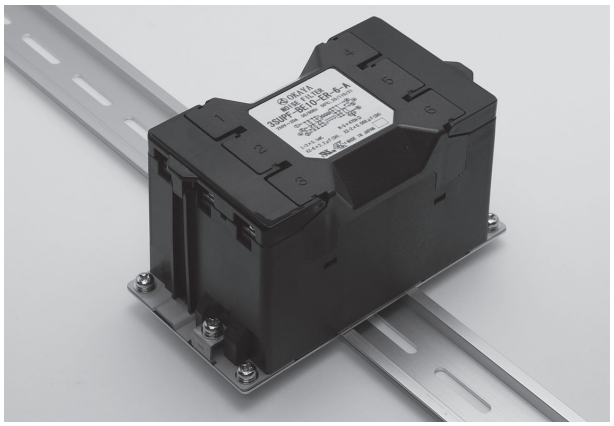
	Core Material	Rated Current	Leakage Current	Option
Three-phase Three-wire System	F Ferrite H High-μ		A 2.4mA(Standard Type) *8 varieties (0.8~54mA)*	None Non option DIN DIN rail type

- *Dimensions*

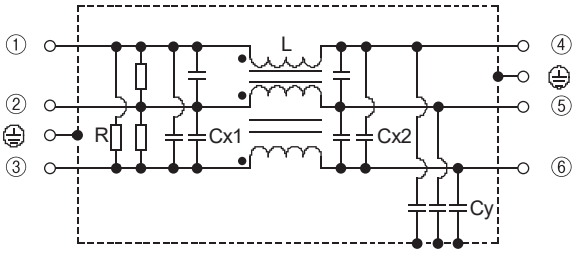


Tolerances: ±1.0
Unit: mm

- DIN rail type (option)



- *Circuit*



Electrical Specifications

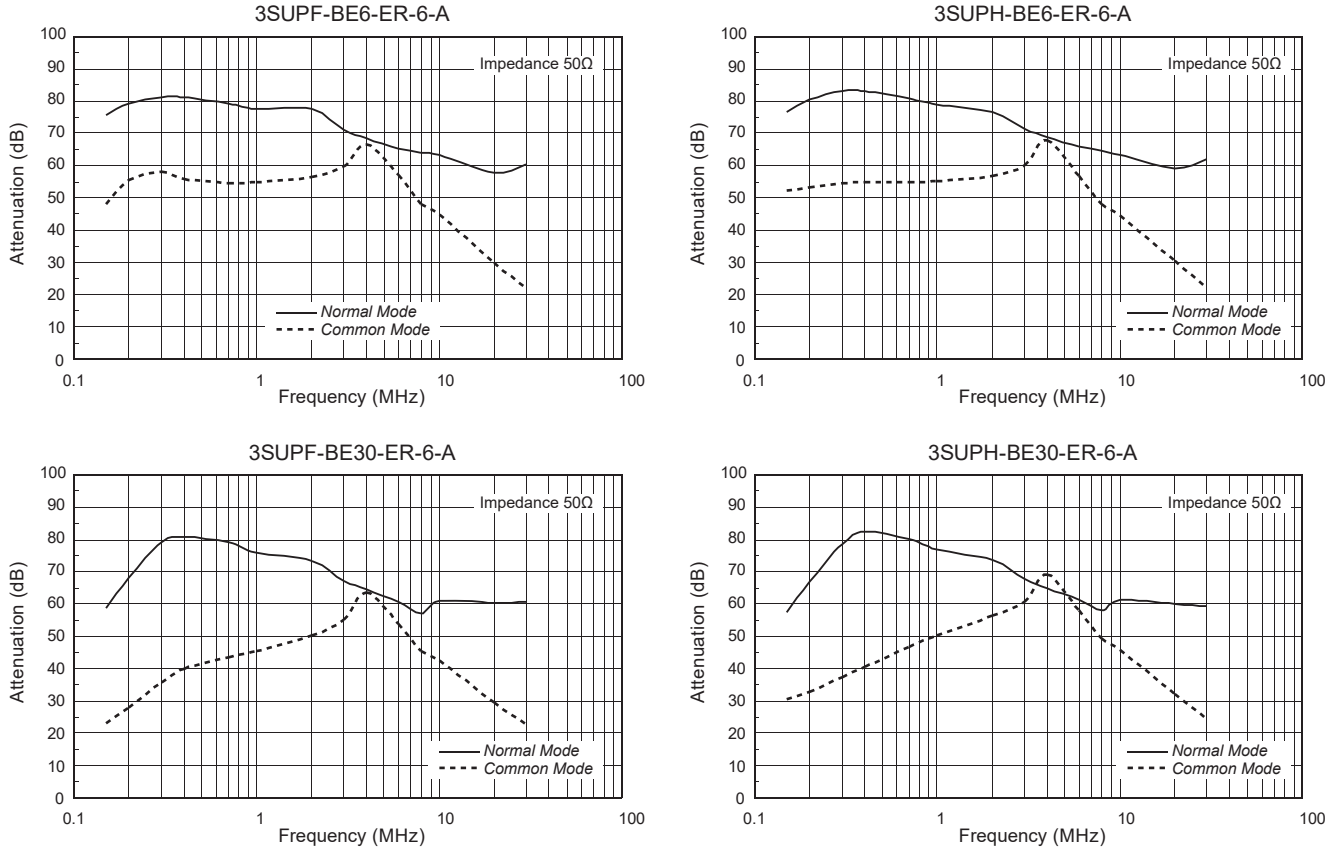
Rated Voltage **250Vac**

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)
cULus ENEC	3SUP□-BE6-ER-6-A	6	Line to Case 2,000Vac 50/60Hz 60sec	Line to case 6,000MΩmin (at 500Vdc)	2.4mA (at 250Vac 60Hz)	1.0Vac	60K	-25 ~ +50 (Derating of current from 50 to 85°C)	490
	3SUP□-BE10-ER-6-A	10							510
	3SUP□-BE20-ER-6-A	20							530
	3SUP□-BE30-ER-6-A	30							540

□= F: Ferrite, H: High-μ

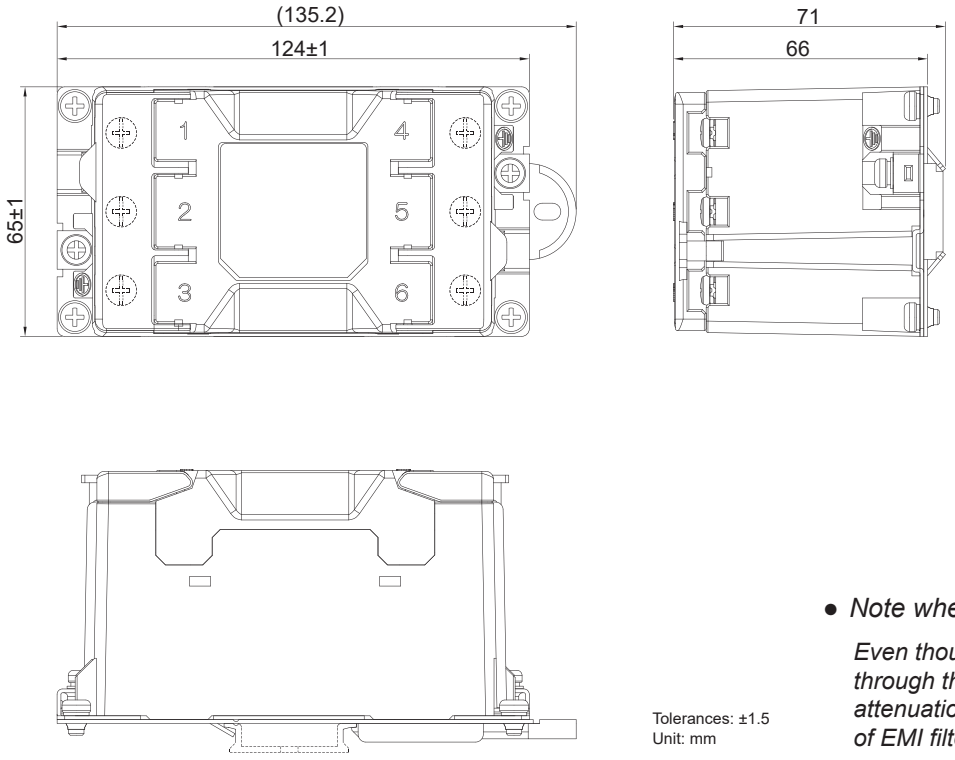
*1 Standard type *2 Leakage current of Standard type

● *Static characteristics (Representative example)*



● *Dimensions*

DIN rail type (option)



Tolerances: ±1.5
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.