

°C	<h1>Series NF3000C</h1> <h2>3-phase 3-Wire Type Noise Filter</h2>
%RH	
SHIMADEN	



BASIC FEATURES

- Reduction in size and weight realizes a 50% reduction compared to the past model
- Excellent high attenuation characteristics (corresponding to our thyristor power regulator PAC series)
- High rated voltage of AC 500V
- Low leakage current 3mA
- EN 55011 group 1 class A
- RoHS directive supported

SPECIFICATIONS

■ Rated voltage/Leakage Current :

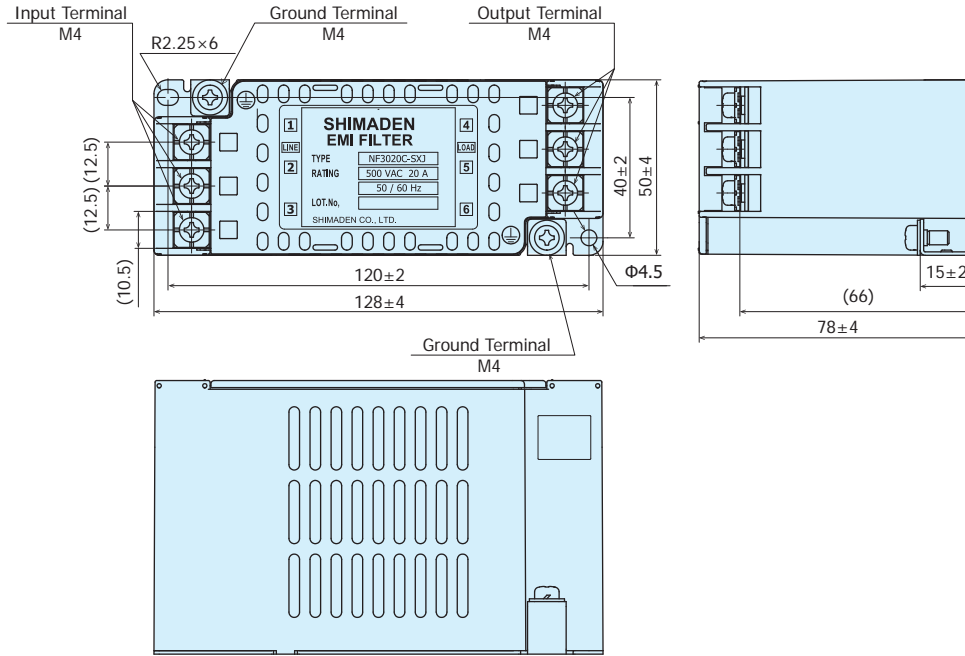
	Rated voltage	Leakage Current
20A-300A	3-phase (3-wire) 500VAC (50/60Hz)	2.5mA Max 400V AC, 50Hz (1.5mA Max 200V AC 60Hz)
500A, 600A	3-phase (3-wire) 480VAC (50/60Hz)	10mA Max 400VAC, 50Hz (5mA Max 200VAC 60Hz)

- Rated current capacity : 20A, 40A, 50A, 60A, 100A, 150A, 200A, 300A, 500A, 600A
- Dielectric strength : 2000V AC or 2828V DC between input/output terminal and ground terminal, 1 minute
- Insulation resistance : 500V DC, 500MΩ min. between input/output terminal and case, 1 minute later
- Applicable standard : Complies with RoHS Directive
- Leakage current : 20A to 300A 2.5mA Max 400VAC, 50Hz (1.5mA Max 200VAC, 60Hz)
500A, 600A 10mA Max 400VAC, 50Hz (5mA Max 200VAC, 60Hz)
- Overload current : Constant current × 150%, 1 minute
However, no change in characteristics, no case distortion and no deformation is required.
- Operating Temperature Range : -20 to 50 °C
Installation must be done on a metal plate (install the filter on wall)
- External Dimensions : Refer to model code table

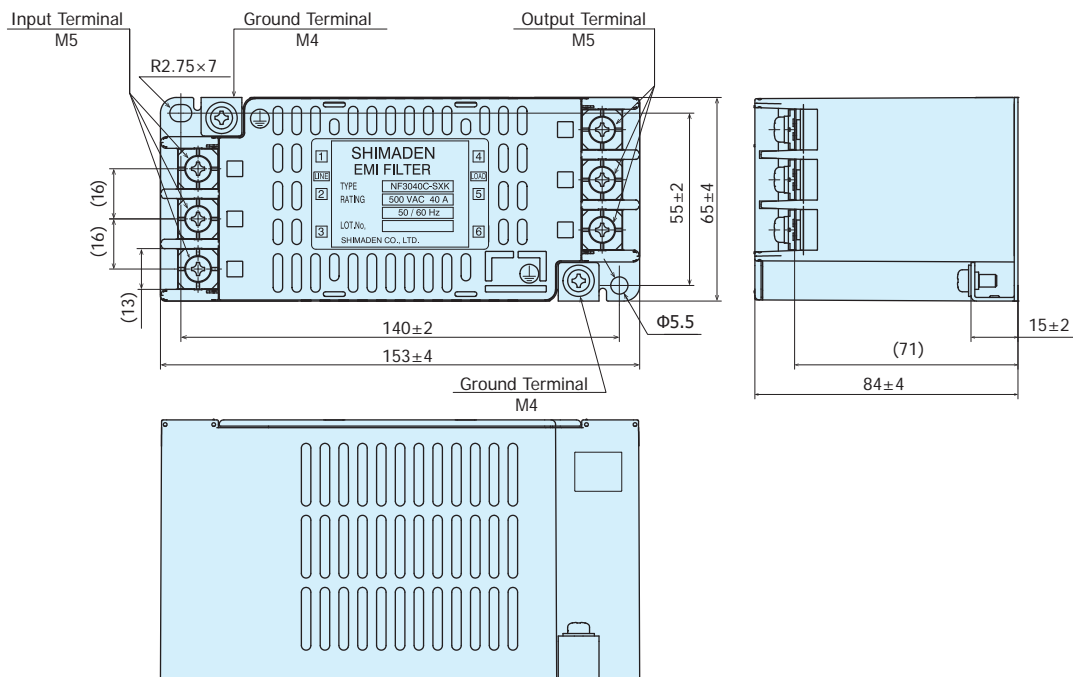
EXTERNAL DIMENSIONS

SERIES NF3000C

Model Code	Current Capacity	Input Terminal	Output Terminal	Ground Terminal	Weight (Kg)	Case Material
NF3020C-SXJ	20A	M4	M4	M4	0.7	PBT



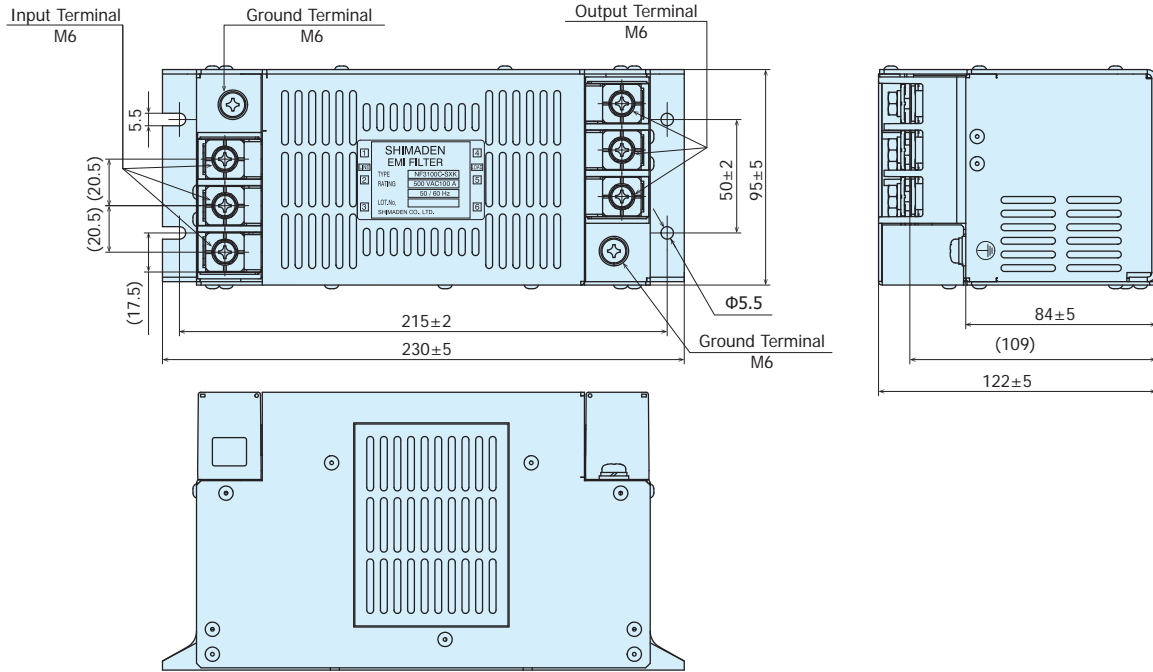
Model Code	Current Capacity	Input Terminal	Output Terminal	Ground Terminal	Weight (Kg)	Case Material
NF3040C-SXK	40A	M5	M5	M4	1.1	PBT
NF3050C-SXK	50A					
NF3060C-SXK	60A					



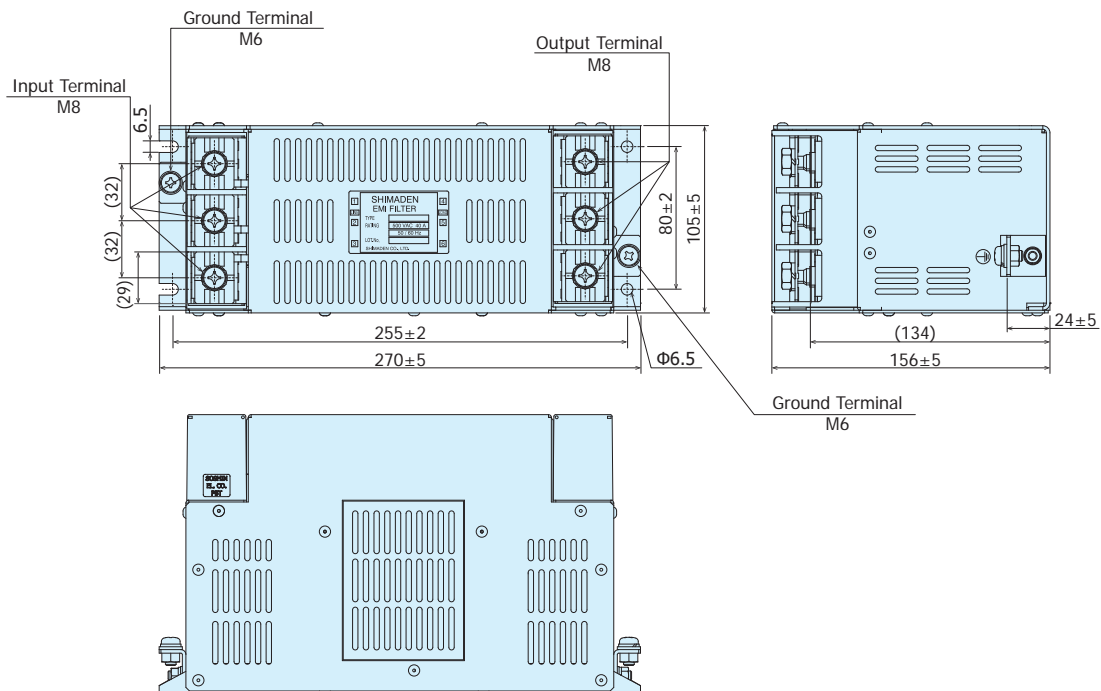
EXTERNAL DIMENSIONS

SERIES NF3000C

Model Code	Current Capacity	Input Terminal	Output Terminal	Ground Terminal	Weight (Kg)	Case Mterial
NF3100C-SXK	100A	M6	M6	M6	2.7	PBT



Model Code	Current Capacity	Input Terminal	Output Terminal	Ground Terminal	Weight --(Kg)	Case Mterial
NF3150C-SXK	150A	M8	M8	M6	4.3kg	PBT

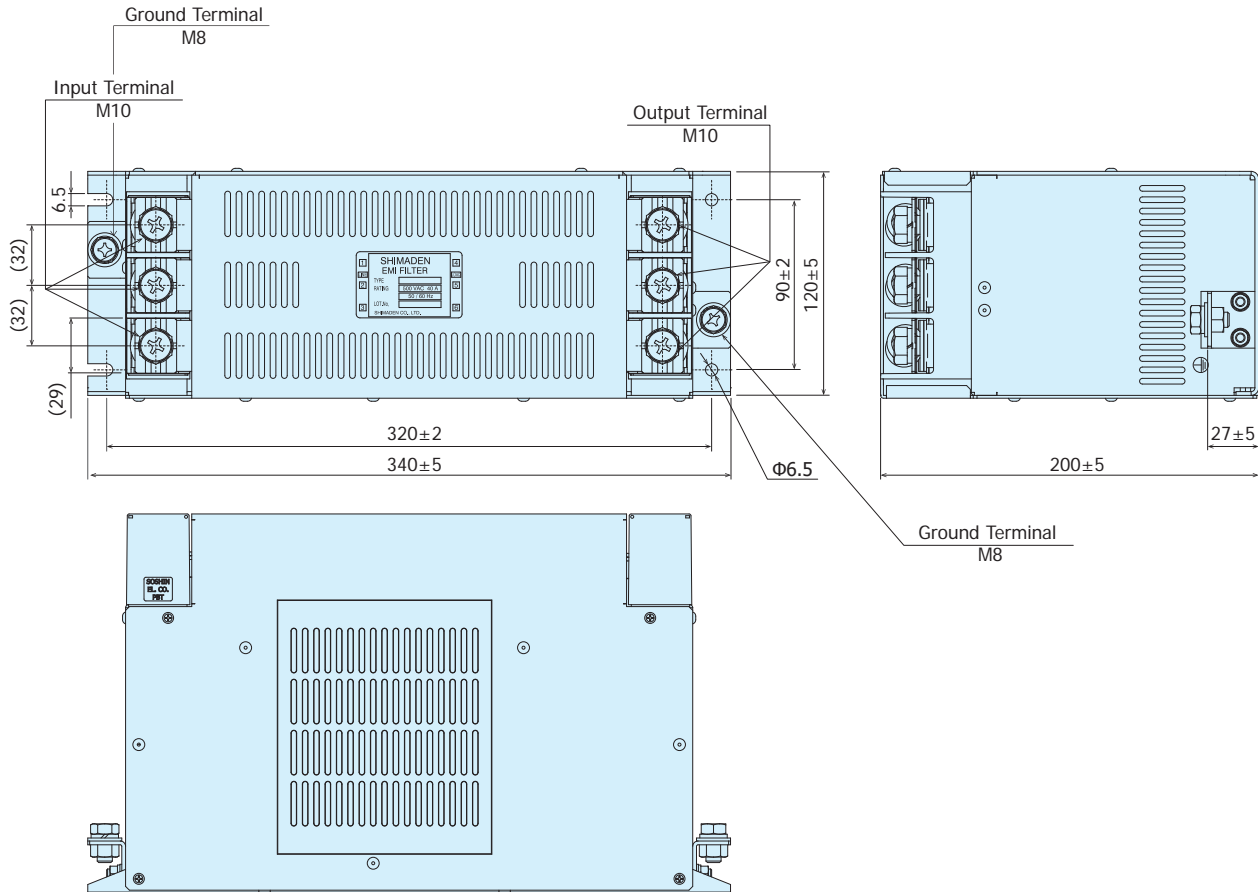


unit: mm

EXTERNAL DIMENSIONS

SERIES NF3000C

Model Code	Current Capacity	Input Terminal	Output Terminal	Ground Terminal	Weight (Kg)	Case Material
NF3200C-SXK	200A	M10	M10	M8	6.9 kg	PBT
NF3300C-SXK	300A				8.1 kg	

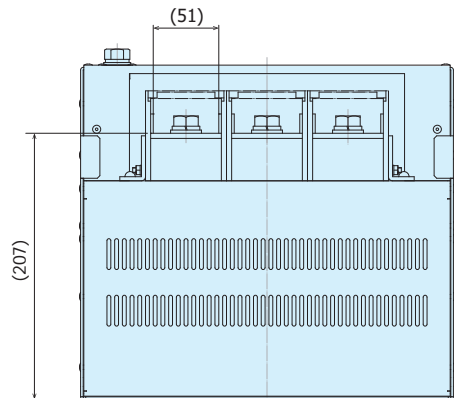
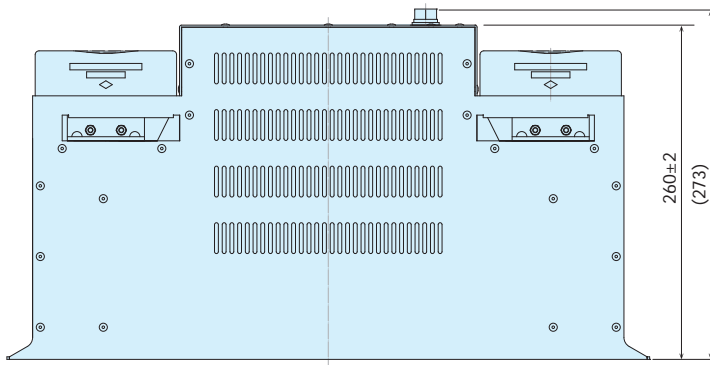
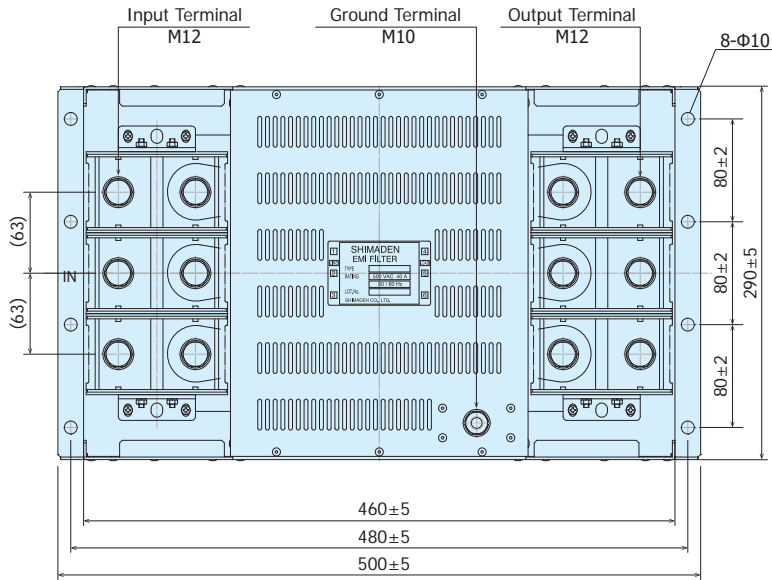


unit: mm

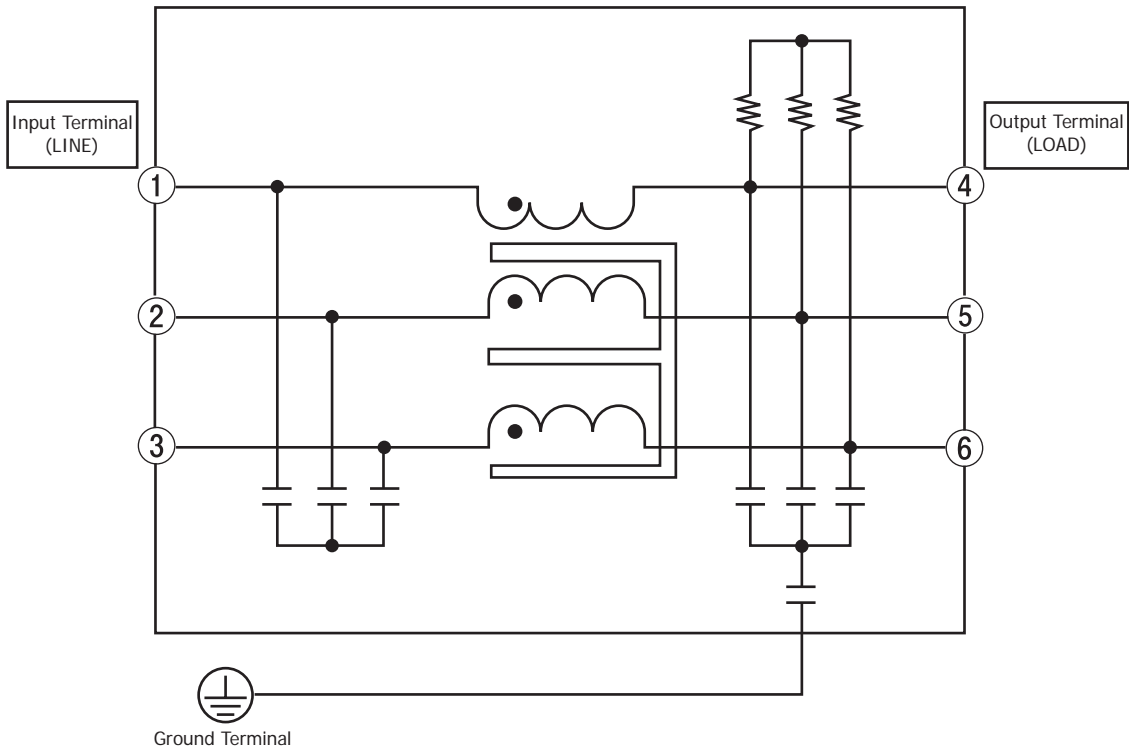
EXTERNAL DIMENSIONS

SERIES NF3000C

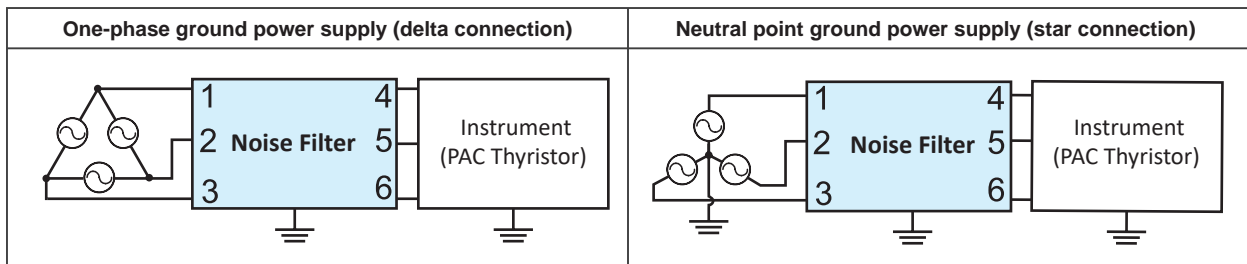
Model Code	Current Capacity	Input Terminal	Output Terminal	Ground Terminal	Weight (Kg)	Case Material
NF3500C-SXK	500A	M12	M12	M10	26 kg	PBT
NF3600C-SXK	600A					



unit: mm



APPLICATION EXAMPLE



■ The contents of this material are subject to change without notice.

<p>WARNING</p>	<ul style="list-style-type: none"> * Be sure to follow the instruction manual when operating this device. * This device is designed for industrial use to control temperature, humidity and other physical values. Avoid using it for control of devices upon which human life is dependent. * If the possibility of loss or damage to your system or property as a result of failure of any parts of the process exists, proper safety measures must be made before the instrument is put into use so as to prevent the occurrence of trouble.
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Head Office & Saitama Factory
 ISO 9001/ISO14001 Certification Obtained

Temperature and Humidity Control Specialists

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