

Noise Suppression Filters

RNFHA series

RNFHA series input circuit Power Filters

■ Features

- Excellent noise-damping performance conforming to EMC Directive requirements (provided that certain installation conditions are satisfied).
- Reliable damping of noise generated from inverters. (Better noise damping-performance will be achieved by using the Power Filter in combination with the RNFTS or RNFMS-series Power Filter for the load line.)
- Compact size and light weight achieved with original FUJI technology.

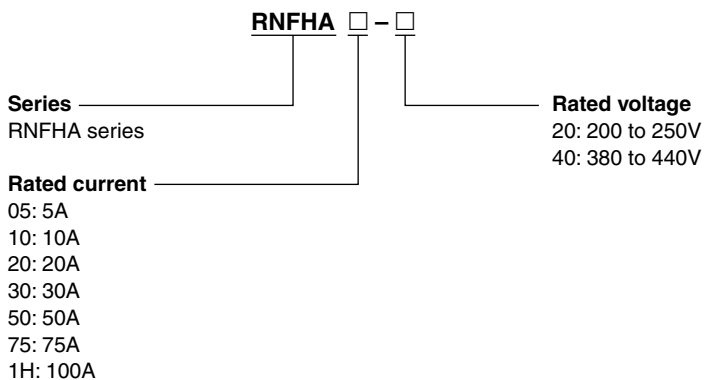


RNFHA series

■ Types and specifications

Type	Phase	Rated voltage (V)	Rated current (A)	Withstand voltage to grounding (V AC)	Leakage current (mA)	Voltage drop (V)	Operating ambient temperature (°C)
RNFHA05-20 RNFHA10-20 RNFHA20-20 RNFHA30-20	3-phase	200 to 250	5	2000, 1 minute	4.5 max. at one phase grounded	1.5 max.	-25 to +50
10							
			20				
			30				
RNFHA50-20 RNFHA75-20 RNFHA1H-20			50				
			75				
			100				
RNFHA05-40 RNFHA10-40 RNFHA20-40 RNFHA30-40	3-phase	380 to 440	5	2000, 1 minute	<ul style="list-style-type: none"> • 3.5 max. at neutral phase grounded • 24 max. at one phase grounded 	1.5 max.	-25 to +50
10							
			20				
			30				
RNFHA50-40 RNFHA75-40 RNFHA1H-40			50				
			75				
			100				

■ Type number nomenclature



■ Ordering information

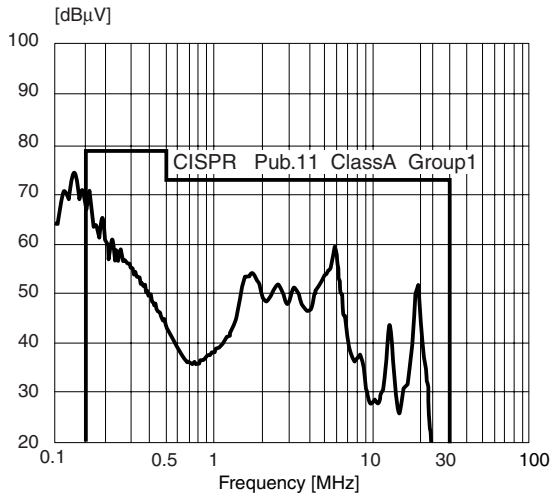
- Specify the following:
1. Type number

■ Noise damping characteristics

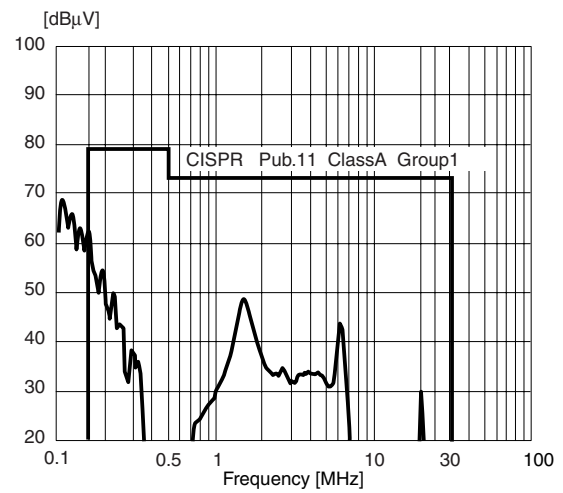
● Dynamic characteristics

Typical example: FUJI inverter combining an RNFHA05-20 input circuit Power Filter and an RNFTS05-20 series output circuit Power Filter.

• RNFHA05-20 only



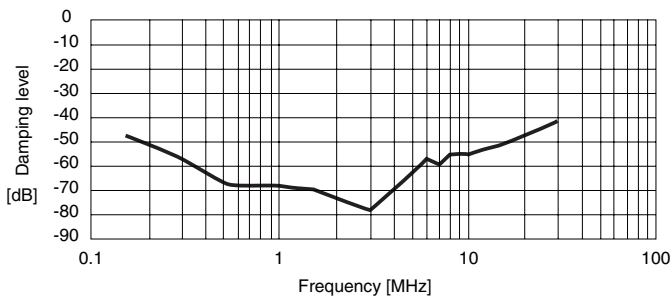
• RNFHA05-20 + RNFTS05-20



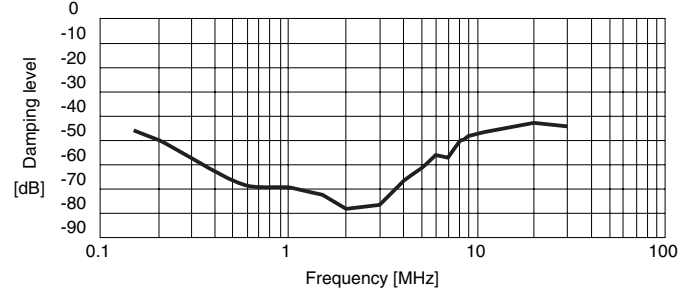
● Static characteristics

Typical example: RNFHA05-20

• Normal mode



• Common mode



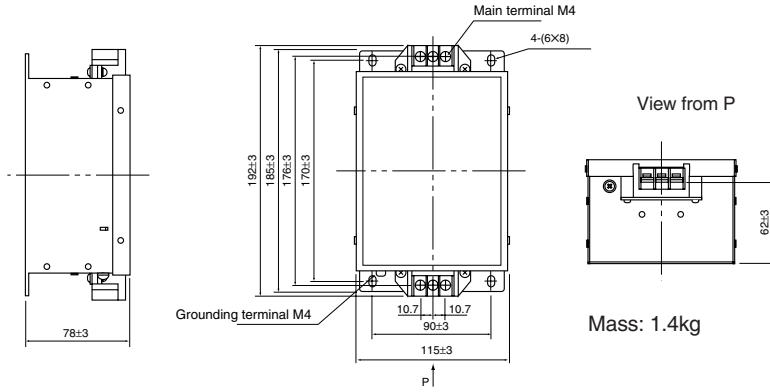
Noise Suppression Filters

RNFHA series

■ Dimensions, mm

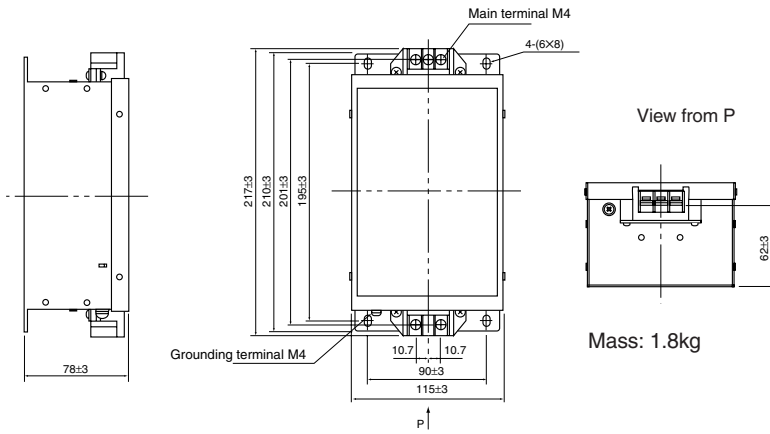
RNFHA05-20

RNFHA05-40



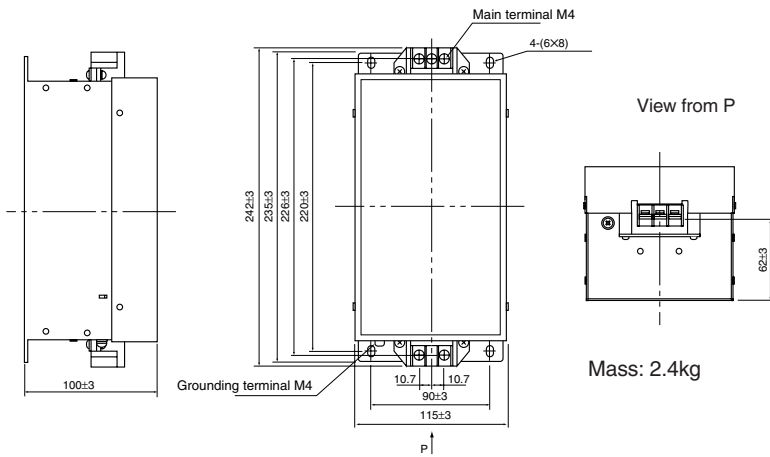
RNFHA10-20

RNFHA10-40



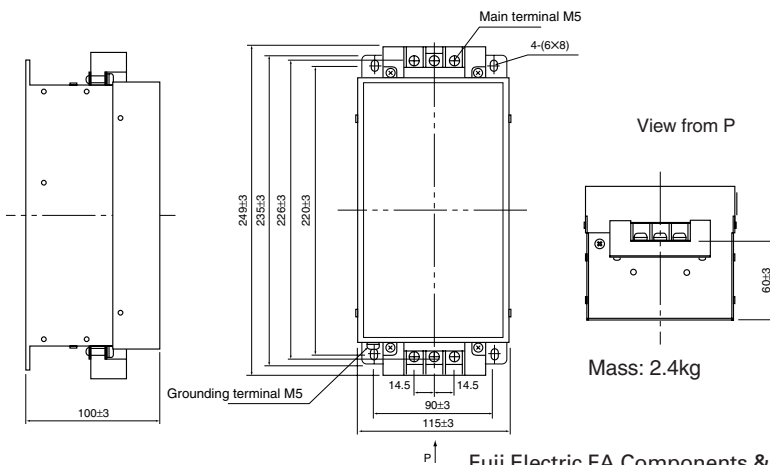
RNFHA20-20

RNFHA20-40



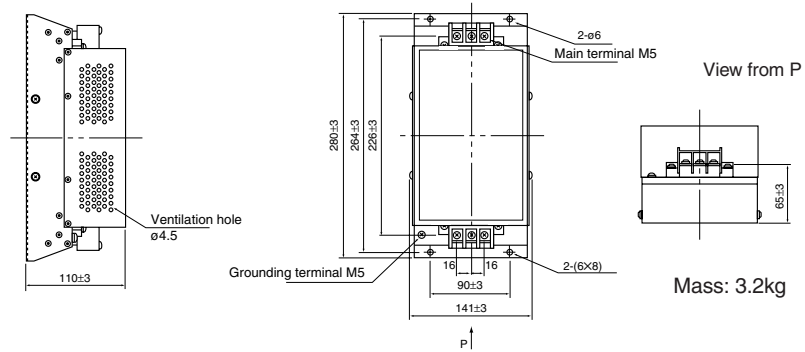
RNFHA30-20

RNFHA30-40

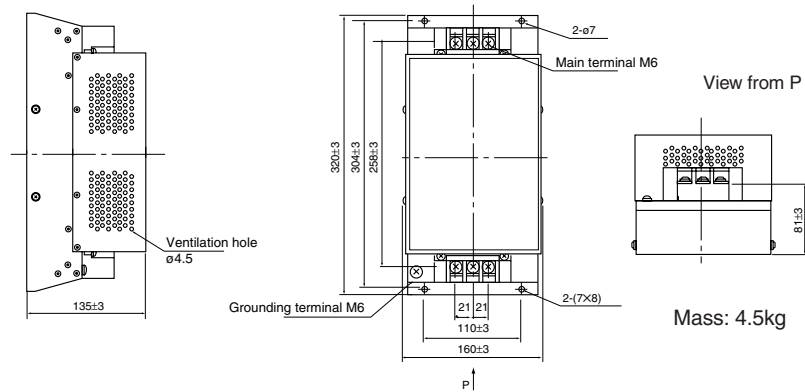


■ Dimensions, mm

RNFHA50-20
RNFHA50-40



RNFHA75-20
RNFHA75-40



RNFHA1H-20
RNFHA1H-40

