MX13-SERIES

3 Phase Noise filter for FA Servo System

LAMBDA
DENSEI-LAMBDA

■ Features

(1) Suitable for mounting in the control panel:
    Height and depth meets the industry standard.
(2) Easy installation and easy maintenance:
    Centralized terminals in front surface.
(3) Applicable to NC Servo noise and AC Servo noise:
    High attenuation by 40dB at 150kHz. level.
(4) Enriched lineups: 3 types (30A, 50A, 100, 150A)
    selectable.
(5) Patent and design registration pending.

■ Safety standard

℠ℛ us (UL1283 applied / approval in process
          (CSA C22.2 No.8 applied / approval in process

EN133200 EN133200 applied / approval in process

*Completion projected in August,2001

■ Specifications

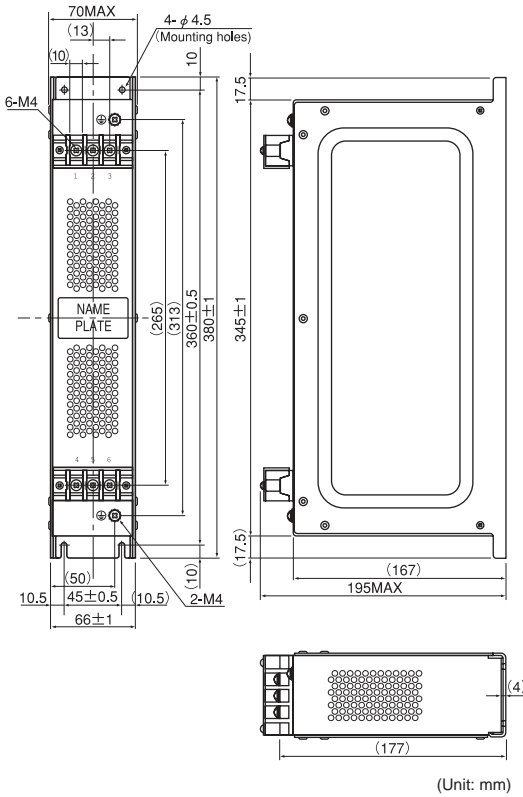| Item	Model	MX13030	MX13050	MX13100	MX13150
1	Rated voltage	3 Phase AC250V			
2	Rated current	30A	50A	100A	150A
3	Test voltage	Terminal - Case: AC2500V, 1min.			
4	Isolation resistance	Terminal - Case: DC500V, 100Mohm			
5	Leak current	AC250,60Hz : 3.5mA max.		8mA max.	
6	Attenuation	150kHz : 40dB			
7	Operating ambient temperature	−25 ~ +85°(derating required depending on the atmosphere temperature)			
8	Safety standards	Conforms to UL1283, CSA_C22.2No.8, EN133200 (to be applied for)			
9	Dimensions (W x H x D)	70mm×380mm×200mm	85mm×380mm×200mm	130mm×380mm×200mm	165mm×380mm×200mm

●100A type projected as a new lineup

■ Derating
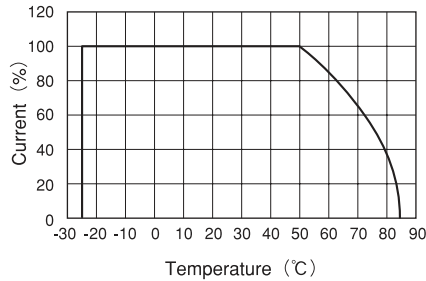
NOTE
*1 Value for Ta ≥ 50ºC
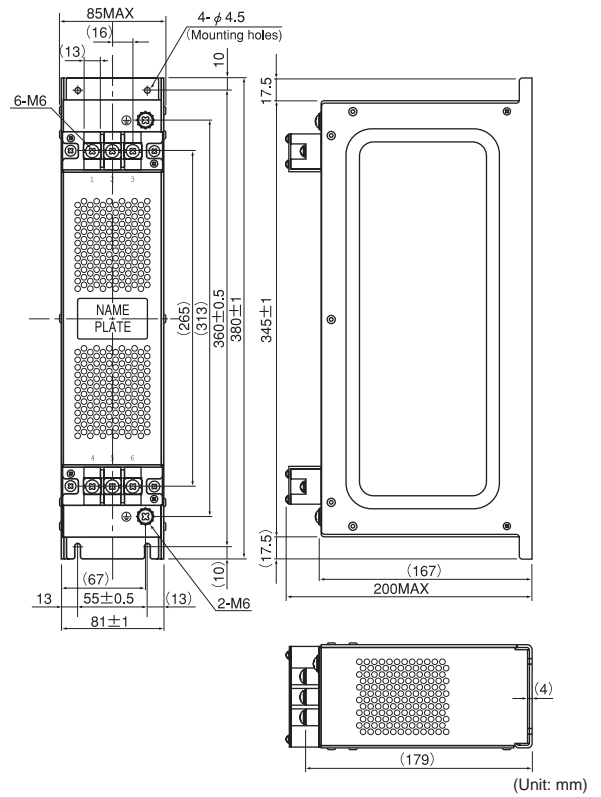For Ta ≥ 50ºC,derate according to the derating curve
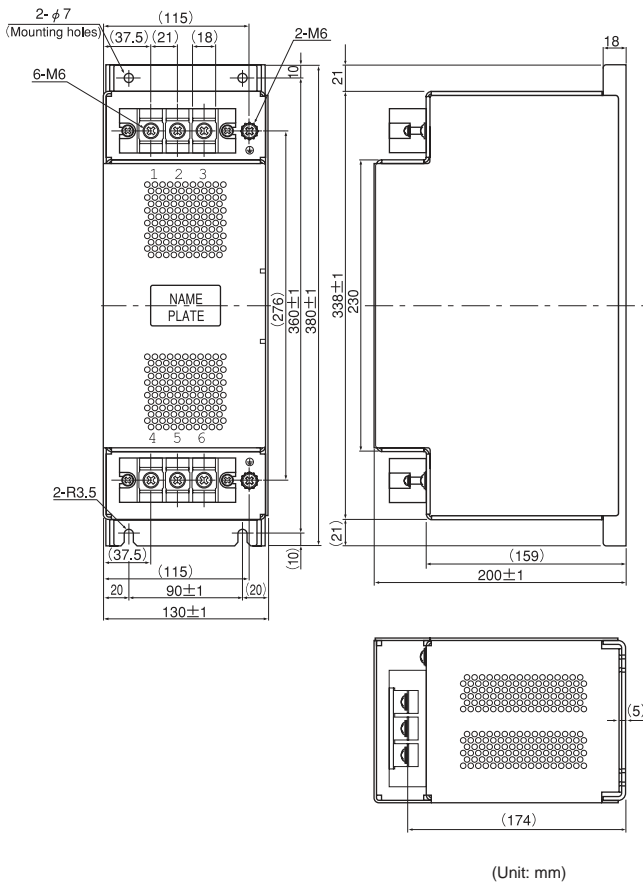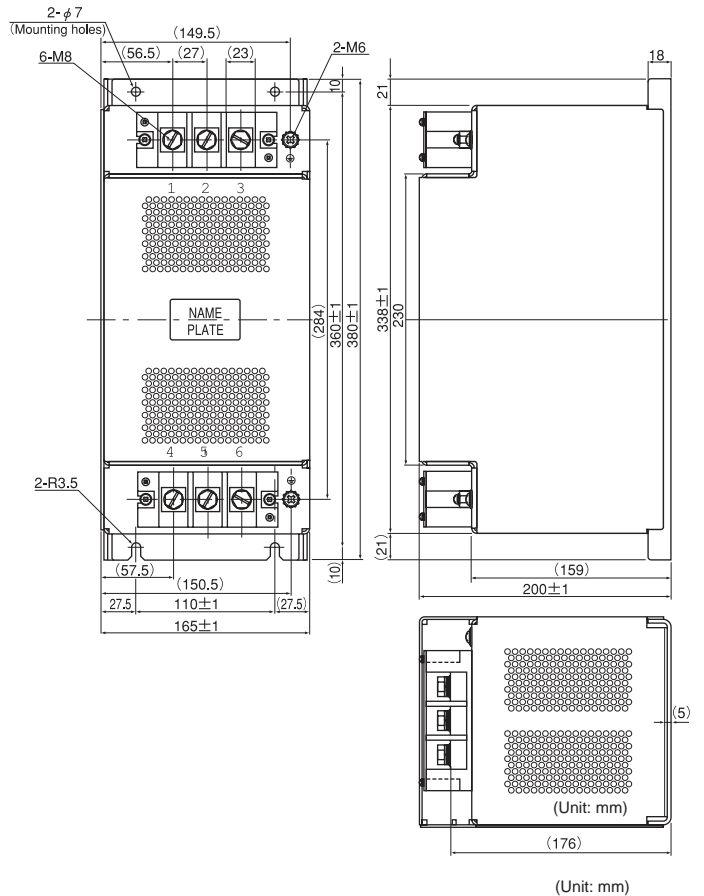shown on the right

MX13-SERIES

■ **MX13030**

(Unit: mm)

■ **MX13050**

(Unit: mm)

■ **MX13100**

(Unit: mm)

■ **MX13150**

(Unit: mm)

Noise Filter

153

MX13-SERIES

LAMBDA△
DENSEI-LAMBDA

CHARACTERISTICS

■ Conduction Emission   ■ Characteristics
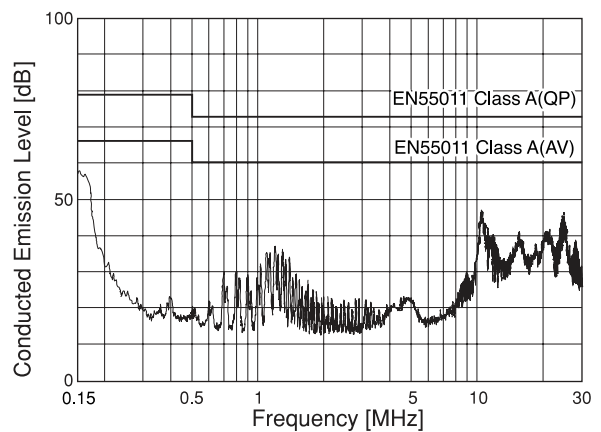
Noise Filter

● **Machine with Servo Driver + MX13030**

● **Machine with Servo Driver**
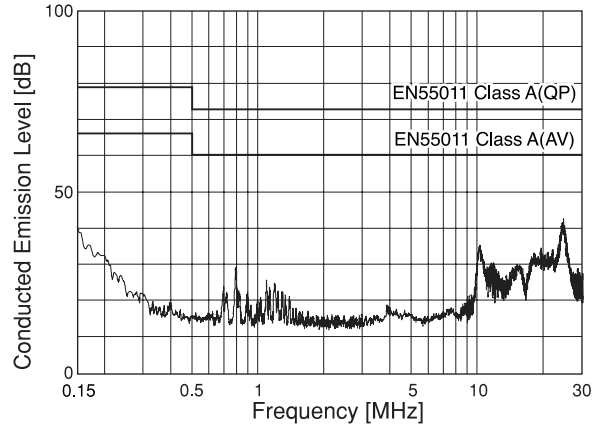
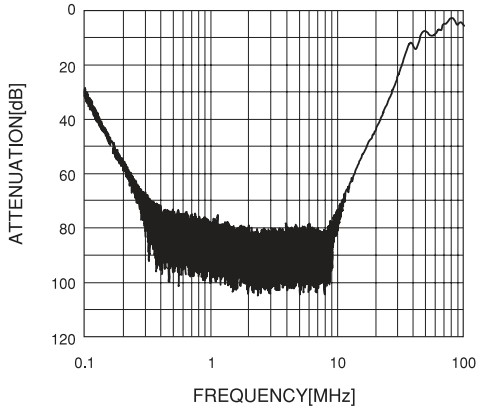● **Machine with Servo Driver + MX13050**
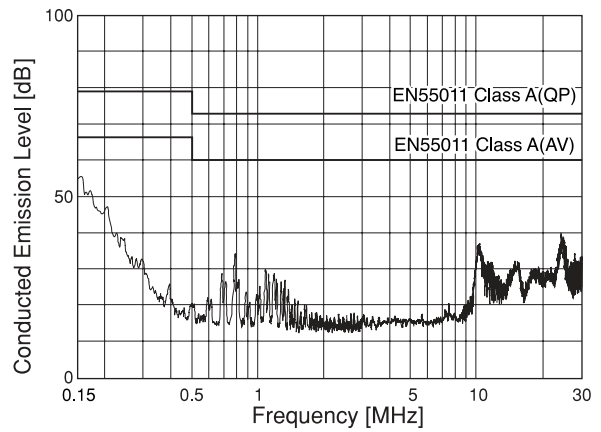
● **Machine with Servo Driver + MX13150**

MX13-SERIES

LAMBDA
DENSEI-LAMBDA
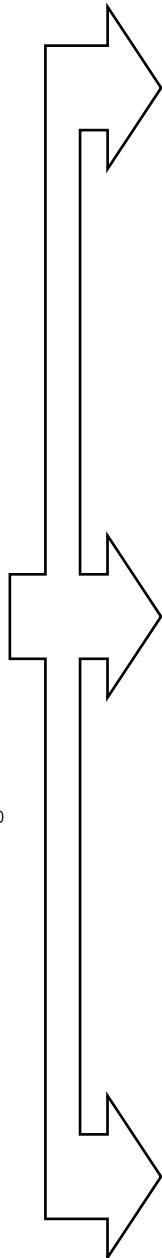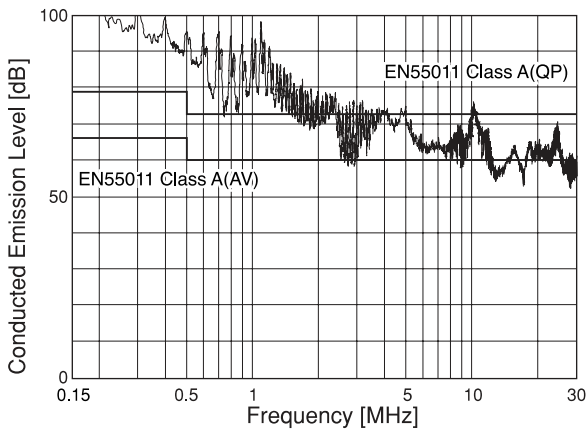
CHARACTERISTICS

■ Attenuation Characteristic (typical)

(1) Asymmetrical

(2) Symmetrical

MX13030

MX13030
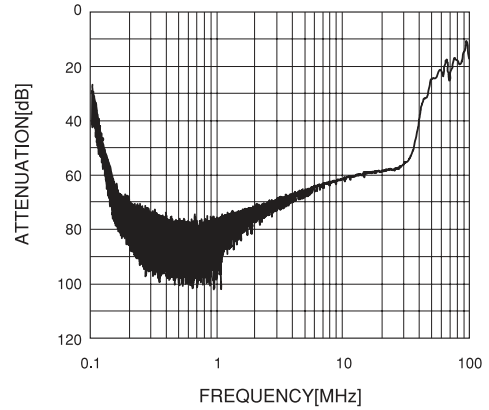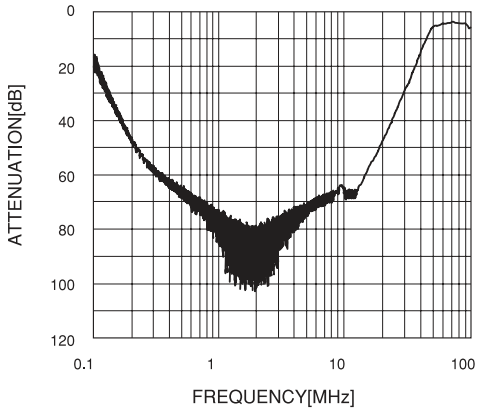
MX13050

MX13050
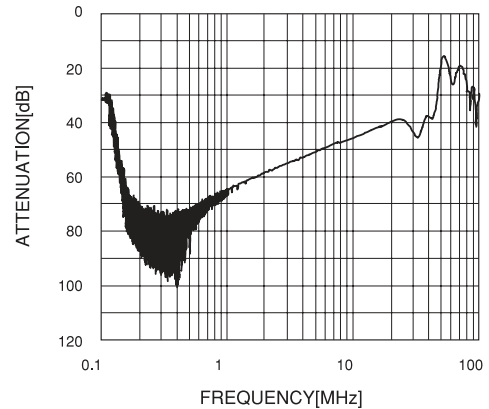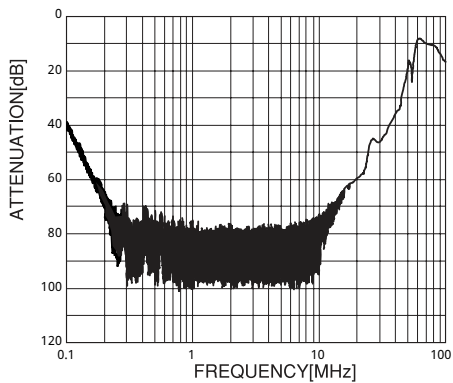
MX13100

MX13100
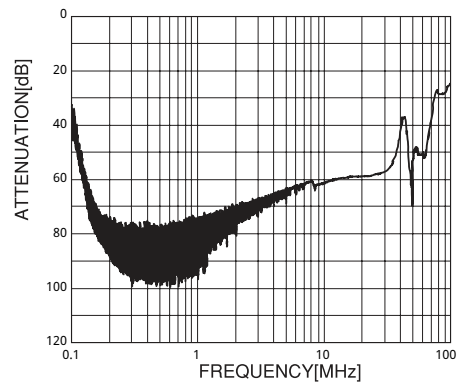
MX13150

MX13150

Noise Filter