

MX13-SERIES

3 Phase Noise filter for FA Servo System



■ 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

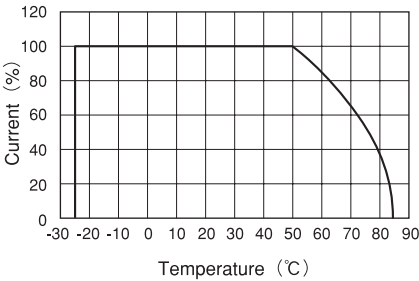
- UL1283 applied / approval in process
 - CSA C22.2 No.8 applied / approval in process
 - EN133200 applied / approval in process
- *Completion projected in August,2001

■ 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 X 380mm X 200mm	85mm X 380mm X 200mm	130mm X 380mm X 200mm	165mm X 380mm X 200mm

●100A type projected as a new lineup

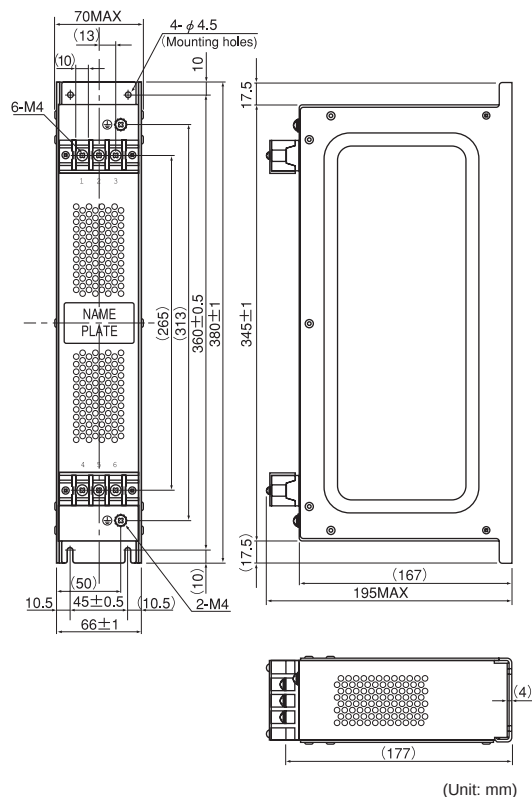
■ Derating



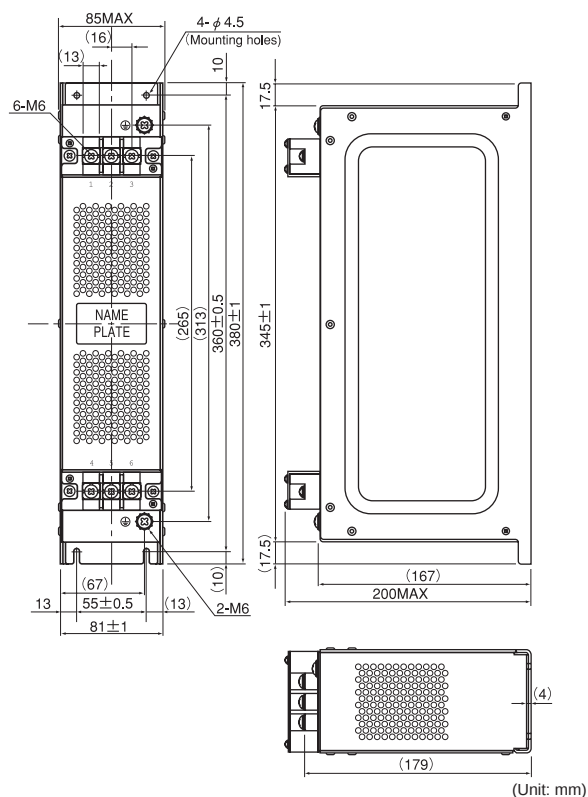
NOTE
*1 Value for Ta ≥ 50°C
For Ta ≥ 50°C,derate according to the derating curve
shown on the right

MX13-SERIES

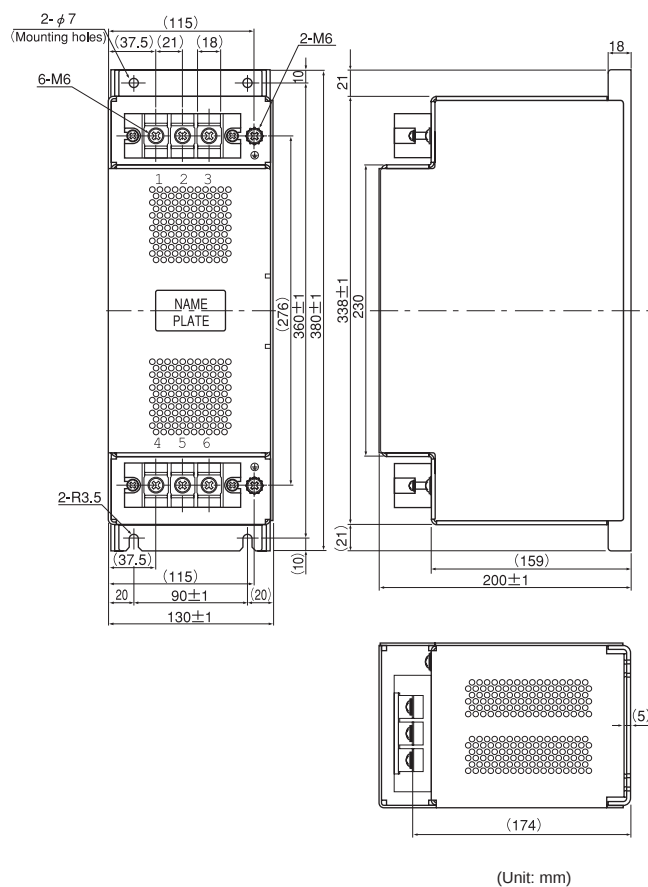
■ MX13030



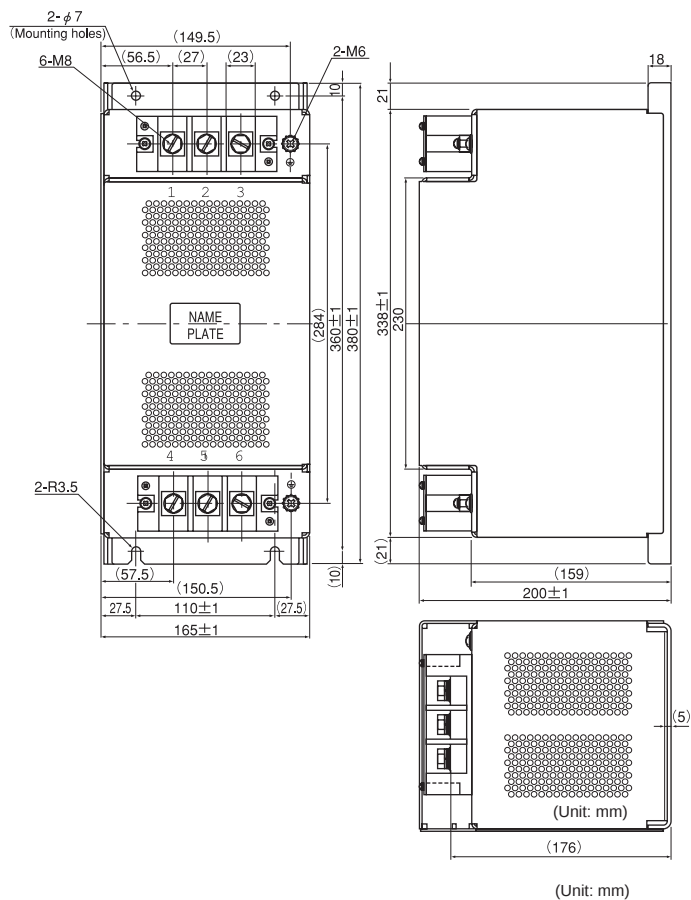
■ MX13050



■ MX13100



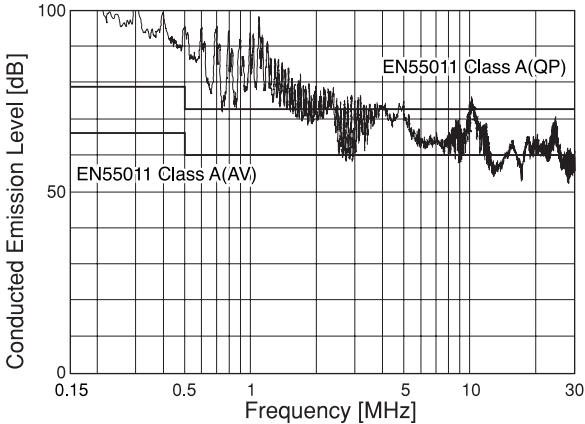
■ MX13150



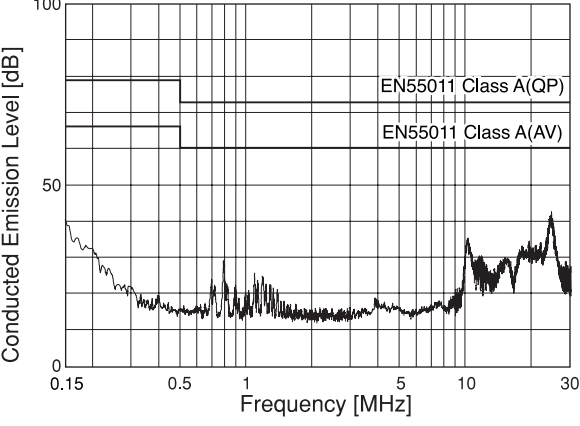
CHARACTERISTICS

■ Conduction Emission ■ Characteristics

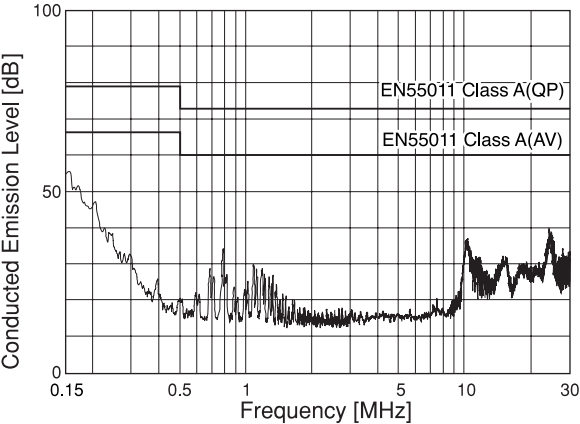
● Machine with Servo Driver



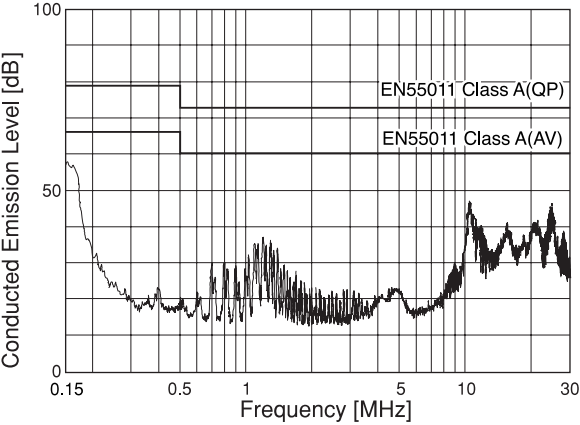
● Machine with Servo Driver + MX13030



● Machine with Servo Driver + MX13050



● Machine with Servo Driver + MX13150



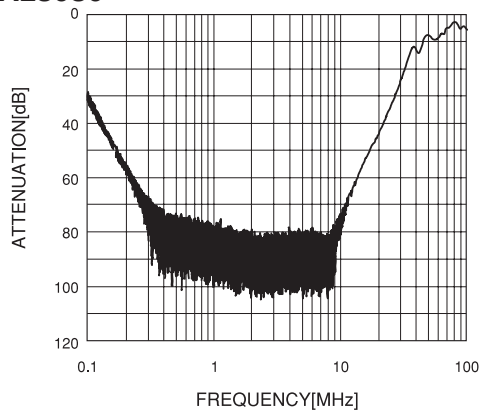
Noise Filter

CHARACTERISTICS

■ Attenuation Characteristic (typical)

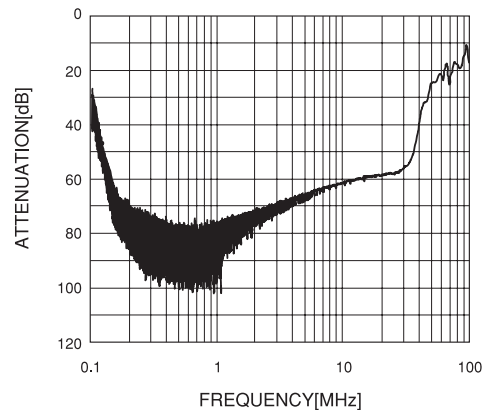
(1) Asymmetrical

MX13030

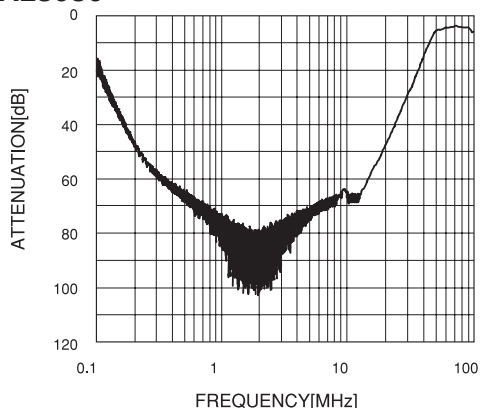


(2) Symmetrical

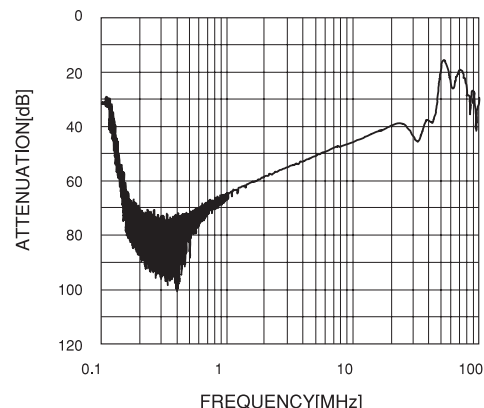
MX13030



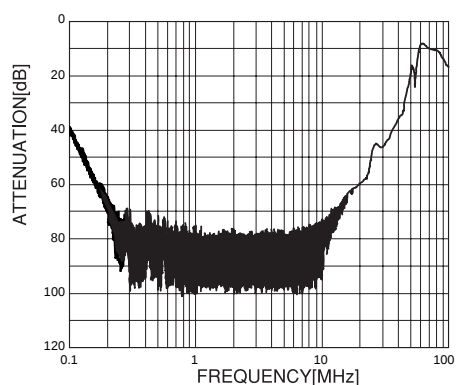
MX13050



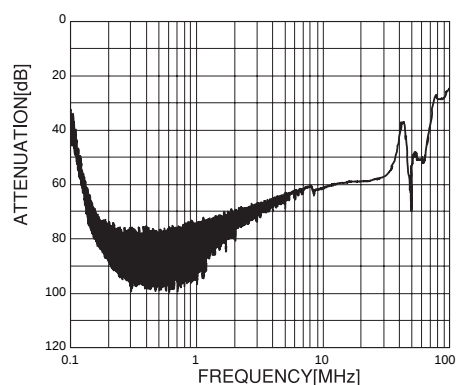
MX13050



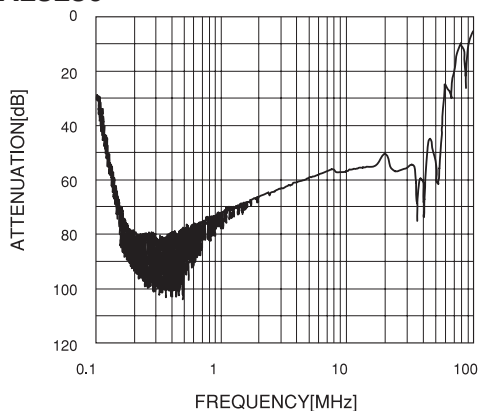
MX13100



MX13100



MX13150



MX13150

