MXB Series

6A to 30A, 250VAC EMI Filters





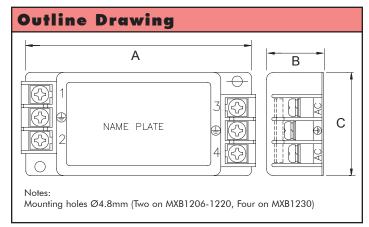
Features

- ◆ Two Stage for High Attenuation
- ◆ Screw Terminals with Cover
- ◆ Improved Performance over MB Series

| Specifications | | | | | | | | | |
|-------------------------------|----|--|------------|------------|------------|--|--|--|--|
| MODELS | | MXB1206-33 | MXB1210-33 | MXB1220-33 | MXB1230-33 | | | | |
| ITEMS | | | | | | | | | |
| Rated Voltage (AC,DC) | V | 250V | | | | | | | |
| Rated Current (AC,DC) (1) | Α | 6 | 10 | 20 | 30 | | | | |
| Test Voltage | V | 2500V (20mA) at 25°C, 70% RH | | | | | | | |
| (terminal to case, AC 1 min.) | | | | | | | | | |
| Isolation Resistance | Ω | 100MΩ min. at 25°C, 70% RH | | | | | | | |
| (terminal to case, 500VDC) | | | | | | | | | |
| Leakage Current | - | 125V, 60Hz, 0.5mA max.; 250V, 60Hz, 1.0mA max. | | | | | | | |
| DC Resistance | mΩ | 300 max. | 100 max. | 20 max. | 10 max. | | | | |
| Temperature Rise | °C | 35°C max. 40°C max. | | | | | | | |
| Operating Temperature (1) | °C | -25 to +85°C | | | | | | | |
| Operating Humidity | % | 30% to 90% RH (non-condensing) | | | | | | | |
| Storage Temperature | °C | -30 to +85°C | | | | | | | |
| Storage Humidity | % | 10% to 95% RH (non-condensing) | | | | | | | |
| Vibration | - | Sweep:10-55-10Hz (1min.), Amplitude 1.5mm X, Y, and Z axes, 2 hours each | | | | | | | |
| Safety Standard | - | Approved by UL1283, CSA C22.2 No.8 (C-UL), EN133200 (VDE0565) | | | | | | | |

Notes

- (1) Value at Ta \leq 50°C. Refer to the derating curve at Ta > 50°C.
- (2) Value at Ta ≤ 45°C. Refer to the derating curve at Ta > 45°C.
- (3) See Derating Curve.



| Dimensions | | | | | | | | |
|----------------|-----|----|----|------------|--|--|--|--|
| L x H x W (mm) | | | | | | | | |
| Model | A | В | C | Weight (g) | | | | |
| MXB1206-33 | 111 | 26 | 47 | 220 | | | | |
| MXB1210-33 | 121 | 30 | 47 | 310 | | | | |
| MXB1220-33 | 151 | 35 | 52 | 530 | | | | |
| MXB1230-33 | 151 | 35 | 67 | 660 | | | | |
| | | | | | | | | |