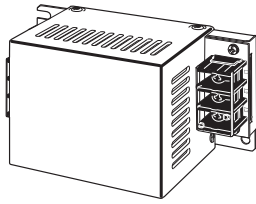
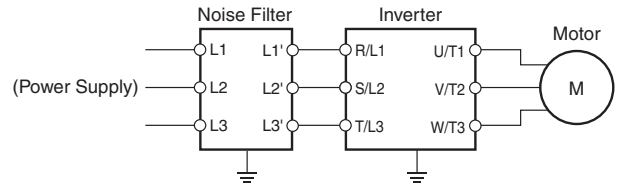


Input Noise Filter 3G3AX-NFI□□

Reduces noise coming into the inverter from the power supply line and noise flowing from the inverter into the power supply line. Connect as close to the Inverter as possible.



Connection Example



Specifications

Power supply	Model	Inverter model	Rated input current I _N (A) at an ambient temperature of 50°C	Power loss (W)	Leakage current (mA/phase) at 60 Hz
3-phase 200 VAC	3G3AX-NFI21	3G3MX2-A2001-V1	3 × 6 A	3	< 1.5 (250 V)
	3G3AX-NFI21	3G3MX2-A2002-V1	3 × 6 A	3	< 1.5 (250 V)
	3G3AX-NFI21	3G3MX2-A2004-V1	3 × 6 A	3	< 1.5 (250 V)
	3G3AX-NFI22	3G3MX2-A2007-V1	3 × 10 A	4	< 1.5 (250 V)
	3G3AX-NFI23	3G3MX2-A2015-V1	3 × 20 A	6	< 1.5 (250 V)
	3G3AX-NFI23	3G3MX2-A2022-V1	3 × 20 A	6	< 1.5 (250 V)
	3G3AX-NFI24	3G3MX2-A2037-V1	3 × 30 A	9	< 1.5 (250 V)
	3G3AX-NFI25	3G3MX2-A2055-V1	3 × 40 A	12	< 1.5 (250 V)
	3G3AX-NFI26	3G3MX2-A2075-V1	3 × 60 A	17	< 1.5 (250 V)
1-phase 200 VAC	3G3AX-NFI27	3G3MX2-A2110-V1	3 × 80 A	21	< 1.5 (250 V)
	3G3AX-NFI21	3G3MX2-AB001-V1	3 × 6 A	3	< 1.5 (250 V)
	3G3AX-NFI21	3G3MX2-AB002-V1	3 × 6 A	3	< 1.5 (250 V)
	3G3AX-NFI22	3G3MX2-AB004-V1	3 × 10 A	4	< 1.5 (250 V)
	3G3AX-NFI23	3G3MX2-AB007-V1	3 × 20 A	6	< 1.5 (250 V)
	3G3AX-NFI24 3G3AX-NFI23*	3G3MX2-AB015-V1	3 × 30 A 3 × 20 A	9 6	< 1.5 (250 V)
3-phase 400 VAC	3G3AX-NFI24	3G3MX2-AB022-V1	3 × 30 A	9	< 1.5 (250 V)
	3G3AX-NFI41	3G3MX2-A4004-V1	3 × 7 A	2	< 7.5 (480 V)
	3G3AX-NFI41	3G3MX2-A4007-V1	3 × 7 A	2	< 7.5 (480 V)
	3G3AX-NFI41	3G3MX2-A4015-V1	3 × 7 A	2	< 7.5 (480 V)
	3G3AX-NFI42	3G3MX2-A4022-V1	3 × 10 A	4	< 7.5 (480 V)
	3G3AX-NFI42	3G3MX2-A4030-V1	3 × 10 A	4	< 7.5 (480 V)
	3G3AX-NFI43	3G3MX2-A4040-V1	3 × 20 A	6	< 7.5 (480 V)
	3G3AX-NFI43	3G3MX2-A4055-V1	3 × 20 A	6	< 7.5 (480 V)
	3G3AX-NFI44	3G3MX2-A4075-V1	3 × 30 A	9	< 7.5 (480 V)
	3G3AX-NFI45	3G3MX2-A4110-V1	3 × 40 A	12	< 7.5 (480 V)
	3G3AX-NFI46	3G3MX2-A4150-V1	3 × 50 A	15	< 7.5 (480 V)

* With the 3G3AX-NFI23, only the CT rating is supported.

Model	Case enclosure rating	Terminal size	Wire dia.	Weight (kg)
3G3AX-NFI21	Plastic, IP00	M4	1.25 mm ²	0.5
3G3AX-NFI22	Plastic, IP00	M4	2 mm ²	0.6
3G3AX-NFI23	Plastic, IP00	M4	2 mm ² , 3.5 mm ²	0.7
3G3AX-NFI24	Plastic, IP00	M4	5.5 mm ²	0.8
3G3AX-NFI25	Plastic, IP00	M5	8 mm ²	1.4
3G3AX-NFI26	Plastic, IP00	M5	14 mm ²	1.8
3G3AX-NFI27	Metal, IP00	M6	22 mm ²	3.6
3G3AX-NFI41	Plastic, IP00	M4	1.25 mm ² , 2 mm ²	0.7
3G3AX-NFI42	Plastic, IP00	M4	2 mm ²	0.7
3G3AX-NFI43	Plastic, IP00	M4	2 mm ² , 3.5 mm ²	0.7
3G3AX-NFI44	Plastic, IP00	M4	5.5 mm ²	0.8
3G3AX-NFI45	Plastic, IP00	M5	8 mm ²	1.4
3G3AX-NFI46	Plastic, IP00	M5	14 mm ²	1.6

Note: Select options by the maximum applicable motor capacity of heavy and light load rating.