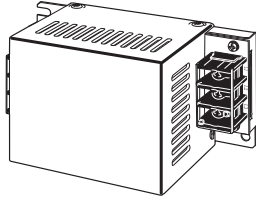


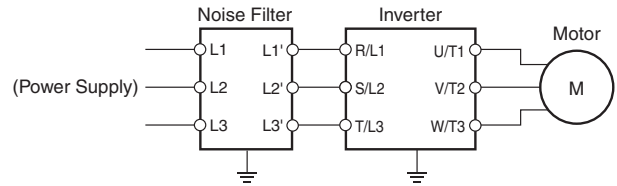
High-function General-purpose Inverters RX-Series V1 type

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



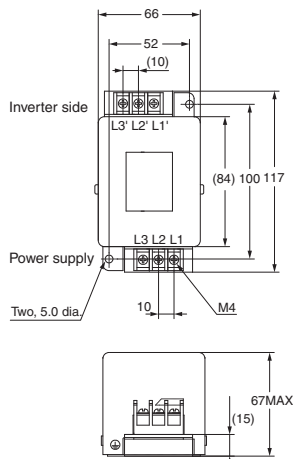
Specifications

Voltage class	Max. applicable motor capacity (kw)	Model	Max. input voltage	Rated input current (at 50°C)	Heat generation (W)	Leakage current at 60 Hz	Case enclosure rating	Terminal size	Wire diameter	Weight (kg)
200 V class	0.4, 0.75	3G3AX-NFI21	250V AC +10%	6A	3	1.5mA MAX (250V AC)	Plastic, IP00	M4	1.25 mm ²	0.5
	1.5	3G3AX-NFI22		10A	4		Plastic, IP00	M4	2 mm ²	0.6
	2.2, 3.7	3G3AX-NFI23		20A	6		Plastic, IP00	M4	2 mm ² , 3.5 mm ²	0.7
	5.5	3G3AX-NFI24		30A	9		Plastic, IP00	M4	5.5 mm ²	0.8
	7.5	3G3AX-NFI25		40A	12		Plastic, IP00	M5	8 mm ²	1.4
	11	3G3AX-NFI26		60A	17		Plastic, IP00	M5	14 mm ²	1.8
	15	3G3AX-NFI27		80A	21		Metal, IP00	M6	22 mm ²	3.6
	18.5	3G3AX-NFI28		100A	23		Metal, IP00	M8	30 mm ²	4.6
	22, 30	3G3AX-NFI29		150A	45		Metal, IP00	M8	38 mm ² , 60 mm ²	9.0
	37	3G3AX-NFI2A		200A	50		Metal, IP00	M10	100 mm ² or 38 mm ² , 2 wires parallel	16
	45	3G3AX-NFI2B		250A	68		Metal, IP00	M10	100 mm ² or 38 mm ² , 2 wires parallel	16
	55	3G3AX-NFI2C		300A	56		Metal, IP00	M10	150 mm ² or 60 mm ² , 2 wires parallel	23
400 V class	0.4 to 2.2	3G3AX-NFI41	480V AC +10%	7A	2	7.5mA MAX (480V AC)	Plastic, IP00	M4	1.25 mm ² , 2 mm ²	0.7
	3.7	3G3AX-NFI42		10A	4		Plastic, IP00	M4	2 mm ²	0.7
	5.5, 7.5	3G3AX-NFI43		20A	6		Plastic, IP00	M4	2 mm ² , 3.5 mm ²	0.7
	11	3G3AX-NFI44		30A	9		Plastic, IP00	M4	5.5 mm ²	0.8
	15	3G3AX-NFI45		40A	12		Plastic, IP00	M5	8 mm ²	1.4
	18.5	3G3AX-NFI46		50A	15		Plastic, IP00	M5	14 mm ²	1.6
	22	3G3AX-NFI47		60A	17		Plastic, IP00	M5	14 mm ²	1.8
	30	3G3AX-NFI48		80A	21		Metal, IP00	M6	22 mm ²	3.6
	37	3G3AX-NFI49		100A	23		Metal, IP00	M8	38 mm ²	4.6
	45, 55	3G3AX-NFI4A		150A	45		Metal, IP00	M8	38 mm ² , 60 mm ²	9.0

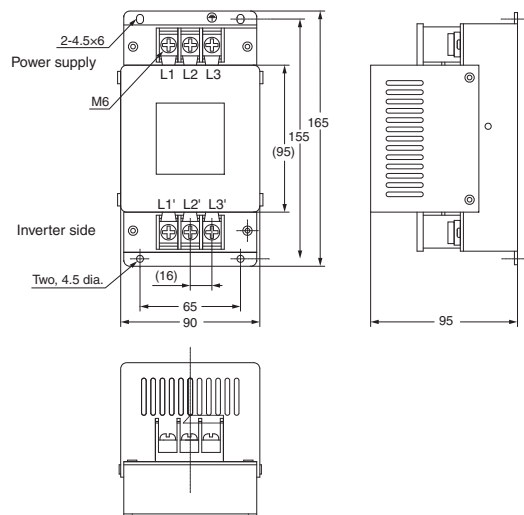
Note: Select options by the maximum applicable motor capacity of heavy and light load rating.

Dimensions (Unit: mm)

3G3AX-NFI21
3G3AX-NFI22

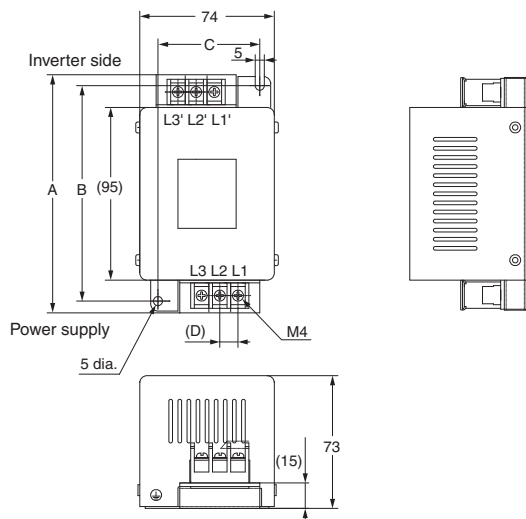


3G3AX-NFI25/3G3AX-NFI26
3G3AX-NFI45/3G3AX-NFI46
3G3AX-NFI47



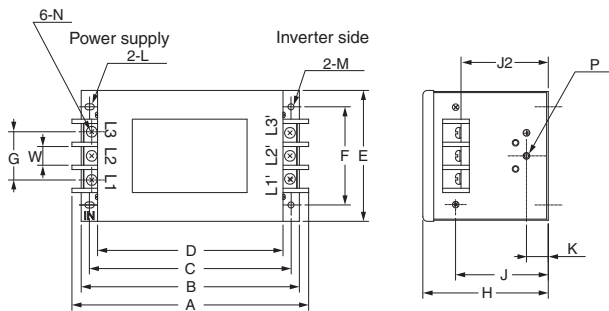
High-function General-purpose Inverters RX-Series V1 type

3G3AX-NFI23/3G3AX-NFI24
3G3AX-NFI41/3G3AX-NFI42
3G3AX-NFI43/3G3AX-NFI44



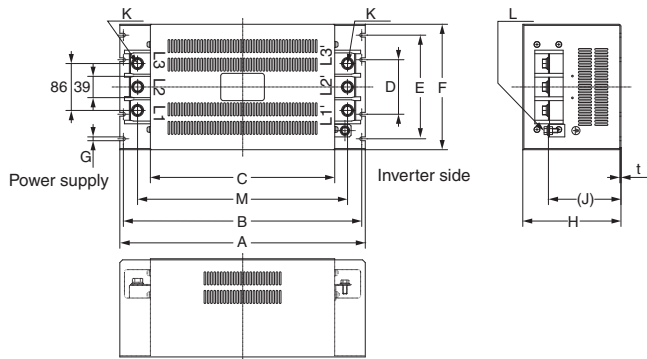
Model	Dimensions (mm)			
	A	B	C	D
3G3AX-NFI23	128	118	56	10
3G3AX-NFI24	144	130	56	11
3G3AX-NFI41	144	130	56	11
3G3AX-NFI42	144	130	56	11
3G3AX-NFI43	144	130	56	11
3G3AX-NFI44	144	130	56	11

3G3AX-NFI27/3G3AX-NFI28
3G3AX-NFI29/3G3AX-NFI48
3G3AX-NFI49/3G3AX-NFI4A



Model	Dimensions (mm)															
	A	B	C	D	E	F	G	H	J	J2	K	L	M	N	P	W
3G3AX-NFI27	217	200	185	170	120	90	44	115	85	82	20	R2.75 Length 7	5.5 dia.	M6	M4	17
3G3AX-NFI28	254	230	215	200	150	120	57	115	80	75	30	R3.75 Length 8	6.5 dia.	M8	M6	23
3G3AX-NFI29	314	300	280	260	200	170	57	130	90	85	35	R3.75 Length 8	6.5 dia.	M8	M6	23
3G3AX-NFI48	217	200	185	170	120	90	44	115	85	82	20	R2.75 Length 7	5.5 dia.	M6	M4	17
3G3AX-NFI49	254	230	215	200	150	120	57	115	80	75	30	R3.75 Length 8	6.5 dia.	M8	M6	23
3G3AX-NFI4A	314	300	280	260	200	170	57	130	90	85	35	R3.75 Length 8	6.5 dia.	M8	M6	23

3G3AX-NFI2A/3G3AX-NFI2B
3G3AX-NFI2C



Model	Dimensions (mm)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
3G3AX-NFI2A	450	430	338	100	190	230	7	180	(133)	M10	M8	385	1.0
3G3AX-NFI2B	500	475	400	-	160	200	12	180	(133)	M10	M8	445	1.2
3G3AX-NFI2C													