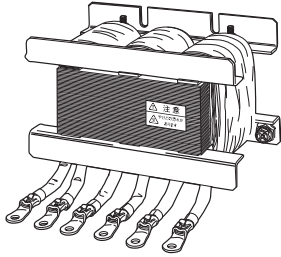


Multi-function Compact Inverter MX2-Series V2 type

AC Reactor (3G3AX-AL□□□□)

Use these reactors to suppress harmonics generated from the inverter.



Specifications

Inverter						AC reactor specifications						
Voltage class	Max. applicable motor capacity [kW]	Model	Normal/Light load mode	Max. applicable motor capacity [kW]	Rated input current [A]	Model	Inductance [mH]	Heat generation [W]	Operating ambient temperature/humidity	Location		
3-phase 200-V class	0.1	3G3MX2-A2001-V2	Normal load	0.1	1.0	3G3AX-AL2025	2.8	12	-10 to 50°C 20% to 90%	At an altitude of 1,000 m max.; indoors (without corrosive gases or dust)		
			Light load	0.2	1.2							
	0.2	3G3MX2-A2002-V2	Normal load	0.2	1.6							
			Light load	0.4	1.9							
	0.4	3G3MX2-A2004-V2	Normal load	0.4	3.3							
			Light load	0.75	3.9							
	0.75	3G3MX2-A2007-V2	Normal load	0.75	6.0	3G3AX-AL2055	0.88	25				
			Light load	1.1	7.2							
	1.5	3G3MX2-A2015-V2	Normal load	1.5	9.0	3G3AX-AL2110	0.35	50				
			Light load	2.2	10.8							
	2.2	3G3MX2-A2022-V2	Normal load	2.2	12.7							
			Light load	3.0	13.9							
	3.7	3G3MX2-A2037-V2	Normal load	3.7	20.5							
			Light load	5.5	23.0							
	5.5	3G3MX2-A2055-V2	Normal load	5.5	30.8	3G3AX-AL2220	0.18	50				
			Light load	7.5	37.0							
	7.5	3G3MX2-A2075-V2	Normal load	7.5	39.6							
			Light load	11	48.0							
	11	3G3MX2-A2110-V2	Normal load	11	57.1							
			Light load	15	68.0							
	15	3G3MX2-A2150-V2	Normal load	15	62.6	3G3AX-AL2330	0.09	85				
			Light load	18.5	72.0							
Single-phase 200-V Class	0.1	3G3MX2-AB001-V2	Normal load	0.1	1.3	3G3AX-AL2025	2.8	12	-10 to 50°C 20% to 90%	At an altitude of 1,000 m max.; indoors (without corrosive gases or dust)		
			Light load	0.2	2.0							
	0.2	3G3MX2-AB002-V2	Normal load	0.2	3.0							
			Light load	0.4	3.6							
	0.4	3G3MX2-AB004-V2	Normal load	0.4	6.3	3G3AX-AL2055	0.88	25				
			Light load	0.55	7.3							
	0.75	3G3MX2-AB007-V2	Normal load	0.75	11.5							
			Light load	1.1	13.8							
	1.5	3G3MX2-AB015-V2	Normal load	1.5	16.8	3G3AX-AL2110	0.35	50				
			Light load	2.2	20.2							
	2.2	3G3MX2-AB022-V2	Normal load	2.2	22.0							
			Light load	3.0	24.0							

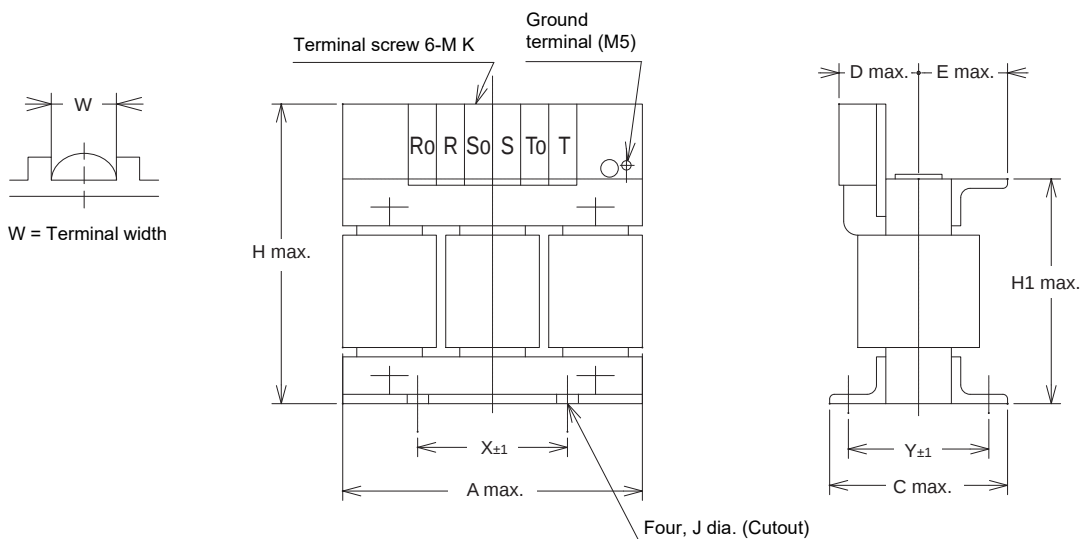
Multi-function Compact Inverter MX2-Series V2 type

Inverter						AC reactor specifications						
Voltage class	Max. applicable motor capacity [kW]	Model	Normal/Light load mode	Max. applicable motor capacity [kW]	Rated input current [A]	Model	Inductance [mH]	Heat generation [W]	Operating ambient temperature/humidity	Location		
3-phase 400-V class	0.4	3G3MX2-A4004-V2	Normal load	0.4	1.8	3G3AX-AL4025	7.7	12	-10 to 50°C 20% to 90%	At an altitude of 1,000 m max.; indoors (without corrosive gases or dust)		
			Light load	0.75	2.1							
	0.75	3G3MX2-A4007-V2	Normal load	0.75	3.6							
			Light load	1.5	4.3							
	1.5	3G3MX2-A4015-V2	Normal load	1.5	5.2	3G3AX-AL4055	3.5	25				
			Light load	2.2	5.9							
	2.2	3G3MX2-A4022-V2	Normal load	2.2	6.5							
			Light load	3.0	8.1							
	3.0	3G3MX2-A4030-V2	Normal load	3.0	7.7	3G3AX-AL4110	1.3	50				
			Light load	4.0	9.4							
	4.0	3G3MX2-A4040-V2	Normal load	4.0	11.0							
			Light load	5.5	13.3							
	5.5	3G3MX2-A4055-V2	Normal load	5.5	16.9	3G3AX-AL4220	0.74	60				
			Light load	7.5	20.0							
	7.5	3G3MX2-A4075-V2	Normal load	7.5	18.8	3G3AX-AL4330	0.36	90				
			Light load	11	24.0							
	11	3G3MX2-A4110-V2	Normal load	11	29.4							
			Light load	15	38.0							
	15	3G3MX2-A4150-V2	Normal load	15	35.9							
			Light load	18.5	44.0							

Dimensions (Unit: mm)

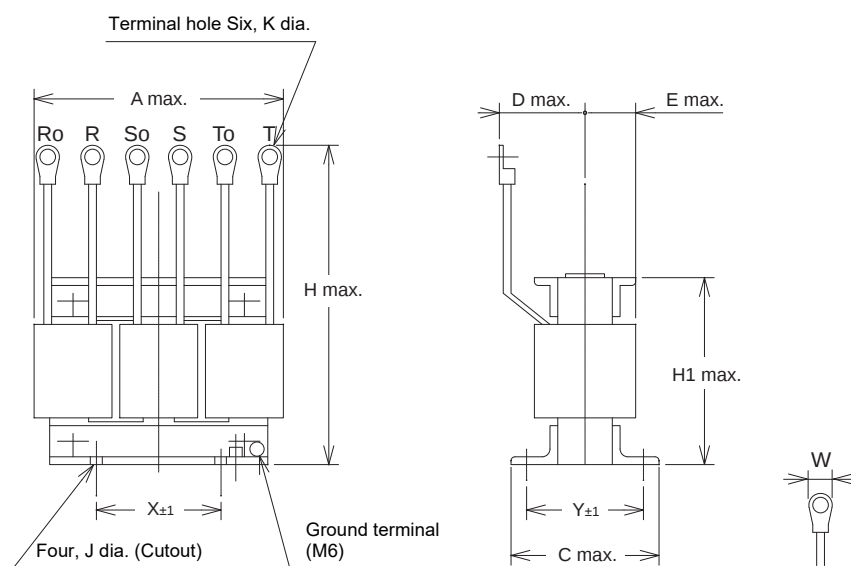
Inverter input power supply	Model	Applicable motor capacity [kW]	Dimensions [mm]											Weight [kg]
			A	C	D	E	H	H1	X	Y	J	K	W	
3-phase 200 VAC (Single-phase 200 VAC)	3G3AX-AL2025	0.1 to 1.5	120	82	60	40	150	94	50	67	6	4	9.5	2.8
	3G3AX-AL2055	2.2 to 3.7	120	98	60	40	150	94	50	75	6	4	9.5	4.0
	3G3AX-AL2110	5.5, 7.5	150	103	70	55	170	108	60	80	6	5.3	12.0	5.0
	3G3AX-AL2220	11, 15	180	113	75	55	190	140	90	90	6	8.4	16.5	10.0
	3G3AX-AL2330	18.5	180	113	85	60	230	140	125	90	6	8.4	22.0	11.0
3-phase 400 VAC	3G3AX-AL4025	0.4 to 1.5	130	82	60	40	150	94	50	67	6	4	9.5	2.7
	3G3AX-AL4055	2.2, 3.7	130	98	60	40	150	94	50	75	6	5	12.5	4.0
	3G3AX-AL4110	5.5, 7.5	150	116	75	55	170	106	60	98	6	5	12.5	6.0
	3G3AX-AL4220	11, 15	180	103	75	55	190	140	100	80	6	5.3	12.0	10.0
	3G3AX-AL4330	18.5	180	123	85	60	230	140	100	100	6	6.4	16.5	11.5

3G3AX-AL2025/AL2055/AL4025/AL4055/AL4110



Multi-function Compact Inverter MX2-Series V2 type

3G3AX-AL2110/AL2220/AL2330/AL4220/AL4330



Connection Examples

