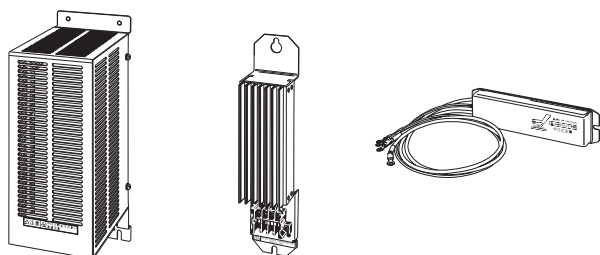


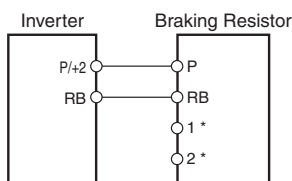
High-function General-purpose Inverters RX-Series V1 type

Braking Resistor 3G3AX-RBA/-RBB/-RBC□□□□

Consumes the regenerative motor energy with a resistor to reduce deceleration time.



Connection Example



* The alarm output terminals for the Braking Resistor.
Provide a circuit to turn off the primary power supply for the Inverter when the temperature relay of the Braking Resistor is activated.

Specifications

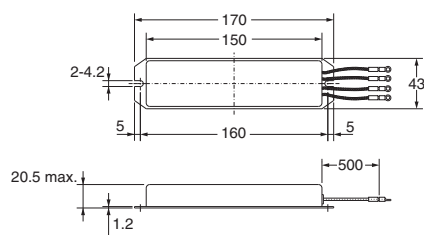
Model		Compact type (3G3AX-RBA□□□□)				Standard type (3G3AX-RBB□□□□)				Medium capacity type (3G3AX-RBC□□□□)		
		1201	1202	1203	1204	2001	2002	3001	4001	4001	6001	12001
Resistance	Capacity	120 W				200 W		300 W	400 W	400 W	600 W	1200 W
	Resistance (Ω)	180	100	50	35	180	100	50	35	50	35	17
Allowable brakingfrequency (%)		5	2.5	1.5	1.0	10	7.5	7.5	7.5	10		
Allowable continuousbraking time (s)		20	12	5	3	30			20	10		
Weight (kg)		0.27				0.97		1.68	2.85	2.5	3.6	6.5
Fault detection function		Built-in thermal (Contact capacity: 240 V AC 2 A max.) Minimum current: 5 mA, Normally ON (NC contact) Built-in temperature fuse (recovery impossible)							Built-in temperature relay, Normally ON (NC contact) Contact capacity:240 V AC 3 A (R load), 0.2 A (L load), 36 V DC 2 A (R load)			
General specifications	Ambient operating temperature	−10 to 50°C										
	Ambient storage temperature	−20 to 65°C										
	Ambient operating humidity	20% to 90% (RH) with no condensation										
	Vibration	5.9 m/s (0.6 G) 10 to 55 Hz Complies with JISC0911										
	Location	At a maximum altitude of 1,000 m (without corrosive gases or dust)										
	Cooling method	Self-cooling										

* Built-in resistors are equipped with thermal fuses. If the alarm is not connected, the fuse may blow to prevent burnout due to overheating. If the fuse blows, the built-in resistor will need to be replaced.

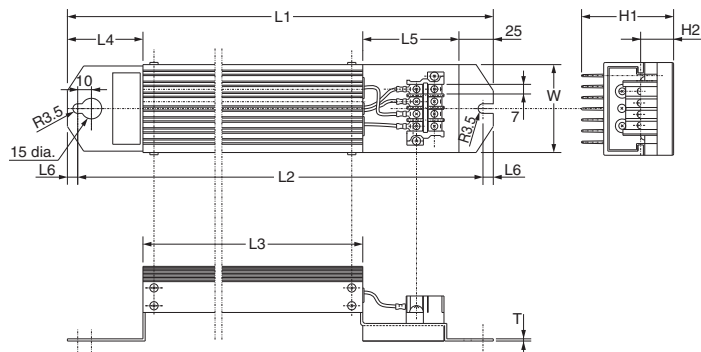
High-function General-purpose Inverters RX-Series V1 type

Dimensions (Unit: mm)

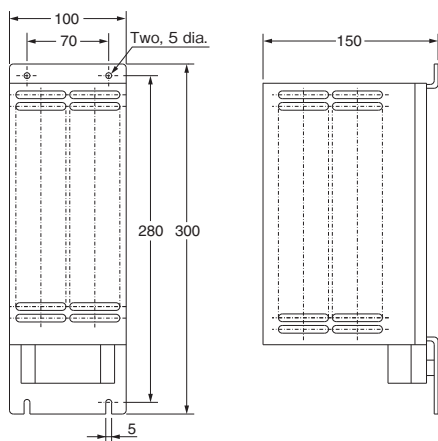
3G3AX-RBA



3G3AX-RBB



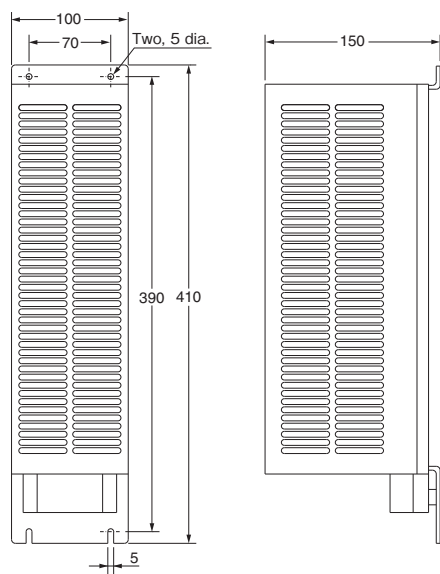
3G3AX-RBC4001



Model	Dimensions (mm)					
	L1	L2	L3	L4	L5	L6
3G3AX-RBB2001	310	295	160	55	70	7.5
3G3AX-RBB2002	310	295	160	55	70	7.5
3G3AX-RBB3001	470	455	320	55	70	7.5
3G3AX-RBB4001	435	422	300	50	60	6.5

Model	Dimensions (mm)				Weight (kg)	Screw size
	H1	H2	W	T		
3G3AX-RBB2001	67	12	64	1.6	0.97	M3.5
3G3AX-RBB2002	67	12	64	1.6	0.97	
3G3AX-RBB3001	67	12	64	1.6	1.68	
3G3AX-RBB4001	94	15	76	2	2.85	

3G3AX-RBC6001



3G3AX-RBC12001

