

Product Discontinuation Notices

Frequency Inverters

September 3, 2012

No. 2011123E(2)

Discontinuation Notice of High-functions General-purpose Inverter 3G3RV Series

«Declination and Request»

There was modification in portion of Product Discontinuation notices of Product News No.2011123E of April 2011 issue. What we have changed is **[Product Discontinuation and recommended replacement]**. Please abolish old edition, replace the latest No. 2011123E(2).

Product Discontinuation

High-function General-purpose Inverter



3G3RV-□□□□□□-V1



Recommended Replacement

High-function General-purpose Inverter

3G3RX-□□□□□□

[Discontinuation date]

The end of March, 2012

[Caution on recommended replacement]

Dimensions and mounting dimensions are different.

Operability of operator is changed.

Options of 3G3RV Series inverter are discontinued at the end of March, 2012, too.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
3G3RX-□□□□□□	-	-	*	-	**	**	*

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommendable replacement
3G3RV-A2004-V1	3G3RX-A2004
3G3RV-A2007-V1	3G3RX-A2007
3G3RV-A2015-V1	3G3RX-A2015
3G3RV-A2022-V1	3G3RX-A2022
3G3RV-A2037-V1	3G3RX-A2037
3G3RV-A2055-V1	3G3RX-A2055
3G3RV-A2075-V1	3G3RX-A2075
3G3RV-A2110-V1	3G3RX-A2110
3G3RV-A2150-V1	3G3RX-A2150
3G3RV-A2185-V1	3G3RX-A2185
3G3RV-B2220-V1	3G3RX-A2220
3G3RV-B2300-V1	3G3RX-A2300
3G3RV-B2370-V1	3G3RX-A2370
3G3RV-B2450-V1	3G3RX-A2450
3G3RV-B2550-V1	3G3RX-A2550
3G3RV-B2750-V1	None
3G3RV-B2900-V1	None
3G3RV-B211K-V1	None
3G3RV-A4004-V1	3G3RX-A4004
3G3RV-A4007-V1	3G3RX-A4007
3G3RV-A4015-V1	3G3RX-A4015
3G3RV-A4022-V1	3G3RX-A4022
3G3RV-A4037-V1	3G3RX-A4037
3G3RV-A4055-V1	3G3RX-A4055
3G3RV-A4075-V1	3G3RX-A4075
3G3RV-A4110-V1	3G3RX-A4110
3G3RV-A4150-V1	3G3RX-A4150
3G3RV-A4185-V1	3G3RX-A4185
3G3RV-B4220-V1	3G3RX-A4220
3G3RV-B4300-V1	3G3RX-A4300
3G3RV-B4370-V1	3G3RX-A4370
3G3RV-B4450-V1	3G3RX-A4450
3G3RV-B4550-V1	3G3RX-A4550
3G3RV-B4750-V1	3G3RX-B4750
3G3RV-B4900-V1	3G3RX-B4900
3G3RV-B411K-V1	3G3RX-B411K
3G3RV-B413K-V1	3G3RX-B413K
3G3RV-B416K-V1	None
3G3RV-B418K-V1	None
3G3RV-B422K-V1	None
3G3RV-B430K-V1	None
3G3RV-PFAN001	None
3G3RV-PFAN002	None
3G3RV-PFAN003	None
3G3RV-PFAN004	None
3G3RV-PFAN005	None
3G3RV-PFAN006	None
3G3RV-PFAN007	None
3G3RV-PFAN008	None
3G3RV-PFAN009	None
3G3RV-PFAN010	None
3G3RV-PFAN011	None
3G3RV-PFAN012	None
3G3RV-PFAN013	None
3G3RV-PFAN014	None
3G3RV-PFAN015	None
3G3RV-PFAN017	None
3G3RV-PFAN018	None

Product discontinuation	Recommendable replacement
3G3RV-PFAN019	None
3G3RV-PFAN022	None
3G3RV-PFN3359-250-28	Please select a RX model which meets required specifications.
3G3RV-PFS5972-10-07	Please select a RX model which meets required specifications.
3G3RV-PFS5972-130-35	Please select a RX model which meets required specifications.
3G3RV-PFS5972-170-40	Please select a RX model which meets required specifications.
3G3RV-PFS5972-18-07	Please select a RX model which meets required specifications.
3G3RV-PFS5972-35-07	Please select a RX model which meets required specifications.
3G3RV-PFS5972-410-99	Please select a RX model which meets required specifications.
3G3RV-PFS5972-60-07	Please select a RX model which meets required specifications.
3G3RV-PFS5972-600-99	Please select a RX model which meets required specifications.
3G3RV-PFS5972-70-52	Please select a RX model which meets required specifications.
3G3RV-PFS5972-800-99	Please select a RX model which meets required specifications.
3G3RV-PFS5973-100-07	Please select a RX model which meets required specifications.
3G3RV-PFS5973-130-35	Please select a RX model which meets required specifications.
3G3RV-PFS5973-160-40	Please select a RX model which meets required specifications.
3G3RV-PFS5973-240-37	Please select a RX model which meets required specifications.
3G3RV-PFS5973-35-07	Please select a RX model which meets required specifications.
3G3RV-PFS5973-60-07	Please select a RX model which meets required specifications.
3G3IV-PAI14B	None
3G3IV-PAI14U	None
3G3IV-PAO08	None
3G3IV-PAO12	None
3G3IV-PCDBR2015B	Please select a RX model which meets required specifications.
3G3IV-PCDBR2022B	Please select a RX model which meets required specifications.
3G3IV-PCDBR2110B	Please select a RX model which meets required specifications.
3G3IV-PCDBR4030B	Please select a RX model which meets required specifications.
3G3IV-PCDBR4045B	Please select a RX model which meets required specifications.
3G3IV-PCDBR4220B	Please select a RX model which meets required specifications.
3G3IV-PCN121	Please select a RX model which meets required specifications.
3G3IV-PCN126	3G3AX-OPCN1
3G3IV-PCN321	None
3G3IV-PCN326	3G3AX-OPCN3
3G3IV-PDI08	None
3G3IV-PERF150WJ101	Please select a RX model which meets required specifications.
3G3IV-PERF150WJ201	Please select a RX model which meets required specifications.
3G3IV-PERF150WJ301	Please select a RX model which meets required specifications.
3G3IV-PERF150WJ401	Please select a RX model which meets required specifications.
3G3IV-PERF150WJ620	Please select a RX model which meets required specifications.
3G3IV-PERF150WJ700	Please select a RX model which meets required specifications.
3G3IV-PERF150WJ751	Please select a RX model which meets required specifications.
3G3IV-PFAN001039	None
3G3IV-PFAN001041	None
3G3IV-PFAN001042	None
3G3IV-PFAN001044	None
3G3IV-PFAN001049	None
3G3IV-PFAN001052	None
3G3IV-PFAN001056	None
3G3IV-PFN258L10035	Please select a RX model which meets required specifications.
3G3IV-PFN258L13035	Please select a RX model which meets required specifications.
3G3IV-PFN258L18007	Please select a RX model which meets required specifications.
3G3IV-PFN258L4207	Please select a RX model which meets required specifications.
3G3IV-PFN258L5507	Please select a RX model which meets required specifications.
3G3IV-PFN258L7534	Please select a RX model which meets required specifications.
3G3IV-PFN359P25099	Please select a RX model which meets required specifications.
3G3IV-PFN359P30099	Please select a RX model which meets required specifications.
3G3IV-PFN359P40099	Please select a RX model which meets required specifications.
3G3IV-PFN359P50099	Please select a RX model which meets required specifications.
3G3IV-PFN359P60099	Please select a RX model which meets required specifications.

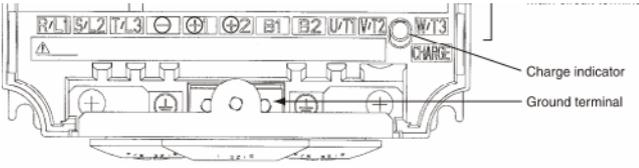
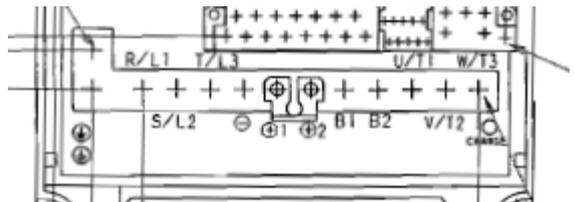
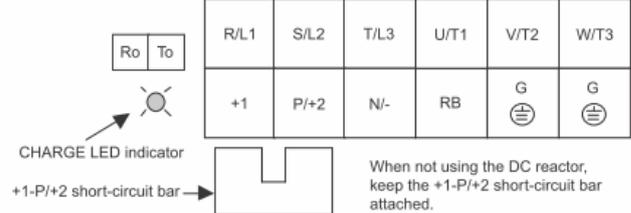
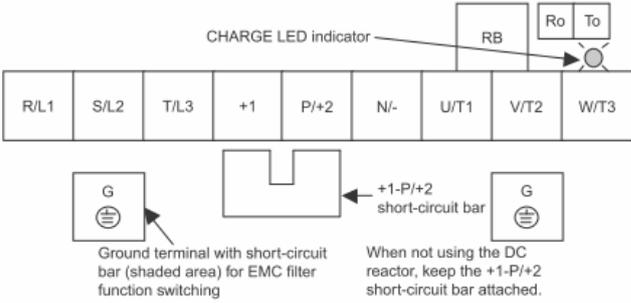
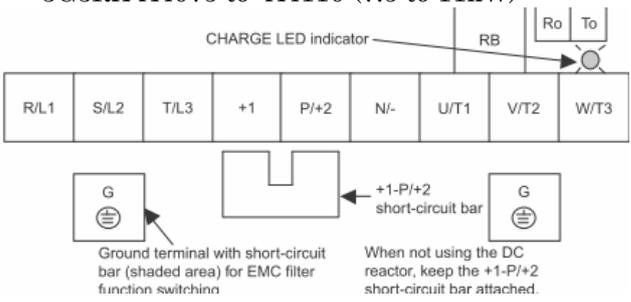
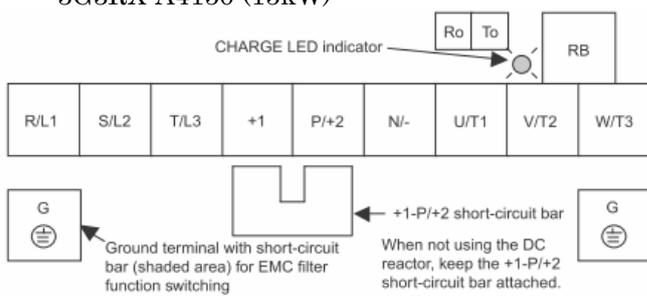
Product discontinuation	Recommendable replacement
3G3IV-PFN359P90099	Please select a RX model which meets required specifications.
3G3IV-PJVOP100	3G3AX-OP01
3G3IV-PJVOP160	None
3G3IV-PJVOP161	3G3AX-OP01
3G3IV-PJVOP951	None
3G3IV-PJVOP952	None
3G3IV-PJVOP961	None
3G3IV-PJVOP962	None
3G3IV-PJVOP963	None
3G3IV-PLF310KA	Please select a RX model which meets required specifications.
3G3IV-PLF310KB	Please select a RX model which meets required specifications.
3G3IV-PLF3110KB	Please select a RX model which meets required specifications.
3G3IV-PLF320KA	Please select a RX model which meets required specifications.
3G3IV-PLF320KB	Please select a RX model which meets required specifications.
3G3IV-PLF335KB	Please select a RX model which meets required specifications.
3G3IV-PLF345KB	Please select a RX model which meets required specifications.
3G3IV-PLF350KA	Please select a RX model which meets required specifications.
3G3IV-PLF375KB	Please select a RX model which meets required specifications.
3G3IV-PLKEB20P7	Please select a RX model which meets required specifications.
3G3IV-PLKEB2011	Please select a RX model which meets required specifications.
3G3IV-PLKEB2015	Please select a RX model which meets required specifications.
3G3IV-PLKEB2018	Please select a RX model which meets required specifications.
3G3IV-PLKEB2022	Please select a RX model which meets required specifications.
3G3IV-PLKEB21P5	Please select a RX model which meets required specifications.
3G3IV-PLKEB22P2	Please select a RX model which meets required specifications.
3G3IV-PLKEB23P7	Please select a RX model which meets required specifications.
3G3IV-PLKEB25P5	Please select a RX model which meets required specifications.
3G3IV-PLKEB27P5	Please select a RX model which meets required specifications.
3G3IV-PLKEB40P7	Please select a RX model which meets required specifications.
3G3IV-PLKEB4011	Please select a RX model which meets required specifications.
3G3IV-PLKEB4015	Please select a RX model which meets required specifications.
3G3IV-PLKEB4018	Please select a RX model which meets required specifications.
3G3IV-PLKEB4022	Please select a RX model which meets required specifications.
3G3IV-PLKEB4030	Please select a RX model which meets required specifications.
3G3IV-PLKEB4037	Please select a RX model which meets required specifications.
3G3IV-PLKEB4045	Please select a RX model which meets required specifications.
3G3IV-PLKEB41P5	Please select a RX model which meets required specifications.
3G3IV-PLKEB42P2	Please select a RX model which meets required specifications.
3G3IV-PLKEB43P7	Please select a RX model which meets required specifications.
3G3IV-PLKEB45P5	Please select a RX model which meets required specifications.
3G3IV-PLKEB47P5	Please select a RX model which meets required specifications.
3G3IV-PPO36F	None
3G3IV-PP0010	None
3G3IV-PP0020	None
3G3IV-PUZBAB 1.3A 18.0MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 10A 1.1MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 10A 2.2MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 120A 0.09MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 120A 0.18MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 15A 0.71MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 15A 1.42MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 150A 0.15MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 160A 0.07MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 2.5A 4.2MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 2.5A 8.4MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 2A 7.0MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 20A 0.53MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 20A 1.06MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 200A 0.05MH	Please select a RX model which meets required specifications.

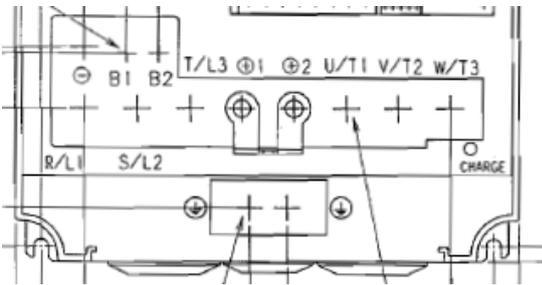
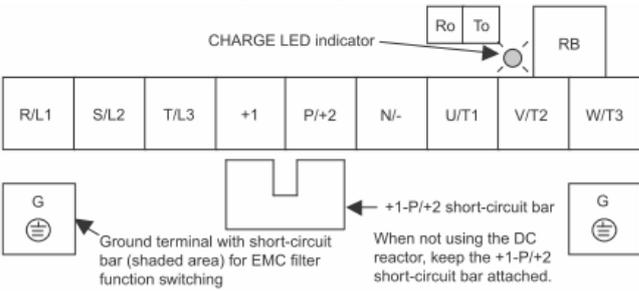
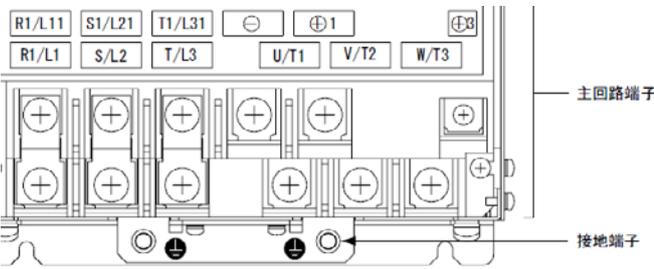
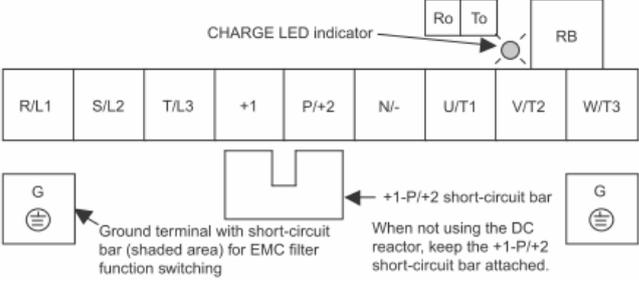
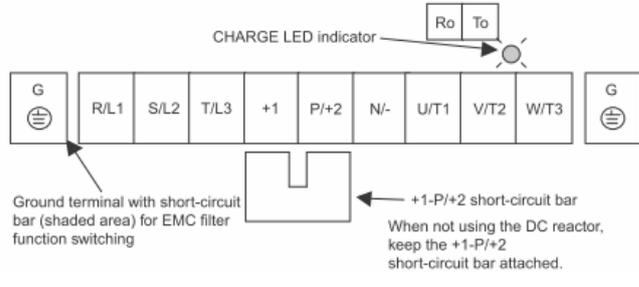
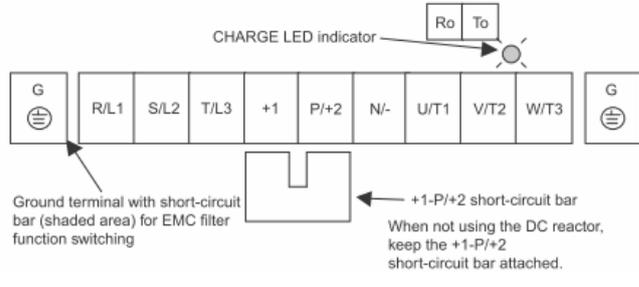
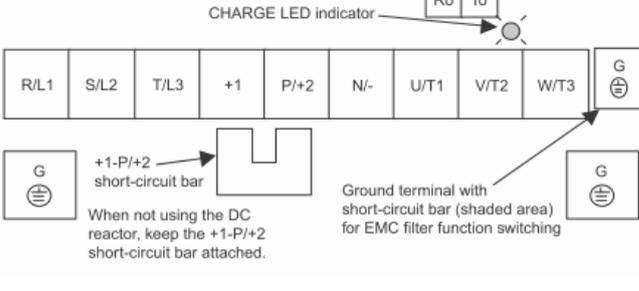
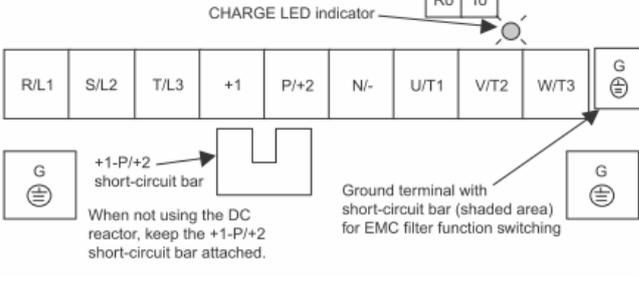
Product discontinuation	Recommendable replacement
3G3IV-PUZBAB 200A 0.11MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 240A 0.044MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 250A 0.09MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 280A 0.038MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 30A 0.35MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 30A 0.7MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 330A 0.06MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 360A 0.026MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 40A 0.265MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 40A 0.53MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 490A 0.04MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 5A 2.1MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 5A 4.2MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 50A 0.42MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 500A 0.02MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 60A 0.18MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 60A 0.36MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 660A 0.03MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 7.5A 3.6MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 80A 0.13MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 80A 0.26MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 90A 0.12MH	Please select a RX model which meets required specifications.
3G3IV-PUZBAB 90A 0.24MH	Please select a RX model which meets required specifications.
3G3IV-PWV103	None
3G3HV-PUZDAB 5.7A 11MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 3.2A 28MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 5.4A 8MH	Please select a RX model which meets required specifications.
3G3FV-PPGX2	None
3G3FV-PPGD2	None
3G3FV-PPGB2	None
3G3FV-PPGA2	None
3G3HV-PUZDAB 47A 1.3MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 90A 0.4MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 33A 1.9MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 23A 3.6MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 12A 6.3MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 72A 0.5MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 36A 1MH	Please select a RX model which meets required specifications.
3G3HV-PUZDAB 18A 3MH	Please select a RX model which meets required specifications.

[Body color]

Product discontinuation 3G3RV-□□□□□-V1	Recommendable replacement 3G3RX-□□□□□
Ivory	Black

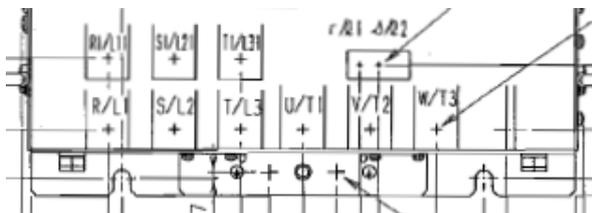
[Terminal arrangement / Wirings]

Product discontinuation 3G3RV-□□□□□-V1	Recommendable replacement 3G3RX-□□□□□
<p>Main circuit terminals 3G3RV-A2004-V1 to -A2055-V1 (0.4 to 5.5kW) 3G3RV-A4004-V1 to -A4055-V1 (0.4 to 5.5kW)</p>  <p>Charge indicator Ground terminal</p> <p>3G3RV-A2075-V1 to -A2110-V1 (7.5 to 11kW) 3G3RV-A4075-V1 to -A4150-V1 (7.5 to 15kW)</p> 	<p>Main circuit terminals 3G3RX-A2004 to -A2037 (0.4 to 3.7kW) 3G3RX-A4004 to -A4037 (0.4 to 3.7kW)</p>  <p>CHARGE LED indicator +1-P/+2 short-circuit bar</p> <p>When not using the DC reactor, keep the +1-P/+2 short-circuit bar attached.</p> <p>3G3RX-A2055 (5.5kW) 3G3RX-A4055 (5.5kW)</p>  <p>CHARGE LED indicator</p> <p>Ground terminal with short-circuit bar (shaded area) for EMC filter function switching</p> <p>When not using the DC reactor, keep the +1-P/+2 short-circuit bar attached.</p> <p>3G3RX-A2075 to -A2110 (7.5 to 11kW) 3G3RX-A4075 to -A4110 (7.5 to 11kW)</p>  <p>CHARGE LED indicator</p> <p>Ground terminal with short-circuit bar (shaded area) for EMC filter function switching</p> <p>When not using the DC reactor, keep the +1-P/+2 short-circuit bar attached.</p> <p>3G3RX-A4150 (15kW)</p>  <p>CHARGE LED indicator</p> <p>Ground terminal with short-circuit bar (shaded area) for EMC filter function switching</p> <p>When not using the DC reactor, keep the +1-P/+2 short-circuit bar attached.</p>

<p align="center">Product discontinuation 3G3RV-□□□□□-V1</p>	<p align="center">Recommendable replacement 3G3RX-□□□□□</p>
<p>3G3RV-A2150-V1 to -A2185-V1 (15 to 18.5kW) 3G3RV-A4185-V1 (18.5kW)</p> 	<p>3G3RX-A2150 to -A2185 (15 to 18.5kW) 3G3RX-A4185 (18.5kW)</p> 
<p>3G3RV-B2220-V1 to -B2300-V1 (22 to 30kW) 3G3RV-B4220-V1 to -B4550-V1 (22 to 55kW)</p> 	<p>3G3RX-A2220 (22kW) 3G3RX-A4220 (22kW)</p> 
<p>3G3RX-A2300 (30kW) 3G3RX-A4300 to -A4370 (30 to 37kW)</p> 	<p>3G3RX-A2300 (30kW) 3G3RX-A4300 to -A4370 (30 to 37kW)</p> 
<p>3G3RX-A4450 to -A4550 (45 to 55kW)</p> 	<p>3G3RX-A4450 to -A4550 (45 to 55kW)</p> 

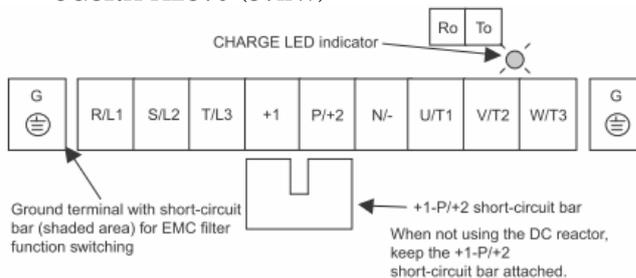
Product discontinuation
3G3RV-□□□□□-V1

3G3RV-B2370-V1 to -B211K-V1 (37 to 110kW)
3G3RV-B4750-V1 to -B416K-V1 (75 to 160kW)

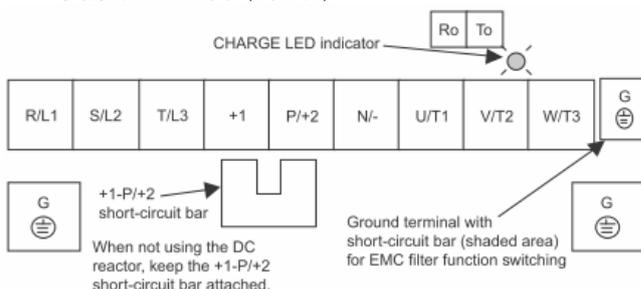


Recommendable replacement
3G3RX-□□□□□

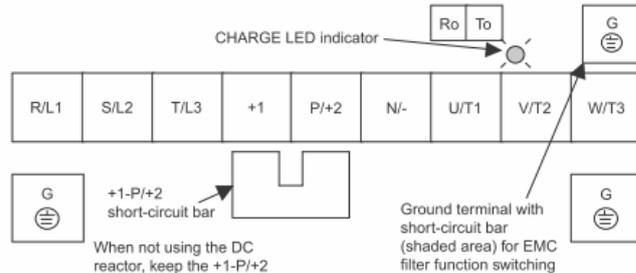
3G3RX-A2370 (37kW)



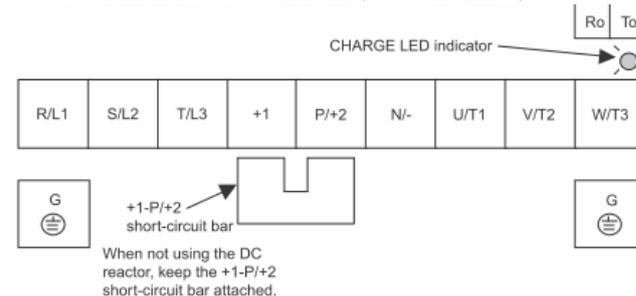
3G3RX-A2450 (45kW)



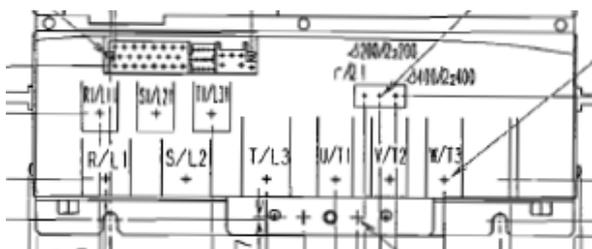
3G3RX-A2550 (55kW)



3G3RX-A4750 to -A13K (75 to 132kW)



3G3RV-B418K-V1 to -B430K-V1 (185 to 300kW)



Note: For 3G3RV-B2550 to -B211K-V1 (55 to 110kW), there is no replacement RX models.
Note: For 3G3RV-B416K to -B430K-V1 (160 to 300kW), there is no replacement RX models.

Product discontinuation
3G3RV-□□□□□-V1

Recommendable replacement
3G3RX-□□□□□

Control Circuit Terminals

Control Circuit Terminals

E(G)	FM	AC	AM	P1	P2	PC	SC	MP	MA	MB	MC	
SC	A1	A2	A3	+V	AC	V		RPR	R	S	S-	
S1	S2	S3	S4	S5	S6	S7	S8		IG	M1	M2	E(G)

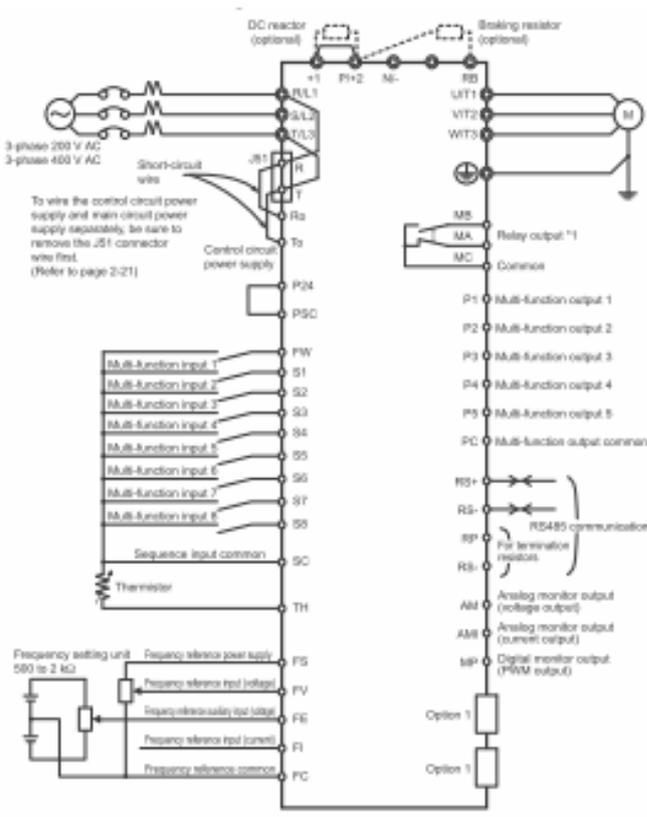
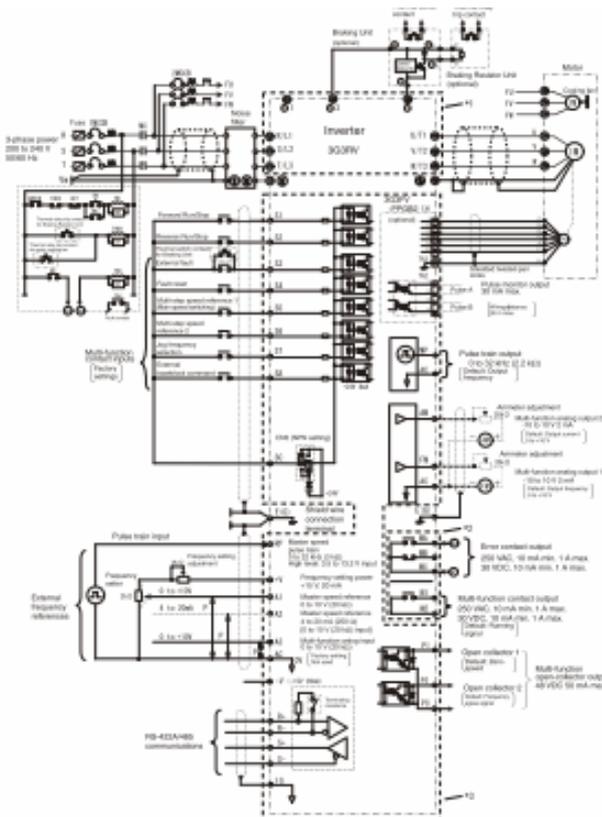
■ Arrangement of the Control Circuit Terminal Block

FS	FE	AM	MP	TH	FW	S8	SC	S5	S3	S1	P4	P3	P1	MA	
FC	FV	FI	AMI	P24	PSC	SC	S7	S6	S4	S2	P5	PC	P2	MC	MB

Terminal screw size M3 Tightening torque 0.7 N m (0.8 max.)

Wiring Diagram

Wiring Diagram

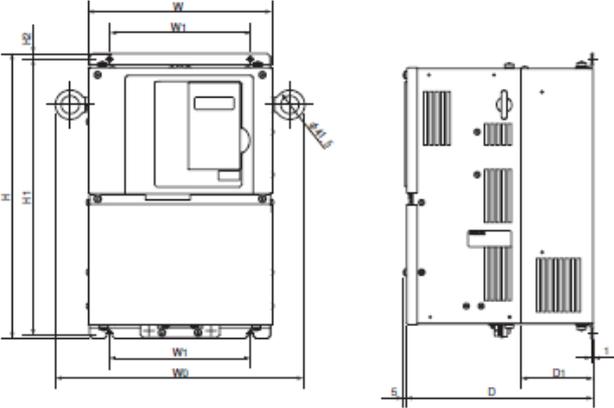
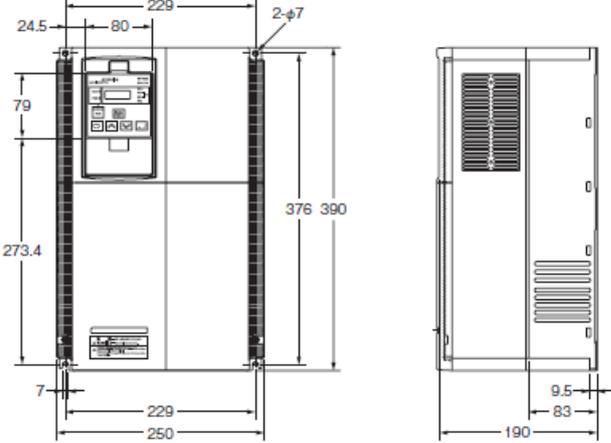
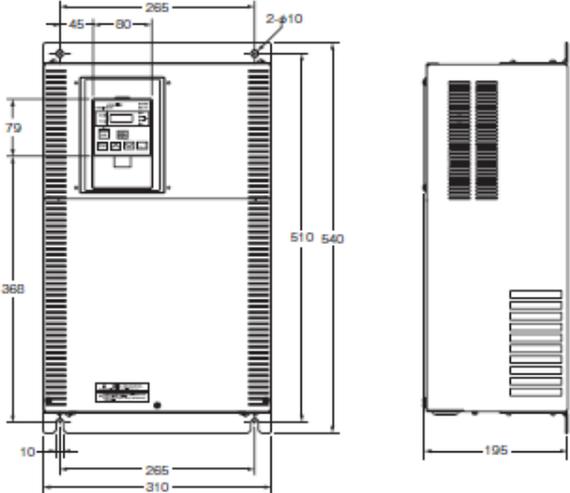
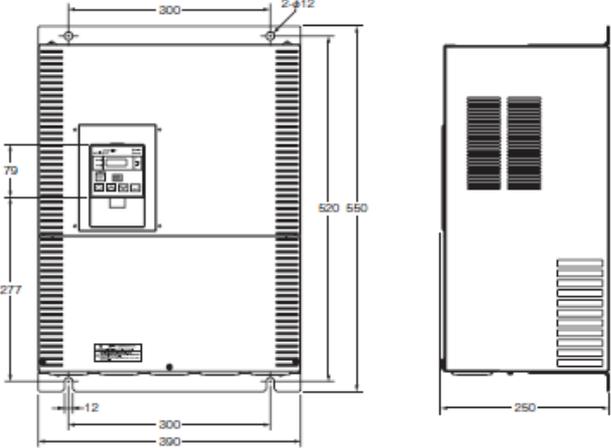


* 1. The main circuit is separated from the terminal cover for safety reasons.
 * 2. The control output circuit is separated from the main circuit and the control circuit by applied insulation.
 It can be connected to extra-low-voltage circuits or circuits that are 250 VAC, 1 A, 30 VDC, 1 A or less.
 * 3. The control circuit is an extra-low-voltage circuit and separated from the main circuit and the control output circuit by crimped insulation. Always connect it to extra-low-voltage circuits.

* 1. By default, MA is set to NC contact, and MB to NO contact in the relay output (MA, MB) contact selection (C039).

[Dimensions]

<p>Product discontinuation 3G3RV-□□□□□-V1</p>	<p>Recommendable replacement 3G3RX-□□□□□</p>
<p>3G3RV-A2004 to -A2185-V1 (0.4 to 18.5kW) 3G3RV-A4004 to -A4185-V1 (0.4 to 18.5kW)</p> <p>Figure A</p>	<p>3G3RX-A2004 to -A2037 (0.4 to 3.7kW) 3G3RX-A4004 to -A4037 (0.4 to 3.7kW)</p> <p>3G3RX-A2055 to -A2110 (5.5 to 11kW) 3G3RX-A4055 to -A4110 (5.5 to 11kW)</p> <p>3G3RX-A2150 to -A2185 (15 to 18.5kW) 3G3RX-A4150 to -A4185 (15 to 18.5kW)</p>

<p align="center">Product discontinuation 3G3RV-□□□□□-V1</p>	<p align="center">Recommendable replacement 3G3RX-□□□□□</p>
<p>3G3RV-B2220 to -B2300-V1 (22 to 30kW) 3G3RV-B4220 to -B4550-V1 (22 to 55kW)</p> <p>Figure B</p> 	<p>3G3RX-A2220 (22kW) 3G3RX-A4220 (22kW)</p>  <p>3G3RX-A2300 (30kW) 3G3RX-A4300 (30kW)</p>  <p>3G3RX-A4370 to -A4550 (37 to 55kW)</p> 

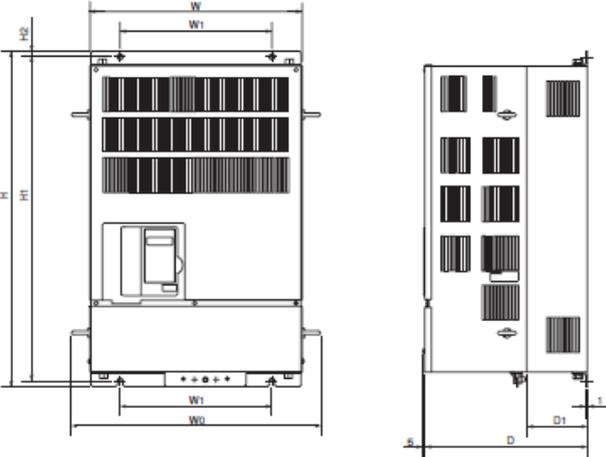
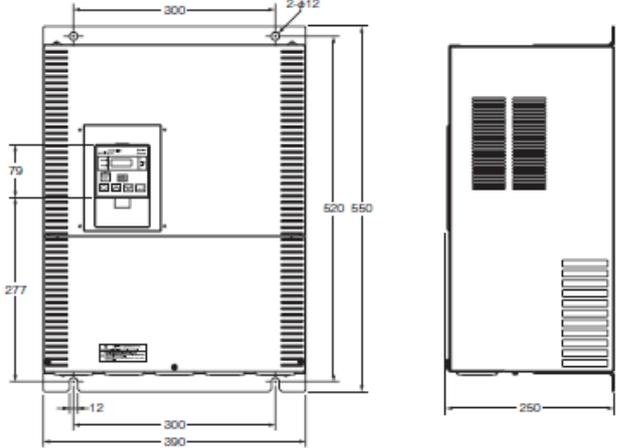
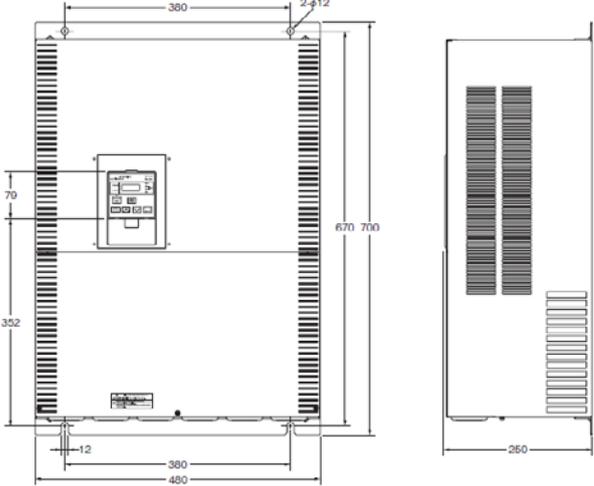
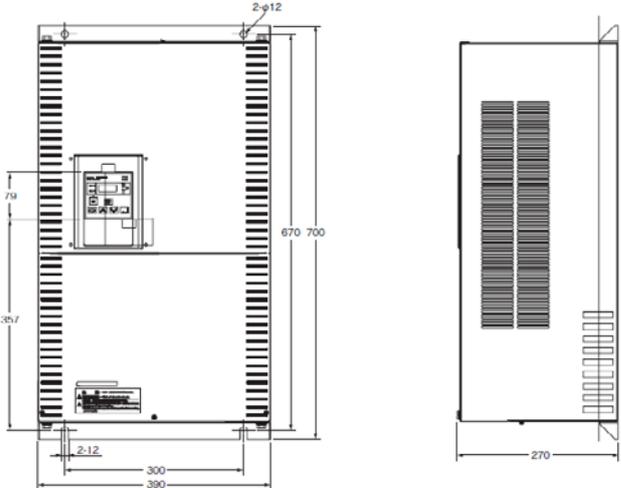
<p align="center">Product discontinuation 3G3RV-□□□□□-V1</p>	<p align="center">Recommendable replacement 3G3RX-□□□□□</p>
<p>3G3RV-B2370 to -B211K-V1 (37 to 110kW) 3G3RV-B4750 to -B430K-V1 (75 to 300kW)</p> <p>Figure C</p> 	<p>3G3RX-A2370 to -A2450 (37 to 45kW)</p>  <p>3G3RX-A2550 (55kW)</p>  <p>3G3RX-B4750 to B4900 (75 to 90kW)</p>  <p>Note: For 3G3RV-B2550 to -B211K-V1 (55 to 110kW), there is no replacement RX models. Note: For 3G3RV-B416K to -B430K-V1 (160 to 300kW), there is no replacement RX models.</p>

Table of 3G3RV-V1 dimensions

Model	Fig.	Dimensions										Mounting hole									
		W0	W	H	D	W1	H0	H1	H2	D1	t1										
3G3RV-A2004-V1	A	—	140	280	157	126	280	266	7	39	5	M5									
3G3RV-A2007-V1					177					59											
3G3RV-A2015-V1																					
3G3RV-A2022-V1					200					300			197	186	300	285	75	65.5	2.3	M6	
3G3RV-A2037-V1													310								
3G3RV-A2055-V1																					
3G3RV-A2075-V1													240								350
3G3RV-A2110-V1					380																
3G3RV-A2150-V1																					
3G3RV-A2185-V1					B					—			200	300	197	186	300	285	75	65.5	2.3
3G3RV-B2220-V1	258	100																			
3G3RV-B2300-V1																					
3G3RV-B2370-V1	470	379.2	600	250		—	575	13	130		3.2	M10									
3G3RV-B2450-V1			328																		
3G3RV-B2550-V1																					
3G3RV-B2750-V1			545												454.2						
3G3RV-B2900-V1	850																				
3G3RV-B211K-V1		885		378		445	855														
3G3RV-A4004-V1	A	—	140	280		157	126	280	266		7	39			5						
3G3RV-A4007-V1					177	59															
3G3RV-A4015-V1																					
3G3RV-A4022-V1					200	300				197		186	300	285		75	65.5	2.3	M6		
3G3RV-A4037-V1										310											
3G3RV-A4055-V1																					
3G3RV-A4075-V1										240										350	207
3G3RV-A4110-V1					380																
3G3RV-A4150-V1																					
3G3RV-A4185-V1					B	—				280		450	258	220		—	435	7.5	100	2.3	M6
3G3RV-B4220-V1	283	260																			
3G3RV-B4300-V1																					
3G3RV-B4370-V1	420	329.2	550	260			—	535	13		130		3.2		M10						
3G3RV-B4450-V1			328																		
3G3RV-B4550-V1																					
3G3RV-B4750-V1			545																		
3G3RV-B4900-V1	850																				
3G3RV-B411K-V1		885		378			445	855													
3G3RV-B413K-V1	615	505.2	850	358			370	—	820		15		125.5		4.5						
3G3RV-B416K-V1			916																		
3G3RV-B418K-V1																					
3G3RV-B422K-V1			1305																		
3G3RV-B430K-V1	1475	730		730	1440																

[Functions and specifications]

Item	Product discontinuation 3G3RV-□□□□□-V1	Recommendable replacement 3G3RX-□□□□□
Rated Input Voltage	3G3RV-A2□-V1 Three-phase 200-240VAC +10%, -15%, 50/60Hz±5% 3G3RV-A4□-V1 Three-phase 380-480VAC +10%, -15%, 50/60Hz±5%	3G3RX-A2 Three-phase 200VAC -15% to 240VAC +10%, 50/60Hz±5% 3G3RX-A4 Three-phase 380VAC -15% to 480VAC +10%, 50/60Hz ±5%
Ambient Operating Temperature	-10 to +40°C (IP20) -10 to +45°C (IP00)	-10 to +50°C -10 to +50°C
Ambient Operating Humidity	95%RH max. (with no condensation)	20-90%RH (with no condensation)
Protective structure	IP20 Open Chassis Type (IP00)	IP20
Weight	Vary according to the model Refer to User's Manual (Cat. No.I549)	Vary according to the model Refer to User's Manual (Cat. No.I560)
Starting torque	150%/0.5Hz	200%/0.3Hz
Modbus communications	Yes	Yes
PID control	Yes	Yes
Overload limit	Yes	Yes (Overload warning)
Analog output	2 points (Current/voltage selectable)	2 points (Current:1, Voltage:1)
Multi-step speed	Yes (17 points)	Yes (16 points)
Sensorless vector control	Yes (Auto-tuning)	Yes (Auto-tuning)
Pulse train output	Yes	Yes
DC reactor	18.5kW or smaller: Option 22kW or larger: Built-in	Option

[Operation ratings]

Product discontinuation 3G3RV-□□□□□-V1	Recommendable replacement 3G3RX-□□□□□
Control method V/f control with PG/without PG Vector control with PG/without PG	Control method V/f control without PG Vector control with PG/without PG
CT/VT Ratings CT (low carrier fixed torque applications) VT (high carrier variable torque applications)	CT/VT Ratings Constant torque characteristics
Rated output current Equivalent to 3G3RX though it differs according to the model. Example: 3G3RV-A2004-V1 3.2A 3G3RV-A2015-V1 7.0A Refer to User's Manual (Cat. No.I549)	Rated output current Equivalent to 3G3RV though it differs according to the model. Example: 3G3RX-A2004 3.0A 3G3RX-A2015 7.5A Refer to User's Manual (Cat. No.I560)
Maximum output frequency CT (low carrier, fixed torque applications): 300 Hz VT (high carrier, variable torque applications): 400 Hz	Maximum output frequency 400Hz

Product discontinuation 3G3RV-□□□□□-V1	Recommendable replacement 3G3RX-□□□□□
Carrier frequency 2.0 to 15.0kHz	Carrier frequency 0.5 to 15kHz
Braking torque About 20% (125% available with External braking resistor.)	Braking torque About 10 to 20% (100% available with External braking resistor.)
Acceleration/deceleration time 0.01 to 6000.0 seconds	Acceleration/deceleration time 0.01 to 6000.0 seconds
Overload current rating CT: 150% for 1 min. VT: 120% for 1 min.	Overload current rating 150% for 1 min.
Frequency control range CT: 0.01 to 300Hz VT: 0.01 to 400Hz	Frequency control range 0.1 to 400Hz
Frequency precision (temperature fluctuation) Digital command: ±0.01% of the max. frequency (-10 to 40°C) Analog command: ±0.1% of the max. frequency (25°C ±10°C)	Frequency precision (temperature fluctuation) Digital command: ±0.01% of the max. frequency (25°C ±10°C), Analog command: ±0.2% of the max. frequency (25°C ±10°C)
Frequency setting resolution Digital setting: 0.01Hz Analog setting: 0.06Hz/60Hz (+10 bit), 0.03Hz/60Hz (+11bit)	Frequency setting resolution Digital setting: 0.01Hz, Analog setting: 1/4000 of the maximum frequency (12 bit)

[Operation methods]

Product discontinuation 3G3RV-□□□□□-V1	Recommendable replacement 3G3RX-□□□□□
Operated with the digital operator on the front panel. (LED type, with parameter copy function)	Operated with the digital operator on the front panel. (LED type, without parameter copy function)

As of September 2012
Please be reminded that the specification may be changed without notice.