



Types

Drives, Inverters

Drives

Size A Size B Size C



Dimensions (mm) H x W x D Features

140 x 75 x 145	190 x 85 x 156	240 x 100 x 173
Maximum overload of 150% of rated current for 60s, conforms to EN 61800-3 for the 2nd environment, parameters accessible via Keypad and PC, RS485 serial communications, optional plug-in fieldbus modules, optional smartstick for drive-to-drive parameter transfer and storage	Maximum overload of 150% of rated current for 60s, conforms to EN 61800-3 for the 2nd environment, parameters accessible via Keypad and PC, RS485 serial communications, optional plug-in fieldbus modules, optional smartstick for drive-to-drive parameter transfer and storage	Maximum overload of 150% of rated current for 60s, conforms to EN 61800-3 for the 2nd environment, parameters accessible via Keypad and PC, RS485 serial communications, optional plug-in fieldbus modules, optional smartstick for drive-to-drive parameter transfer and storage

Technical Specifications

AC supply voltage	1-ph, 200-240VAC	1-ph, 200-240VAC [RVFBD...] 3-ph, 380-480VAC [RVFB3...]	1-ph, 200-240VAC [RVFCD...] 3-ph, 380-480VAC [RVFC3...]
AC supply frequency	48 - 62Hz	48 - 62Hz	48 - 62Hz
Output voltage	3-ph, 0-240VAC	3-ph, 0-240VAC [RVFBD...] 3-ph, 0-480VAC [RVFB3...]	3-ph, 0-240VAC [RVFCD...] 3-ph, 0-480VAC [RVFC3...]
Output frequency	0-1500Hz	0-1500Hz	0-1500Hz
100% RMS output current	1.7A [RVFA1..025] 2.2A [RVFA1..037] 3.0A [RVFA1..055] 4.0A [RVFA1..075]	5.2A [RVFBD...110] 7.0A [RVFBD...150] 1.3A [RVFB3...037] 1.7A [RVFB3...055] 2.1A [RVFB3...075] 2.8A [RVFB3...110] 3.8A [RVFB3...150]	9.6A [RVFCD...220] 5.1A [RVFC3...220] 7.2A [RVFC3...300] 9.0A [RVFC3...400]
Input displacement factor (cos φ)	>0.97	>0.97	>0.97

General Specifications

Operating temperature	-10°C to +40°C @ 3kHz	-10°C to +40°C @ 3kHz	-10°C to +40°C @ 3kHz
Storage temperature	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C
Degree of Protection	IP20 (IP4X, UL Type 1 optional)	IP20 (IP4X, UL Type 1 optional)	IP20 (IP4X, UL Type 1 optional)
Power connections	Screw terminals	Screw terminals	Screw terminals
Control connections	Spring terminals	Spring terminals	Spring terminals
Mounting	DIN rail or panel mount	DIN rail or panel mount	Panel mount
Integrated cooling fan	No	Yes [RVFBD...] Yes [RVFB3...110] Yes [RVFB3...150]	Yes
Switching frequency	3, 6, 12, 18kHz	3, 6, 12, 18kHz	3, 6, 12kHz
Approvals	CE - UL - cUL	CE - UL - cUL	CE - UL - cUL

References

230VAC, 1-phase	RVFA120025 (0.25kW) RVFA120037 (0.37kW) RVFA120055 (0.55kW) RVFA120075 (0.75kW)		
230VAC, 1-phase or 3-phase		RVFBD20110 (1.1kW) RVFBD20150 (1.5kW)	RVFCD20220 (2.2kW)
400VAC, 3-phase		RVFB340037 (0.37kW) RVFB340055 (0.55kW) RVFB340075 (0.75kW) RVFB340110 (1.1kW) RVFB340150 (1.5kW)	RVFC340220 (2.2kW) RVFC340300 (3.0kW) RVFC340400 (4.0kW)



Switch