

Jaguar VXG Series

High Performance Dual Rated AC Variable Speed Drives

3Ø, 400V/50~60Hz, 0.4~630kW (CT)

3Ø, 400V/50~60Hz, 0.4~710kW (VT)

IMO



- User configurable quick-start menu
- IP20 side-by-side mounting (IP40)
- Integrated EMC filter (EN61800-3 2004 cat C3)
- PLC logic type function
- RoHS, CE, UL, cUL compliant
- V/F, Torque Vector and closed loop control
- 200% starting torque between 0.3Hz
- Improved open-loop low-speed stability
- Enable input safety switch
- Mechanical brake control output - torque generated
- PID with Dancer control
- PTC thermistor input
- Input and Output phase-loss protection
- Loss-of-command signal detection
- Thermostatically operated long-life cooling fans (designed to operate for 10 years at 40°C)
- Life time / service due alarm output
- Standard Keypad with mini USB port.
- Optional multi-function back-lit keypad with parameter COPY mode
- Encoder feedback (close-loop) and shaft-synchronizing options
- Synchronous (Permanent Magnet) motor options
- Internal brake chopper up to 22kW (30-110kW upon request)

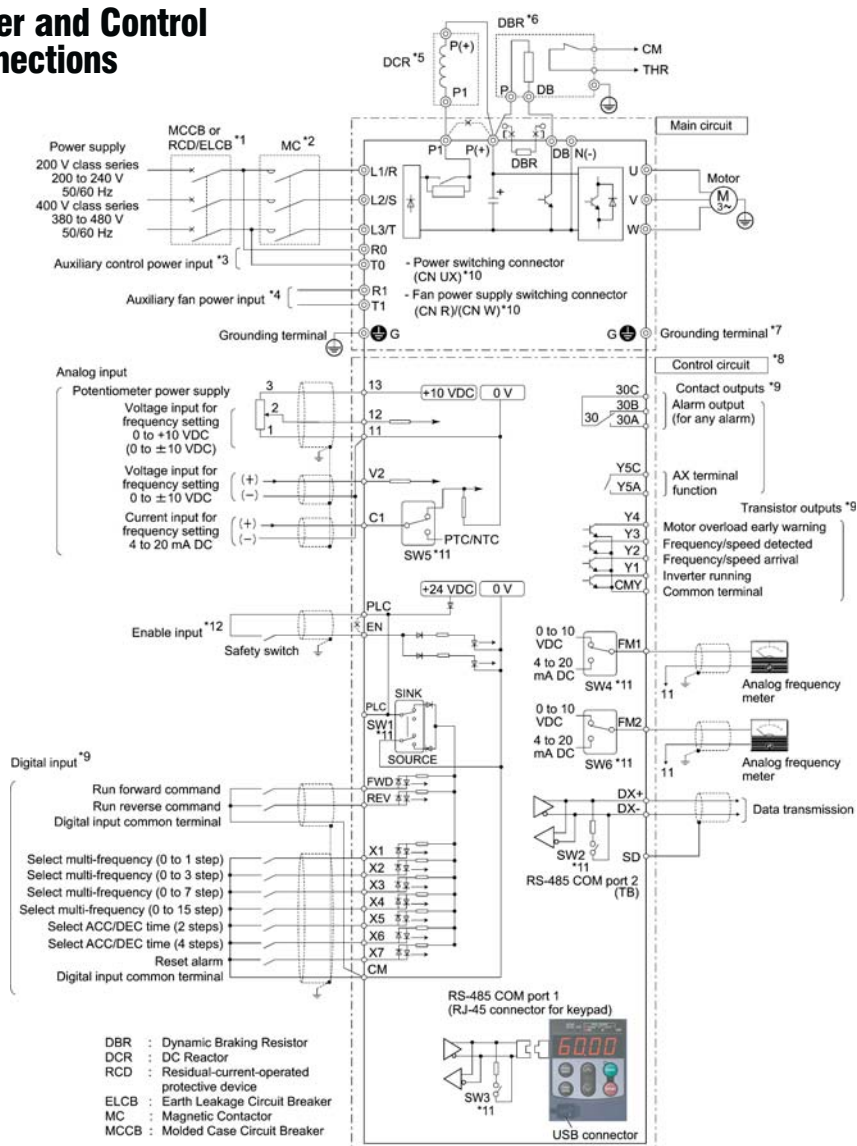


Options and ordering codes

CT Rating	VT Rating	VXG	60AL	-	4	E	
0.4kW	-		1A5			E	Integrated EMC filter
0.75kW	-		2A5				
1.5kW	-		4A		2		Input voltage 200v/3ph*
2.2kW	-		5.5A		4		Input voltage 400v/3ph
4.0kW	-		9A				
5.5kW	7.5kW		16A5L				
7.5kW	11kW		23AL				
11kW	15kW		30A5L				
15kW	18.5kW		37AL				
18.5kW	22kW		45AL				
22kW	30kW		60AL				
30kW	37kW		75AL				
37kW	45kW		91AL				
45kW	55kW		112AL				
55kW	75kW		150AL				
75kW	90kW		176AL				
90kW	110kW		210AL				
110kW	132kW		253AL				
132kW	160kW		304AL				
160kW	200kW		377AL				
200kW	220kW		415AL				
220kW	280kW		520AL				
280kW	315kW		650AL				
315kW	355kW		740AL				
355kW	400kW		840AL				
400kW	500kW		960AL				
500kW	630kW		1170AL				
630kW	710kW		1370AL				

*Special order only

Power and Control Connections



Specifications and Dimensions

Power supply voltage	Inverter type	Motor Rating (CT)	Motor Rating (VT)	Main body external dimensions (mm)			
				Width	Height	Depth	
Three Phase 400V	VXG1A5-4E	0.4	-	110	260	130	
	VXG2A5-4E	0.75	-			145	
	VXG4A-4E	1.5	-	150			
	VXG5.5A-4E	2.2	-				220
	VXG9A-4E	4	-				
	VXG16A5L-4E	5.5	7.5	250			
	VXG23AL-4E	7.5	11		400		
	VXG30A5L-4E	11	15			326.2	
	VXG37AL-4E	15	18.5	550			
	VXG45AL-4E	18.5	22		361.2		
	VXG60AL-4E	22	30			615	
	VXG75AL-4E	30	37	675			
	VXG91AL-4E	37	45		740		
	VXG112AL-4E	45	55			276.3	
	VXG150AL-4E	55	75	321.3			
	VXG176AL-4E	75	90		535.8		
	VXG210AL-4E	90	110			536.4	
	VXG253AL-4E	110	132	686.4			
	VXG304AL-4E	132	160		1000		
	VXG377AL-4E	160	200			366.3	
	VXG415AL-4E	200	220	1400			
	VXG520AL-4E	220	280		440		
	VXG650AL-4E	280	315			880	
	VXG740AL-4E	315	355	1000			
	VXG840AL-4E	355	400		1550		
	VXG960AL-4E	400	500			500	
	VXG1170AL-4E	500	630				
	VXG1370AL-4E	630	710				