SPiiPlusCM_HV

Specifications

Product X - number of Axes YY - Other configuration options	SPiiPlusCM_HV X-A-YY	SPiiPlusCM_HV X-B-YY	SPiiPlusCM_HV X-C-YY	SPiiPlusCM_HV X-D-YY	SPiiPlusCM_HV X-E-YY	SPiiPlusCM_HV X-F-YY	SPiiPlusCM_HV X-G-YY	SPiiPlusCM_HV X-H-YY
Number of axes	1 or 2							
Control voltage input [Vdc]	24 +/- 10%							
Motor voltage input range [Vac]	3 phase, 230 – 480				3 phase, 230			
Motor voltage input range [Vdc]	320 – 670				320			
PWM frequency [KHz]	10				20			
Phase Current per axis Cont./Peak sine amplitude at Vmax 480V [A]	5/10	10/20	15/30	20/20 + 5/10	-	-	-	-
Phase Current per axis (Cont./Peak) sine amplitude at Vmax 400V [A]	6.25/12.5	12.5/25	18.75/37.5	25/25 + 6.25/12.5	-	-	-	-
Phase Current per axis (Cont./Peak) sine amplitude at Vmax 230V [A]	6.25/12.5	12.5/25	18.75/37.5	25/25 + 6.25/12.5	5/15	10/30	15/45	20/60
Peak current time [sec]	1							
Max. output voltage to motor phase-to-phase [Vrms]	(Vac in) x 97%							
Max. input continuous power @ 480 Vac [kVA]	7.7	15.4	20.8*	19.4	-	-	-	-
Max. input continuous power @ 400 Vac [kVA]	7.9	15.7	17.4*	17.4*	-	-	-	-
Max. input continuous power @ 230 Vac [kVA]	4.4	8.8	10*	10*	3.8	7.4	11.2	14.7
Min. load Inductance, at maximum motor voltage [mH]	0.05							
Max. output power (cont./peak) per axis @ 480 Vac [KW]	2.6/5	5.2/10.1	7.9/15.1	10.6+2.6/ 10.5+5.2	-	-	-	-
Max. output power (cont./peak) per axis @ 400 Vac [KW]	2.7/5.1	5.3/10.2	8/15.3	10.8+2.7/ 10.6+5.3	-	-	-	-
Max. output power (cont./peak) per axis @ 230 Vac [KW]	1.5/2.9	2.9/5.8	4.4/8.7	5.9+1.5/ 5.9+2.9	1.3/3.5	2.4/7	3.8/10.6	5/14
Max. Heat dissipation per axis @ 480 Vac [W]	50	102	156	211+50	-	-	-	-
Max. Heat dissipation per axis @ 400 Vac [W]	54	111	172	235+54	-	-	-	-
Max. Heat dissipation per axis @ 230 Vac [W]	36	75	117	162+36	48	98	84	113
Weight [Kg]	5.3							
Dimensions [mm³]	260 x 246 x 120							
Standards	CE, UL (Pending)							

* Phase input current is limited to 25Arms

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MOTION CONTROL