GOOGOLTECH

GTDD High Performance Servo Drive

Overview



Incorporating two independent servo drives, this revolutionary product saves space on your machine and lowers the system cost by utilizing shared components. The servo drive comes with different bus selection that can fulfill most of the needs such as CANopen and EtherCAT.
GTDD also provides extensive I/O which can separate the Machine- and Controller-oriented I/O, maximizing the design flexibility.
The real time data monitoring function allows for on-line diagnostics and preventative maintenance. The monitoring aspects include bus voltage, drive temperature, analog inputs, phase currents and overall torque.

Selection Guide

GTDD – 1D13D4 – AP

Rating
240 VAC

	Axis 1		Axis 2	
	Cont/Peak(A_{rms})	Motor(W)	Cont/Peak(A_{rms})	Motor(W)
1D11D8	1.1 / 4	100	1.8 / 6.5	200
1D13D4	1.1 / 4	100	3.4 / 12.3	400
3D43D4	3.4 / 12.3	400	3.4 / 12.3	400
1D86D8	1.8 / 6.5	200	6.8 / 18	1000

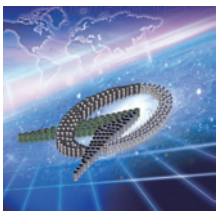
Interface Options

AP	Analog Voltage, Pulse Train Ref, RS232
AF	Analog Voltage, Pulse Train Ref, CANopen, USB, RS232
PT	Prototype Analog, Pulse Train Ref, CANopen, USB, RS232
EC	EtherCAT, USB, RS232

Ordering Guide

Model No.		1D11D8	1D13D4	3D43D4	1D86D8
Inputs					
AC Input Voltage	VAC	120/240 ± 10% 1 phase			240 ± 10% 1/3 phase
AC Input Frequency	Hz	50/60			
Main AC Input Current 1 phase	A	5.0	7.0	10.0	12.0
Main AC Input Current 3 phase	A	-	-	-	7.0
Line Fuse (FRN-R, LPN or equiv.)	A	6	8	12	14
Control Power Input Voltage	VAC	240 ± 10% 1 phase			
Control Power Input Current 1 phase	A	0.5			
Logic Input Fuse (Time Delay)	A	0.5			
Outputs					
Continuous Output Current	Arms	1.1/1.8	1.1/3.4	3.4/3.4	1.8/6.8
Peak Output Current (2 Sec)	Arms	4.0/6.5	4.0/12.3	12.3/12.3	6.5/18
Typ. Motor Output - 120VAC	W	50/100	50/200	200/200	100/500
Typ. Motor Output - 240VAC	W	100/200	100/400	400/400	200/1000
Dimension					
GTDD		W 100 x H 200 x D 169 (mm)			

GTDD Series



GOOGOL TECHNOLOGY

Control & network factories of the future

GOOGOLTECH

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GTDD Series