GTBL-E25A100

Introduction

Product Spec:

Input Voltage: 20-80VDC Output Current: 25A peak / 15A cont. Max Power: 1200W Control Interface: ±10V

Product Description:

The GTBL-E25A100 PWM servo drive is designed to drive brushless and brush DC motors at a high switching frequency. The drive can interface with digital controllers or be used stand-alone, and requires only a single unregulated DC power supply. It can operate with three mode include current, duty cycle, velocity mode. For the device's operating status, it contains red and green LEDs indicates it. The drive also well design fully protected against over-voltage, under voltage, over-current, overheating and short-circuits across motor, ground and power leads.



Hardware Protection:

Over Voltage (89VDC)

Under Voltage (15VDC)

Phase / Phase to Ground

Short Circuit Protection for Phase to

Overheat Protection (65°C/149°F)

Main Features

- Four Quadrant Regenerative Operation
- Adjustable Max Output Current
- Selectable Operation Mode:
 - Current / Duty Cycle / Closed Loop Velocity
- Support Real-time Motor Current Monitor Interface
- Support Motor Velocity Monitor Interface
- Support Driver Fault Output Interface
- Support Hall Sensor / Encoder / Tachometer Feedback Interface
- Support 120° / 60° Hall Sensor Position
- Support Wild Range Working Voltage (20-80VDC)
- Support Brush and Brushless DC motor

Product Dimension Product Size 140.8 x 84.8 x 26.8 (5.54 x 3.34 x 1.05) mm(in) Weight 343 (12.09) g(oz) Working Environment °C (°F) 0 - 65(32 - 149)Temperature Storage Temperature -40 - 85 (-40 - 185) °C (°F) Installation Type Panel Mount

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Product Part Number:

<u>GTBL</u> – <u>E</u> <u>25</u> A <u>100</u> – <u>XX</u>

	1	2	3	4	5	
1- Driver	Туре					
GTBL		Getron br	ushles	s/brush motors	s driver	
GTB		Getron br	ush m	otors driver		
2- Velocity Feedback Support						
E	Support encoder and hall velocity feedback					
N/A		Only supp	oort tao	chometer veloc	ity feedback	
3- Peak (Current					
15		15A peak	/ 7.5A	continuous cu	rrent	
25		25A peak	/ 15A	continuous cur	rent	
50		50A peak	/ 25A	continuous cur	rent	
4- Input \	Voltage					
80V		20-80VD	0			
100		20-80VD	2			
200		40-175VE	C			
5- Other Customization Type						

5- Other Customization Type				
Plus	Build-in full wave bridge rectifier with capacitance			