



PRODUCT: TRI 500 DDC CONVERTER

Application: Constant Current, Constant Voltage: For Voltage Translation application.

CUSTOMER SPECIFICATION SHEET: For quoting please complete the part number box at bottom of sheet using codes as indicated.

WARRANTY:

2 Years

Warranty void if product not working within the environmental specifications. (e)

Line No.	Code	Product Options	Ext. Part No.
1 (e)	D	Switch Board Mount OR Din Rail Mount	SB or DR H or V
2 (e)	E	Horizontal OR Vertical.	
3	F	Options:- Temperature Compensation: -4mV/°C/cell	TS TD B P
4	G	Time delayed (5 minutes) Low Voltage, commoned with DDC Alarm	
5	H	Boost Voltage on 10% of Low Voltage. For Wet or Calcium battery.	
6	I	Parallel Capability. Full Load (delta 0,5 Volts)	

7		Electrical Safety: AS/NZ 60335	CONDITION	LIMITS
8		Electrical Safety: Earth Continuity	25 Amps for 2 Secs 3750 vRms/2S 500 VDC	<0,1 Ohm No Flashover >1 Megohm
9		Electrical Safety: Electrical Strength		
10		Electrical Safety: Insulation Resistance		

Line No.	Code	OUTPUT		RANGE		RANGE		RANGE		RANGE
11	B	VDC	12	10 - 18	24	20 - 35	48	40 - 70	110	100 - 140
12	C	AMPS	30	0 - 30	20	0 - 20	10	0 - 10	5	0 - 5

Line No.	Code	INPUT		RANGE		RANGE		RANGE		RANGE
13	A	VDC	12	10 - 18	24	20 - 35	48	40 - 70	110	100 - 140

Line No.	Code	PARAMETERS	CONDITION	RANGE
14		Tolerance: All values on specification are subject to 1.5% variation	92% <1 mA 50°C > 80mm 32 Amps max. / per pin YES <0,05% 500 Watts Continuous at rated current 3750 VAC rms Screw Terminals (Phoenix type) Screw Terminals (Phoenix type)	32A /pin max. 32A /pin max.
15		Efficiency		
16		DC Battery Draw No Load		
17 (e)		Temperature Rated Continuous (Convection Airflow)		
18		Clearance top and bottom >50°C forced air cooling required.		
19		Input Current		
20 (e)		Input Transient Protected - limited		
21		Output Voltage Regulation: Over full input voltage range		
22		Output Power		
23		Overload Protection		
24 (e)		Input/Output Isolation		
25 (e)		Output Connection		
26		Input Connection		

27		Commoned Alarms: Voltage Free Contacts (Normally Open, Normally Closed and Common)	DDC Fail	
28		Weight	2 Kg	
29		Chassis	Alodine or Powder Coated	
30		Dimensions: Switch Board Mount Width: 205mm Depth: 104mm Height: 120mm Din Rail Mount Width: 150mm Depth: 104mm Height: 200mm	For Switch Board Mount Add 40mm to width to Include Side Plates	

		PRODUCT	A (*)	B (*)	C (*)	D	E	F	G	H	I
31	Part No.	TRI 500 DDC									
32	E.G.	TRI 500 DDC	12	15	30	SB	H				

For factory setting, indicate output voltage and current. Please leave boxes blank if options not required.

Manufacturer's Disclaimer: The Manufacturer reserves the right to change product specification without notice.