Trisan Australia Pty Ltd
Integrated Power Technologies
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GAS INTERNATIONAL ISO 9001:2008 REGISTERED COMPANY Certificate No. AU1659

PRODUCT: TRI 150 OLC—OFF LINE CONVERTER

Application Examples:
Battery Charging,
[Constant Current, Constant Voltage Battery Charger (CCCV)] and
Power Supplies

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

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

Line No.	Code	OUTPUT		RANGE		RANGE		RANGE		RANGE
11	B	VDC	12	10 - 20	24	20 - 35	48	40 - 70	110	100 - 140
12	C	AMPS	10	0 - 10	5	0 - 5	3	0 - 3	1.2	0 - 1.2

Line No.	Code	PARAMETERS	CONDITION	RANGE
13 (e)	A	Input Voltage: Nominal	240 VAC (*)	190 - 265VAC
14 (e)	A	Input Voltage: Nominal	120 VAC (*)	90 - 140VAC
15 (3)	A	Input Voltage: Nominal	Universal (UNI) (*)	90 - 265 VAC
16		Tolerance: All values on specification are subject to 1.5% variation		
17		Efficiency	92%	
18		DC Battery Draw No Load	<1 mA	
19 (e)		Temperature Rated Continuous (Convection Airflow)	50°C	
20		Clearance top and bottom >50°C forced air cooling required.	> 80mm	
21		Input Current	3 Amps max.	
22 (e)		Input Transient Protected - limited	YES	
23		Output Voltage Regulation: Over full input voltage range	<0,05%	
24		Output Power	150 Watts	
25		Overload Protection	Continuous	
26 (e)		Input Frequency	50/60 Hz	40 - 65 Hz
27 (e)		Input/Output Isolation	3750 VAC rms	
28		Power Factor (0,99 UNI)	0,8	
29		Output Connection	Screw Terminals (Phoenix type)	16A /pin max.
30 (e)		Input Connection	Screw Terminals (Phoenix type)	16A /pin max.

31	Commoned Alarms: Voltage Free Contacts (Normally Open, Normally Closed and Common)	OLC Fail	1 Amp max.
32	Weight	1.5 Kg	
33	Chassis	Alodine or Powder Coated	
34	Dimensions: **Switch Board Mount** Width: 205mm Depth: 104mm Height: 120mm; **Din Rail Mount** Width: 220mm Depth: 75mm Height: 104mm; **Open Frame** Width: 230mm Depth: 130mm Height: 70mm	For Switch Board Mount Add 40mm to width to Include Side Plates	

		PRODUCT	A (*)	B (*)	C (*)	D	E	F	G	H	I
35	**Part No.**	TRI 150 OLC									
36	**EG.**	TRI 150 OLC	110	12	10	DR	H				

For quoting please complete the part number box as indicated above.
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.
WARRANTY: 2 Years: Void if product not working within the environmental specification. (e)