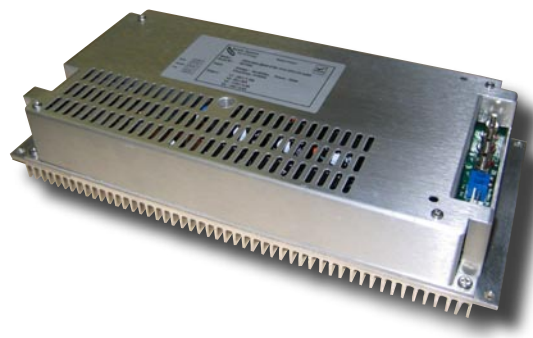




FAB1107007



Features

90-265Vac Input voltage ranges or 130-350Vdc
 Unit will operate at 90-240Vac input voltage at 400Hz but may not meet PF or THD specs
 Outputs : +84V / 300W, +35V/37.5W, -35V / 37,5W, +12V/10W
 225 * 127 * 38.6 mm - Input screw connectors
 Meet to MIL-STD-461E, CE101, CE102, EN55022B, EN61000-4-2,-4,-5,-11,-16
 Conduction cooled. operating -20°C to +85°C max on baseplate
 Input screw connector (Phoenix). Output Molex serie minifit connector type, signal Molex serie KK connector type

Safety IEC/EN 60950-1, RoHS lead-free-solder compliant



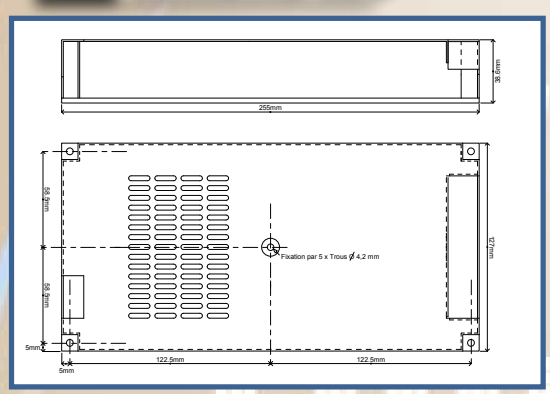
Electrical Input Data

Input		90-265Vac			170Vdc			Unit
Characteristics	Conditions	min	typ	max	min	typ	max	
Operating input voltage	44-63Hz for input Vac. For 440Hz operating input voltage is 90-240Vac	90	230	265	130	170	350	V
Surge	<=100ms			280			395	Vac
Input current	At Vin min		5,8			3,2		A
No-load input power	At Vin nom(230Vac and 170Vdc)		33			25		W
Peak inrush current	At Vin nom		1,9	20				A

Electrical Output Data

Output		+84V			+35V			-35V			+12V			Unit
Characteristics	Conditions	min	typ	max	min	typ	max	min	typ	max	min	typ	max	
Output voltage		83,9	84	84,7	34,9	35,0	35,3	-34,9	-35,0	-35,3	11,6	12	12,4	V
Trim range		-20%		10%	-20%		10%	-20%		10%				V
Overvoltage protection		94,1	97,6	101,1	40,4	41,9	43,4	-40,4	-41,9	-43,4				V
Nominal output current			3,6			1,1			1,1			0,8		A
Max. output current				4,16			4,16			4,16			1,5	A
Output current limit		4,2	4,8	5,6	4,2	4,8	5,6	4,2	4,8	5,6		>1,5		A
Output noise				200			100			100			420	mv
Dynamic load regulation														
Output voltage trim		68,25		90	28,7		39,2	-28,7		-39,2				V
Hold up time	Input= 90Vac 50Hz at full load	20	33											ms
Start up time	Input 115 or 230Vac 50Hz at full load	1,4	1,5	1,8										s

Mechanical Data



Connector Pin Allocation

Ref : FAST ON Male 6,3*0,5mm

PIN	Description	
CN1	INPUT +	Positive input voltage
CN2	INPUT -	Negative input voltage
CN3	OUTPUT +	Positive output voltage
CN4	OUTPUT -	Negative output voltage

In partnership



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