



FEATURES

160 x 110 x 40 mm
 INPUT : 18-36Vdc according to DO160D
 OUTPUT : 4 outputs
 Efficiency : 85 %
 Conduction cooled
 Pout Max : 295W

APPLICATIONS

Avionic and hard environment.

INPUT

Voltage range : 18-36Vdc
 Input protection : transient and surges protected
 inrush current limitation
 reverse polarity protection

OUTPUT

ITEMS					
		+5V	+3V3	+12V	-12V
Nominal Output Voltage	V	+5	+3,3	+12	-12
Minimum Output Current	A	0	0	0	0
Maximum Output Current	A	25	15	9	1
Nominal Output Power	W	125	49,5	108	12
Total Output Power	W	295			
Input Voltage Range	V	18-36Vdc (in accordance with Cat A DO160D sec, 16&17)			
Input Current	A	20/10			
Hold-up Time	ms	50 (Pout 70W) / 35 (Pout 100W)			
Output Voltage Accuracy		+1%	+2%	+5%	+5%
Max line regulation		+/-2%			
Max load regulation		+1%	+2%	+5%	+2%
Over Current Protection	A	40	20	11	3
Efficiency		85%			
Remote sensing		Yes	Yes	No	No

SIGNALS / OPTION

Powergood : by led

On/Off contact : ON when shorted

External hold-up capacity : used with FAB0903003 (200ms at 70W)

ENVIRONMENTAL

Storage temperature : -40°C to +85°C according to DO160D cat. A1 sec.4

Operating temperature : -40°C to +85°C max. baseplate

Humidity : protected by conformal coating

Vibration : ruggedized by glue

ISOLATION

Input to chassis : 1500 Vrms or 2120Vdc

Input to Output : 1500 Vdc

Output to chassis : 100 mohms / 500Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet DO160D

MECHANICALS

INPUT and OUTPUT

+VIn, -VIn, Earth	3 x M4 studs terminals
+5V, +3V3, 0V	4 x M4 studs terminals
+12V, -12V, PGood, Senses	MOLEX Minifit 10pts
On/Off	MOLEX Minifit 2pts
Auxiliary caps	MOLEX Minifit 4pts

