

FAB0907017

Features

- ▶ 6U * 7TE * 160 mm
- ▶ Vin : 100-200Vdc
- ▶ 5 Outputs : 3V3, 5V, +12V, -12V, 42V
- ▶ Pout max : 940W
- ▶ Efficiency : 84 % typ.
- ▶ VME 64X compatible
- ▶ Fan cooled 4m/s min. (external)

CE

Applications

Industrial and aeronautic applications.

INPUT

Voltage range : 100-200Vdc

OUTPUT

Voltage :
V1 : 5V / 80A
V2 : 3V3 / 35A
V3 : +12V / 15A
V4 : -12V / 10A
V5 : 42V / 3A

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,06 %	0,6 %	No load to full load
Ripple and noise	0,5 %	1 %	Peak to peak, nom. Input ; full load
Current limit	> 115 % of I nominal		Vout = 95% of nominal ; Automatic restart
Short circuit current	> 115 % of I nominal		Vout < 250mV ; Automatic restart



Signal

Input OK :	Led	
Power Good :	Isolated opto : open collector for each output:	closed if Vout OK open otherwise

Environmental

Storage temperature :	-40°C to +100°C
Operating temperature :	-40°C to +55°C ambiant external air forced 4m/s min.

EMI / EMC

Need external filter.

Isolation

Input to Chassis :	2121 Vdc or 1500Vrms without Y capacitor
Input to Output :	1500 Vdc
Output to Chassis :	> 100Mohms at 500 Vdc

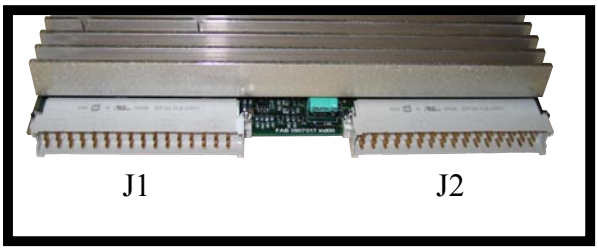
General

Safety :	Built to meet EN60950



Mechanical

Weight : 1,670Kg



DIN41612 F48 : 09061486901

J2	DESCRIPTION
z2,b2,d2,z4,b4,d4,z6,b6, d6,z8,b8,d8,z10,b10,d10, z12,b12,d12	+5V
z14	NC
b14	-sense 5V
d14	+sense 5V
z16,b16,d16,z18,b18,d18, z20,b20,d20,z22,b22,d22, z24,b24,d24,z26,b26,d26	0V 5V
z28,b28,d28	Ground
z30,b30,d30	-IN
z32,b32,d32	+IN

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J1	DESCRIPTION
z2,b2,z4,b4,d4,z6	+3V3
b6	+sense 3V3
d6	-sense 3V3
z8,b8,d8,z10,b10,d10,z12	0V 3V3
b12	NC
d12	+sense +12V
z14,b14,d14	+12V
z16,b16,d16,z18,b18	0V common +/-12V
d18	-sense +12V
z20	-sense +12V
b20,d20	-12V
z22,b22	NC
d22	+sense -12V
z24	NC
b24	PGood -12V
d24	PGood +12V
z26	NC
b26	PGood 42V
d26	PGood +5V
z28	AC Fail
b28	PGood +3V3
d28	0V PGood
z30	Sysreset
b30	-sense 42V
d30	+42V
z32	NC
b32	+ sense 42V
d32	0V 42V