

FEATURES

170 x 161 x 27 mm
 INPUT : 18 - 36Vdc
 4 isolated outputs
 OUTPUT : 60W
 Efficiency : 87% typ.
 Convection cooled

**APPLICATIONS**

Embedded military application MILSTD704E, MILSTD810

INPUT

Voltage range : 18 - 36V
 50V, 100ms
 Nominal : 24Vdc
 I max at 100Vdc : 2,5A for 200W output
 Input protection : fuse
 transient and surges protected MIL-STD-704E

OUTPUT

Voltage : +5V / 5A -5V / 0,5A
 +24V / 0,3A +12V / 2A (8,3A peak)

	OUTPUTS		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,2 %	0,5 %	No load to full load
Ripple and noise		5 %	Peak to peak, nom. Input ; full load
Current limit	105 to 135 % of I nominal*		Vout = 95% of nominal ; Automatic restart +12V, I limit > 8,5A ; +/-5V, I limit > 5,5A ; +24V, I limit > 1A
Short circuit protection	Yes		

SIGNAL

Fan control +Vent / -Vent

ENVIRONMENTAL

Storage temperature : -55°C to +100°C

Operating temperature in natural convection : -40°C to 85°C case

Thermal elevation ambient to case : 10°C max. at nominal condition, convection cooled

ISOLATION

Input to chassis : 1500Vdc

Input to Output : 1500Vdc

Output to Chassis : None

GENERAL

EMI : built to meet MIL-STD-461E, conducted.

ENVIRONMENTAL : built to meet MIL-STD-810