



FEATURES

210 x 150 x 68 mm
INPUT : 66 - 160 Vdc
OUTPUT : 24V 200W
Efficiency : 85% typ.
Convection cooled



APPLICATIONS

Train embedded. Converter for automate in security system applications.

INPUT

Voltage range : 66 - 166V
Nominal : 110 Vdc
I max at 66Vdc : 3,5A for 200W output
Input protection : fuse 6,3A
transient and surges protected EN50155
reverse polarity protected

OUTPUT

Voltage : 24V +/- 1 %
Current : 8,3A nominal
Trim range 50 % to 110 % of 24Vdc (factory adjustable)

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,5 %	1 %	No load to full load
Ripple and noise	0,5 %	1 %	Peak to peak, nom. Input ; full load
Current limit	105 to 135 % of I nominal		Vout = 95% of nominal ; Automatic restart
Short circuit current	115 % of Iout nominal	140 % of Iout nominal	

SIGNALS

Input OK : led

Output OK : led

Low temp. : Control of a heater resistor for low ambient temperature operation

ENVIRONMENTAL

Storage temperature : -20°C to +100°C

Operating temperature in natural convection : -10°C to 55°C ambient, no derating, convection cooled.

ISOLATION

Input to chassis : 1500 Vrms or 2121 Vdc

Input to Output : 3000 Vrms or 4240 Vdc

Output to Chassis : >100 Mohms at 500 Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN50155, EN55022A, EN50121-3-2, conducted