

Adjustable switching power supplier PWR-SW01

Written by emmeci

Friday, 27 April 2007 23:43 - Last Updated Thursday, 18 September 2014 14:00



PWR-SW01 is an adjustable switching power supplier suitable for supplying equipment working with vo

Its compactness makes it suitable for use in systems where the space occupied is of crucial importance.

The possibility to easily adjust its output voltage with an ample range means that it can be used as a non

TECHNICAL DATA

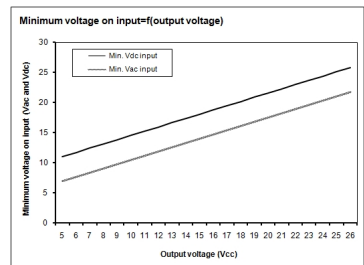
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DIMENSIONS (length x width x height) mm	
85 x 7 x 57	
FIXTURE	DIN guide
CONNECTIONS	
Screw-on terminals for cable max.1.5 mm	
INPUT VOLTAGE WITH 24V OUTPUT	
24-35Vac or 30-46Vcc	
OUTPUT VOLTAGE	
Adjustable between 5 and 26Vcc (with Vin=24Vac)	
MAX. OUTPUT CURRENT, 5A (CONTINUOUS) OPERATION	
PEAK CURRENT	
2A	
SWITCHING FREQUENCY	
52KHz	
RIPPLE:	
at 100Hz: <120mV with Vin=24Vac and Vout=24Vdc, Iout=0,5A	
at 52KHz: <100mV with Vin=24Vac and Vout=24Vdc, Iout=0,5A	
MAX. ADMITTED WORKING TEMPERATURE	
40° C without forced ventilation and with output = 0.5A	
OUTPUT	
>85%	

To stabilise the output voltage efficiently, the input voltage must be higher than the minimum voltage indicated in the following graph:



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