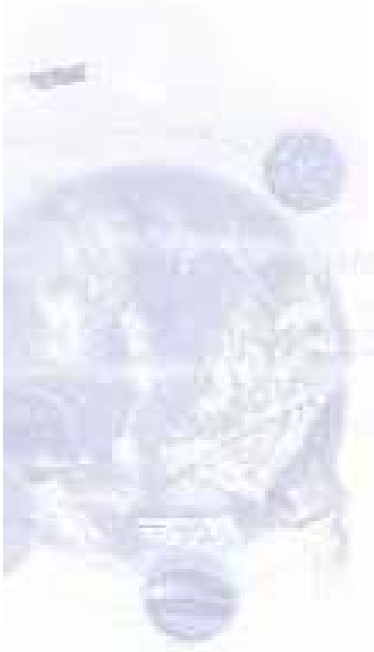


DC/DC CONVERTER

3 x 28V / 5V – 125W



Dimmer lighting for business jet cockpit



Electronics for Harsh Environments

Characteristics	INPUT
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Nominal Voltage	: 28 V dc
Voltage operating range	: $18V \leq U_e \leq 32 V$

Characteristics	OUTPUT
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Total nominal power	: 125 W
Voltage - outputs 1 & 2	: 5 V dc
Maximum current - outputs 1 et 2	: 11,75 A
Voltage - output 3	: 5 V dc
Maximum current - output 3	: 1,5 A

Characteristics	LOAD
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Nature	: Resistive (light bulbs)
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Characteristics	MISCELLANEOUS
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Efficiency	: 95 %
Cooling	: Natural convection
Dimensions	: 136 x 106 x 107
Weight	: 1 Kg
Dimming function :	Through potentiometer
Digital control	: No
External interface	: No

Characteristics	ENVIRONMENT
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Operating temperature	: -45 °C à + 70 °C
Location	Non pressurized area
EMI	} DO 160
Shocks	
Vibrations	



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