

FLIGHT CONTROL SUPPLY CONVERTER

AC / DC isolated supply converter for
flight controls

- From the variable-frequency 3-phase voltage delivered by the onboard generators, this system supplies actuators and electronics of the electrical flight controls from a 28 VDC power source.
- The design is based on reduction of weight, volumes and operating costs.
- Operation in non-pressurized environment and explosive atmosphere.



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Characteristics		INPUT
Voltage	:	130 V – 500 Hz to 1000 Hz
Converter operating mode	:	

Characteristics		OUTPUT
Installed power	:	1 500 W
Output nominal voltage	:	28 VDC

Characteristics		LOAD
Type	:	Actuators, Electronics

Characteristics		MISCELLANEOUS
Cooling mode	:	Natural convection
Operating interface	:	With central computer
Insulation	:	Input / Output

Characteristics		ENVIRONMENT
Operating temperature	:	-55 °C to +70 °C
Location	:	Non-pressurized area
EMI	:	} DO 160 D
Lightning	:	
Shocks	:	
Vibrations	:	
Explosion proofness	:	



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