

AETES

750V DC CONVERTER 8A

DIN Rail and Panel Mountable
Wide Temperature Range
Industrial Grade Design

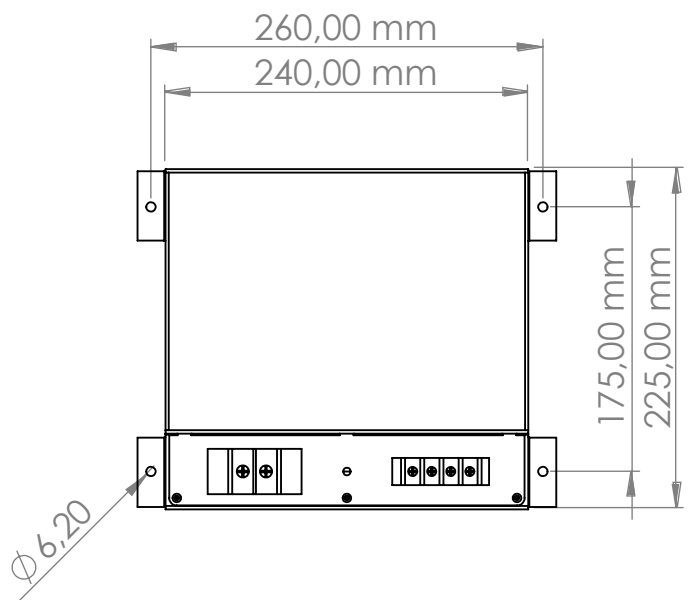
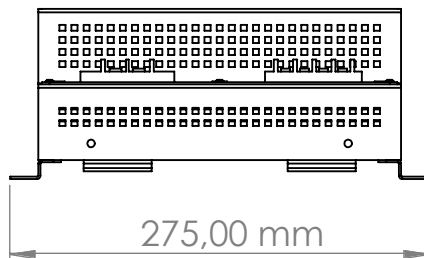
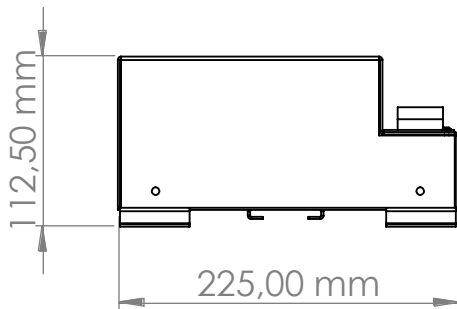
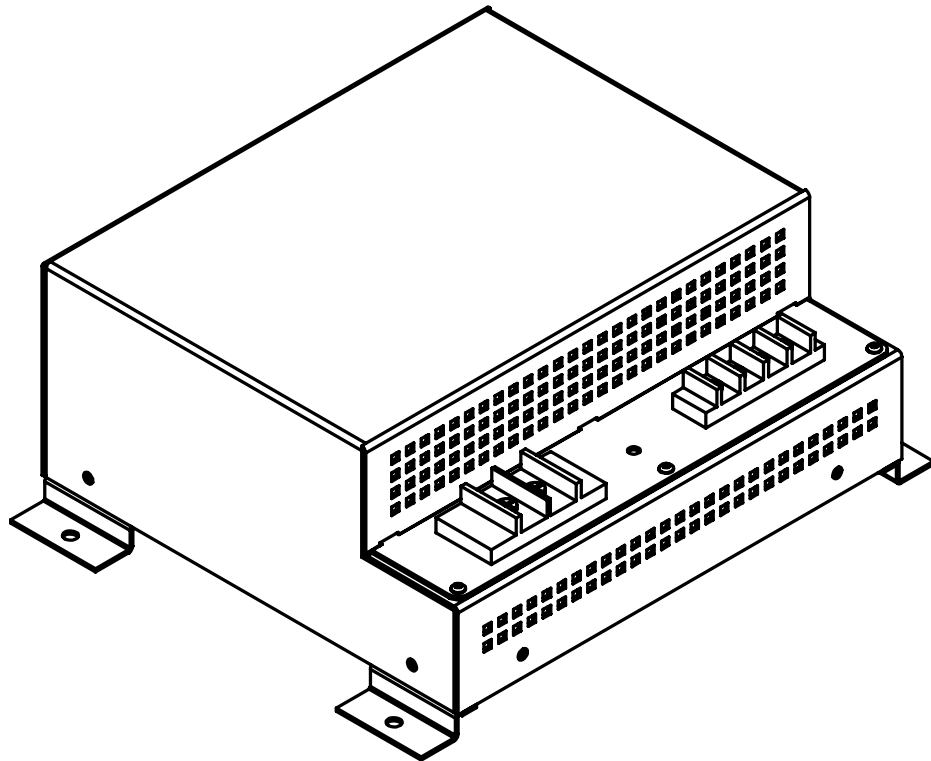


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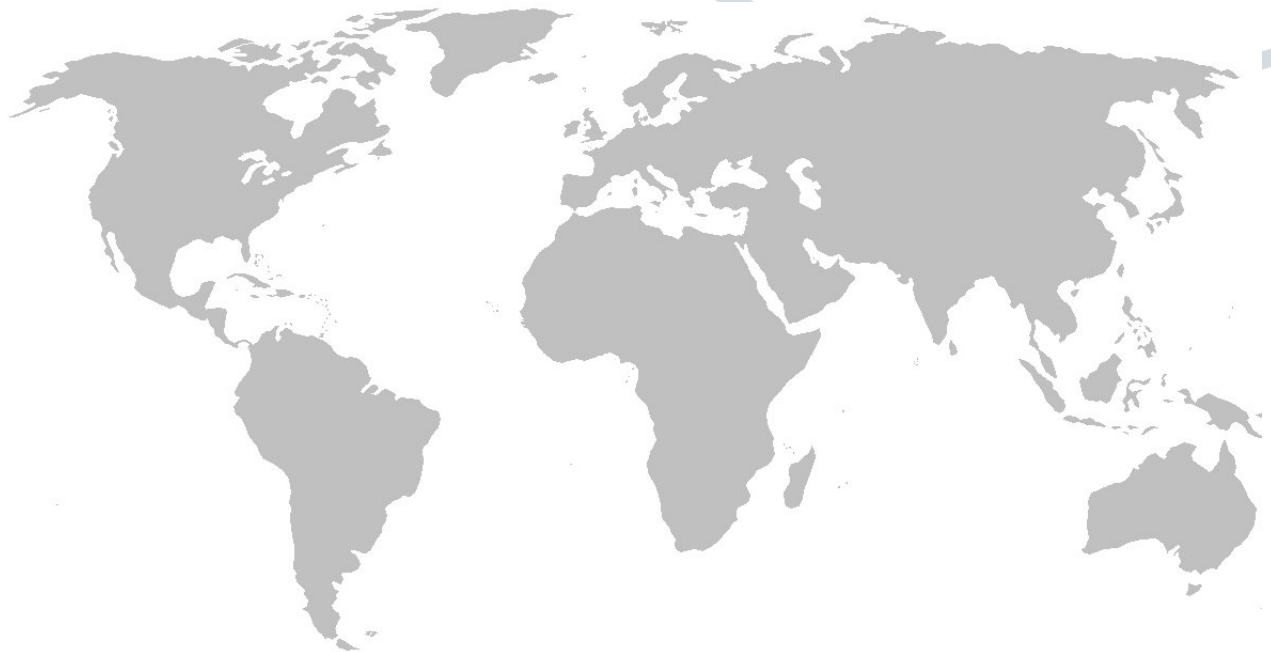
Specification

ITEMS	MODEL	750-24-08A-DN	750-28-08A-DN	750-48-08A-DN
Input Voltage Range	-	750V DC (500V... 990V DC)		
Output Voltage	-	24VDC	28VDC	48VDC
Input Current (750VDC)	-	0.4A	0.6A	0.8A
Max. Output Current (DC)	-	8A (200 Watt)	8A (300 Watt)	8A (400 Watt)
Cooling	-	Natural		
Over Current Protection	-	>105%, Constant current style		
Over Voltage Protection	V	125% -140%		
Over Temperature Protection	-	Yes		
Hold Up Time (Typ)	ms	12ms at 750VDC		
Efficiency(750VDC)	%	87		
Load Regulation (max.)Line	%	2.0		
Regulation (max.)	%	0.5		
Ripple Noise (max.)	mV	200		
Panel Mounting Kit	-	Included		
Dual Output	-	(12V+28V or 24V+48V etc.) Optionally		
Customized Output Voltage	-	(12V...15V / 25V..30V / 52V...56V / 90V...100V) Optionally		
Enclosure Color	-	Anthracite Grey (RAL7016 Texture)		
Operating Temperature	-	-25°C to 70°C, derating linearly to 50% load above 50°C		
Storage Temperature	-	-40°C to +75°C		
Humidity(non condensing)	-	30 - 90% RH operating, 10 - 90%RH non operating		
Withstand Voltage (1 min)	-	Input to Ground 2kV AC, Input to Output 3kV AC, Output to Ground 2KV DC		
MTBF	-	MIL-HDBK-217F@25°C≥ 300,000 h		
Case Material	-	Aluminum		
Isolation Resistance	-	>100MΩ at 25°C & 70%RH, Output to Ground 500VDC		
Vibration Compatibility	-	MIL-STD-810F 514.5 CAT. 4, 10		
Shock Compatibility	-	<196.1 m/s ²		
Immunity Compatibility	-	EN61000-4 -2 -3 -4 -5 -6		
Safety Compatibility	-	EN62109		
EMI Compatibility	-	EN55032 FCC Class A		
Weight (Typ)	-	2,2 kg	3,3 kg	3,3 kg
Size (D x H x W)	mm	100 x 225 x 240		
Warranty	yrs	3		

Drawing



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