

AETES

CPM 110VDC to DC Converter

Wide Input Voltage Range
Industrial Grade Design
Three Year Warranty

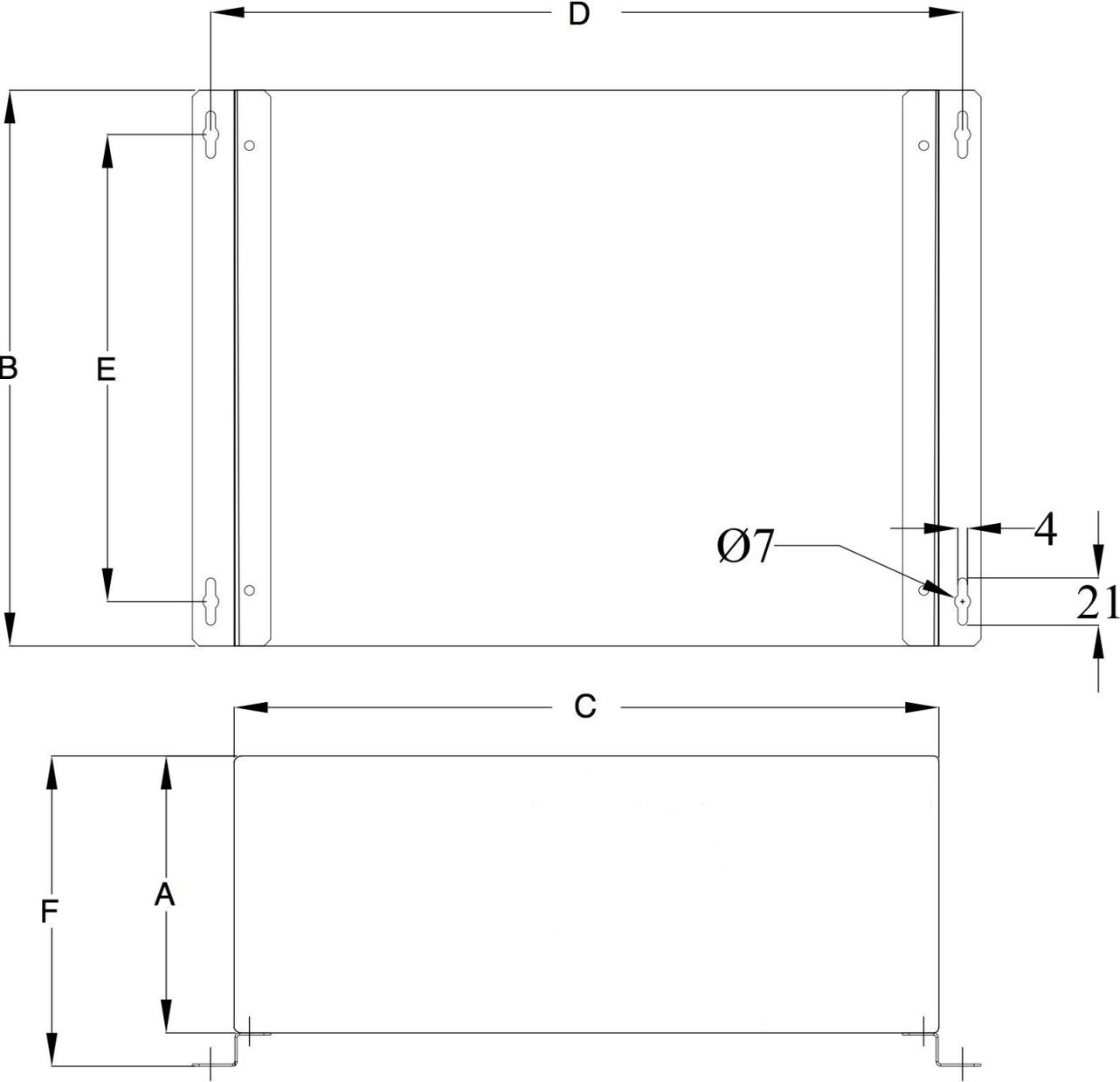


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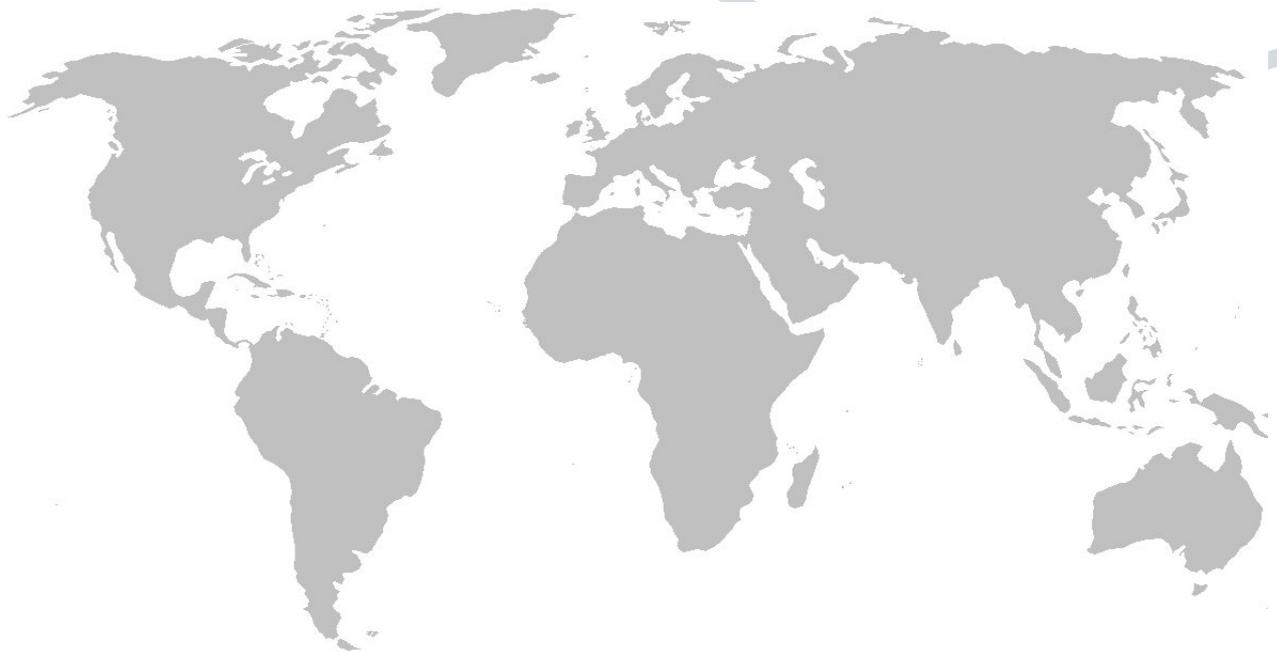
Specification

ITEMS	MODEL	CPM-110-024-1K0	CPM-110-048-1K0
Input Voltage Nominal & Range		110VDC (88V...165V DC)	
Max. Input Current (at 110VDC)		10A (Cold Start Inrush; max. 22A)	
Output Voltage		24VDC	48VDC
Max. Output Current		40A (1000 Watt)	20A (1000 Watt)
Output Startup Time (max.)		1 sec.	
Overcurrent Protection		>105-150%, Constant current style	
Overvoltage Protection		125-140%	
OverTemperature Protection		Yes	
Hold Up Time (Typ)		20ms	
Efficiency (Full Load)		>78%	
Load Regulation (max.)		±%0.8	
Line Regulation (max.)		±%0.4	
Ripple Noise (max.)		±%2	
Remote On/Off		Yes	
Status Indicator LED		Green: ON	
Dry Contacts (Ready / Fault)		Optional	
Enclosure Color		Grey (RAL 7035)	
Operating Temperature		-10°C to +70°C, derating linearly to 50% load above +50°C	
Storage Temperature		-25°C to +75°C	
Humidity (non condensing)		25-85% RH operating, 25-90% RH non operating	
Cooling		Internal fan	
Withstand Voltage (1 min.)		Input to Ground 2kVAC, Input to Output 3kVAC, Output to Ground 1kVAC, Output to CNT 100VAC	
Isolation Resistance		>100MΩ at 25°C & 70%RH, Output to Ground 500VDC	
Vibration Compatibility		EN60068-2-6	
Shock Compatibility		EN60068-2-27	
Immunity Compatibility		EN61000-4 -2 -3 -4 -5 -8 -11	
Safety Compatibility		EN60950-1	
EMI Compatibility		EN55011, FCC Class B	
Weight (Typ)		9,0 kg	
Dimensions		A:135+15 B:320+20 C:240 mm	
Warranty		3-YEAR	

Drawing



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