

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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MS-E07

Output Current 1.5 A, 5-V Type

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Specifications

Model		MS-E07
Input conditions	Input voltage	85 to 264 VAC (50/60 Hz), 120 to 340 VDC*1
	Frequency	47 to 63Hz*2
Inputconditions	Input current (100/200 VAC)	0.28/0.16A or less
	Efficiency (100/200 VAC)	—
	Leakage current (100/200 VAC)	0.5/1mA or less
	Rush current (100/200 VAC)	18, 36 A or less (with a +25°C 77°F cold start)
Output characteristics	Rated voltage	5V
	Variable voltage range	±5% (with V.ADJ)
	Rated current	1.5A
	Ripple/noise voltage	2% (p-p) or less
	Input fluctuation	0.5% or less
	Load fluctuation	1.0% or less
	Temperature fluctuation	—
	Startup time	400ms or less
	Output holding time	20 ms or more (100 to 240 VAC)
Protection	Overcurrent protection	Constant current drop method, automatic recovery, 1.9 A or more
	Overvoltage protection	Present*3
Display	Display power	—
	Power off memory time	
	Display resolution	
Applicable standards	Safety standards	UL60950, CSA C22.2 number 60950, EN60950
	EMC standard	FCC Part 15 B Class A, EN55011 Class A
	Limits for harmonic current emissions	EN61000-3-2*4
Other	Parallel operation	Not possible
	Series operation	Possible (requires external diode)*5
	Cooling method	Natural air cooling
Environmental resistance	Insulation resistance	100 MΩ or more at 500 VDC (between input and output, between input and FG, and between output and FG)
	Ambient temperature	-10 to +60 °C 14 to 140 °F (No freezing) (see the derating characteristics)
	Relative humidity	25 to 85 % RH (No condensation)

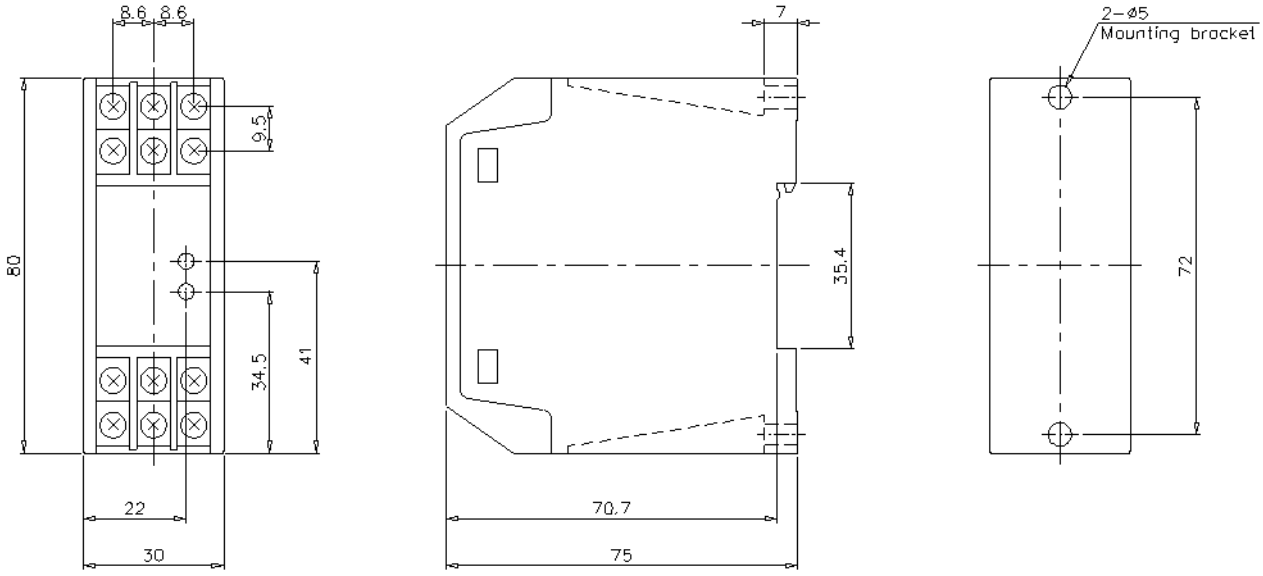
	Withstand voltage	3.0 kVAC 50/60 Hz 1 min (across input and output terminals), 2.0 kVAC 50/60 Hz 1min (across input terminals and PE terminal), 500 VDC 1min (across output terminals and PE terminal)
	Vibration resistance	10 to 57 Hz, Double amplitude 0.3 mm 0.01", 57 to 500 Hz, 19.6 m/s² (2 G), cycle: 5.5 minutes, 2 hours in each of the X, Y, and Z directions
	Shock resistance	Peak acceleration: 300 m/s², 2 times in each of the X, Y, and Z directions
Weight		Approx. 140 g

*1 When applying for safety standards are 100 to 240 VAC, 50/60 Hz.
*2 The rated input voltage and rated frequency when applying for safety standards are 100 to 240 VAC, 50/60 Hz.
*3 To return, turn OFF the input power supply and after leaving it off for 1 minute or more, plug in the input power supply again. The E/F Series is a Zener diode clamp type. It will not restart after the protection circuit operation.
*4 For the MS2-H100, this is applicable only when the load ratio is 70% or less.
*5 The applicable standards do not apply for parallel and serial operations.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

MS-E07/F07



Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

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