

Switching AC Adapter 12VDC 3A  
PWA-36AWD2



This product is an AC adapter for input: 100 - 240VAC and output: +12VDC 3A.

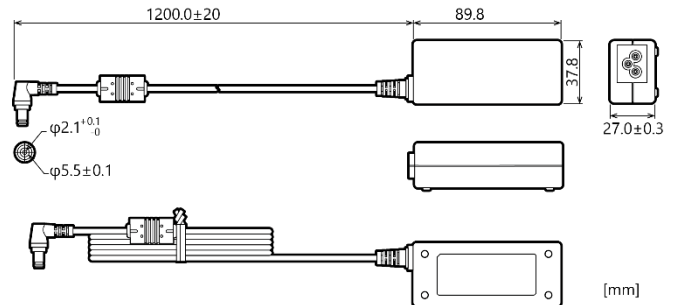
- \* Specifications, color and design of the products are subject to change without notice.
- \* The contents in this document are subject to change without notice.
- \* Visit the CONTEC website to check the latest details in the document.
- \* The information in the data sheets is as of October, 2024.

Specifications

Item	Specifications	
Power supply space		
Rated input voltage	100 to 240VAC (continuous input), 50 to 60Hz	
Permissible input voltage	90 to 264VAC (continuous input), 47 to 63Hz	
Input current	1.8A (Max)	
Rated output voltage	+12VDC ±5%	
Rated output current	3A (Max)	
Permissible momentary blackout	5ms or less	
Dielectric strength (between Input P and S)	3.0KVAC for one minute	
Insulation resistance (between P and S)	Greater than 50MΩ (500VDC)	
Environmental specs		
Temperature	Operating	0 to +40°C
	Non-operating	-20 to +80°C
Humidity	Operating	20 to 80%RH (No condensation)
	Non-operating	20 to 90%RH (No condensation)
Floating dust particles	Not to be excessive	
Corrosive gases	None	
Standard (Excluding AC power cable)	PSE, CE, CCC, UL/cUL, KC	
Construction		
Length of cable	AC Power cable: 1.8m, DC cable: 1.2m	
Input Plug Shape	AC Code : IEC60320-C5 AC Adapter Inlet : IEC60320-C6	
Physical dimensions (mm)	37.8 (W) x 89.8 (D) x 27.0 (H) (not include projection of cable)	
Weight	Main body: 150g, AC power cable: 180g	
MTBF *1	100,000H (temperature 25°C)	
Longevity *1	1.2 years (temperature 25°C, 100VAC, with full load) 5.2 years (temperature 25°C, 100VAC, with half load)	

\*1 Estimates of MTBF and Longevity are not guaranteed but are for reference only.

Physical Dimensions



Included Items

- Product...1
- AC power cable (for 100VAC, 3-pin) \*1...1
- Please read the following...1

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