

## AC-DC Power Module 5V 700mA

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### Overview

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This AC-DC Power power Module 5V 700mA V1 is an isolated-type industrial level power module that can be used in AC-DC power converting. When the situations of over voltage, over current and short circuit appear, this module will help to protect whole device by locking up. What's more, It can realize isolating the high and low voltage and support AC 85~265V input and DC 5V output.

### Specification

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Model	IM141016001
Voltage Input	AC 85 ~ 265v 50/60HZ or DC100v-370v
Voltage Output	DC5V ( $\pm 0.2V$ )
Current Output	700mA
Power	3.5W
Size	3*2*1.8cm

### Electronic Characteristics

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#### Using Environment

	Unit	Min	Typical	Max	Test condition
Working Temperature	°C	-20		60	
Relative Humidity	%RH	40		90	Without cooling

#### Input

	Unit	Min	Typical	Max
Voltage Input	V ac	85	110/220	265
Voltage Input	V dc	100	150/300	370
Current Input	A	0.0273(AC110V)- 0.014(AC220V)		
Inrush current	A	20		

#### Output

Voltage output	Minimum current	Maximum current	Peak current	Voltage output range
+5V	0A	700mA	800mA	4.80~5.2V