



## ***EXTRA TEST DATA OF PLA50F-5***

*Regulated DC Power Supply  
Jul 20, 2021*

**COSEL CO.,LTD.**

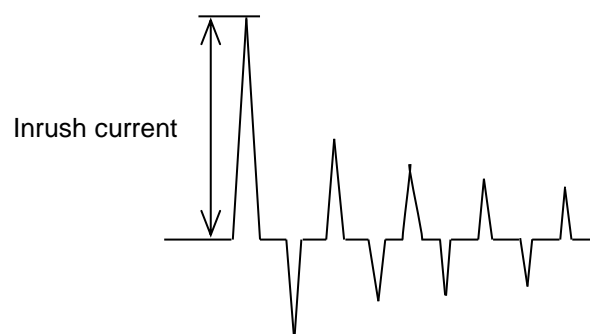
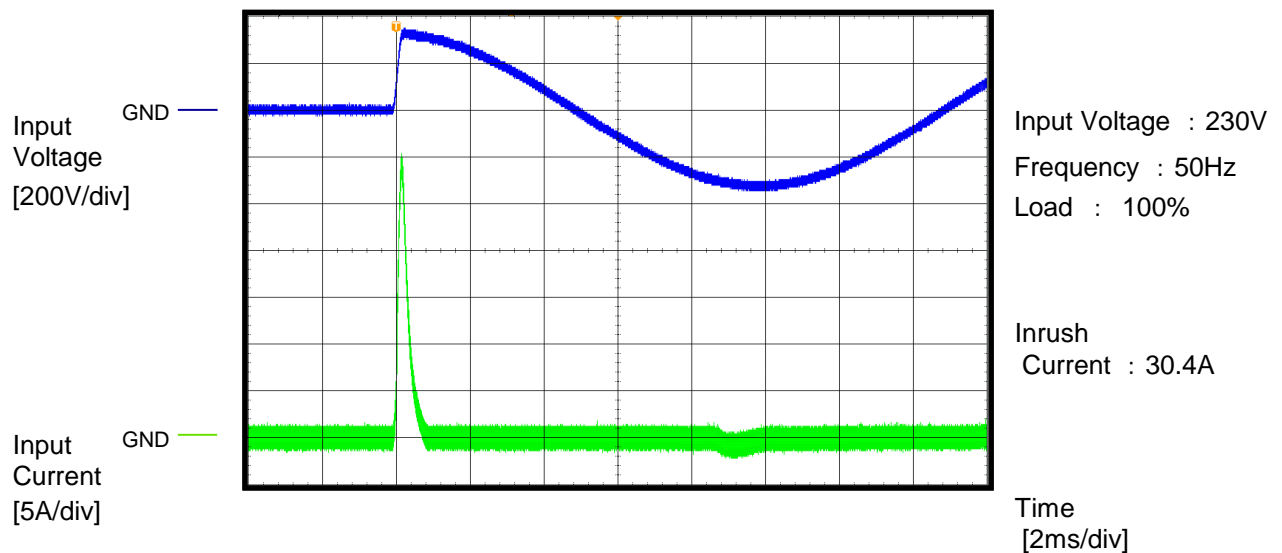
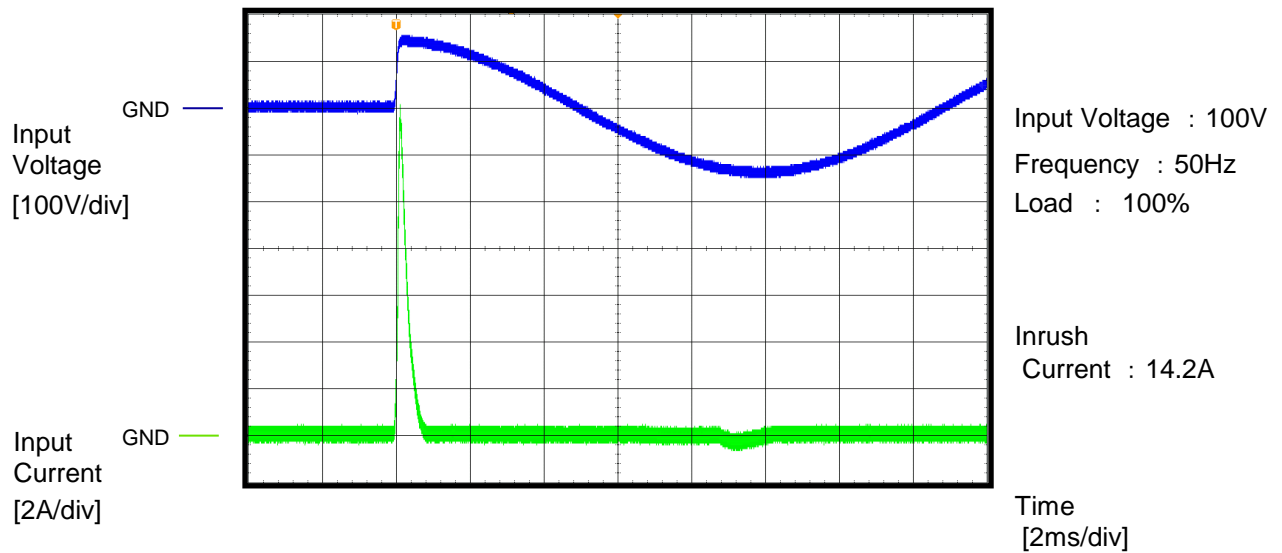
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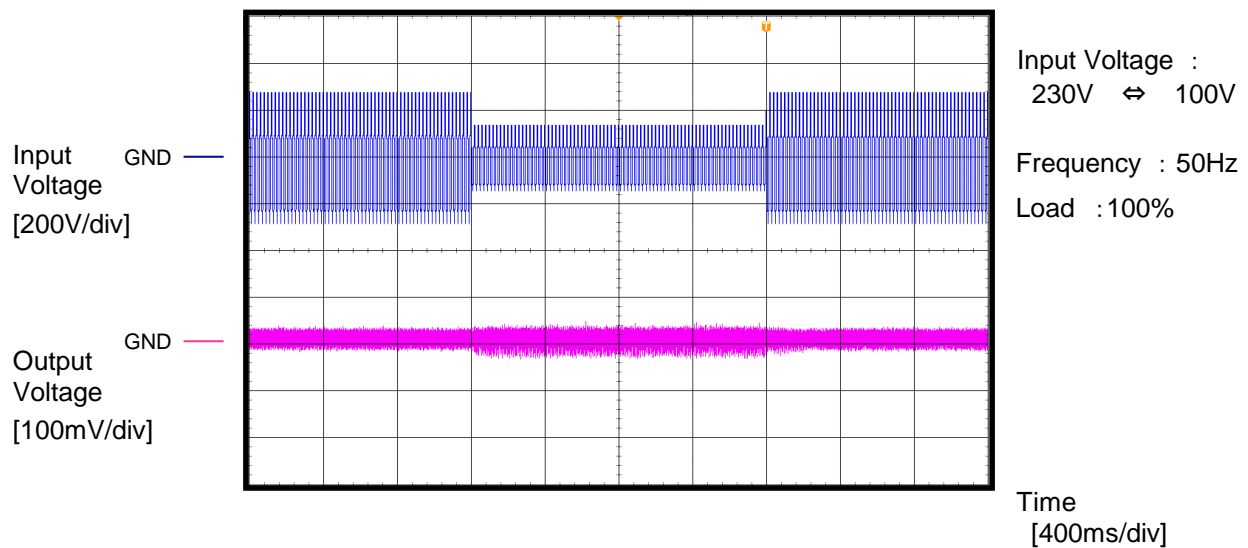
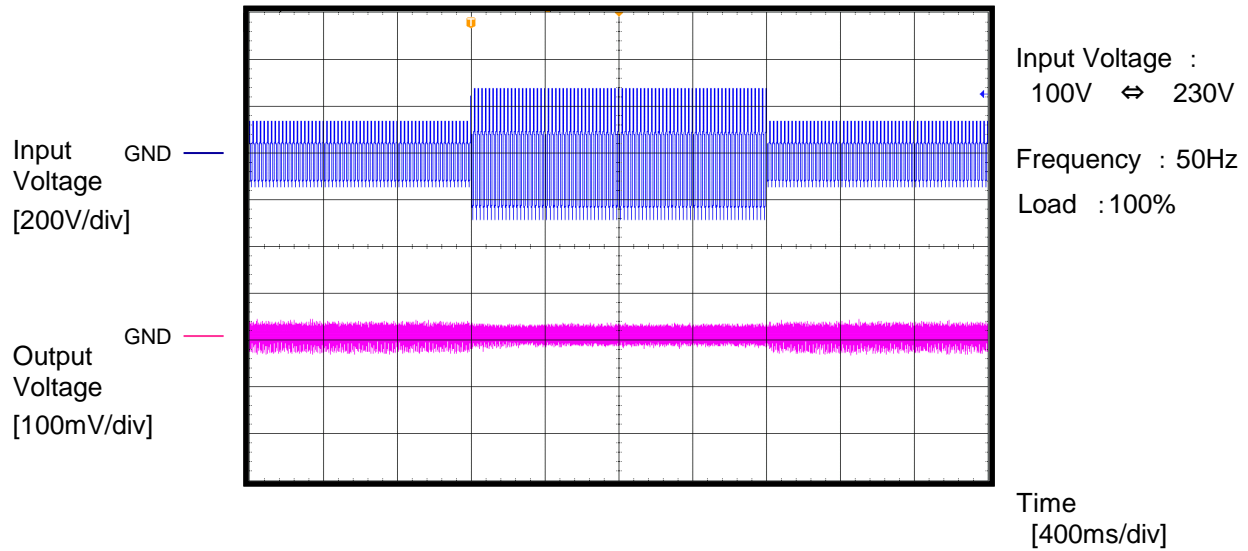
**COSEL**

Model	PLA50F-5	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		



**COSEL**

Model	PLA50F-5	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

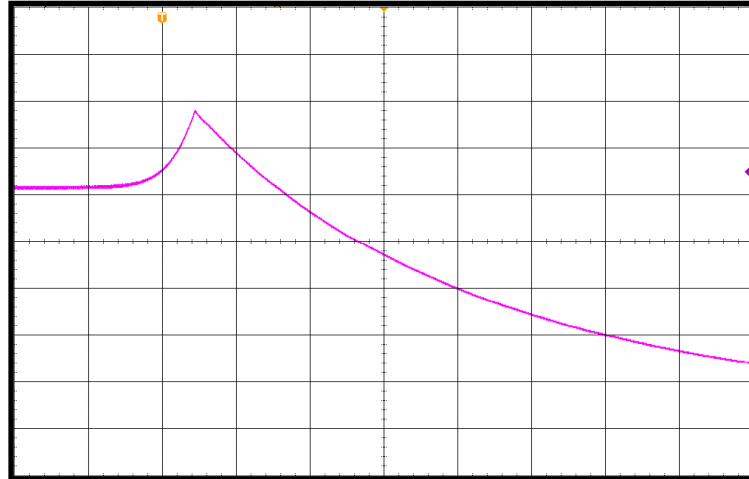


**COSEL**

Model	PLA50F-5	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object	_____	Input Voltage	: 100V

Output  
Voltage  
[1V/div]

GND

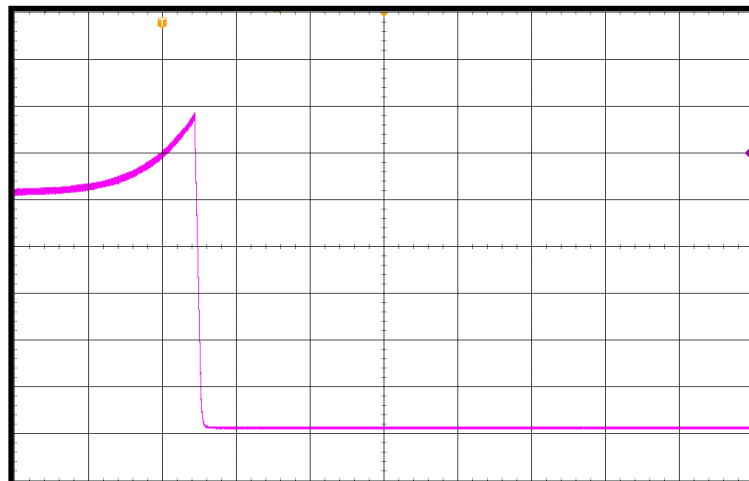


Load : 0%  
Overvoltage protection  
value : 6.8V

Time  
[40ms/div]

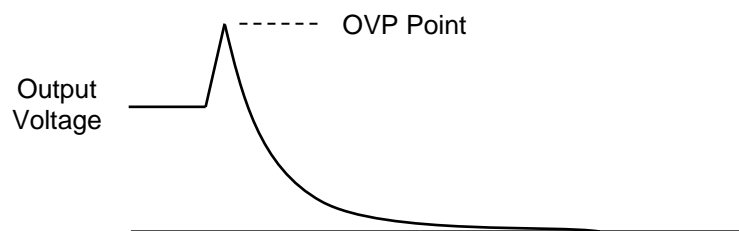
Output  
Voltage  
[1V/div]

GND



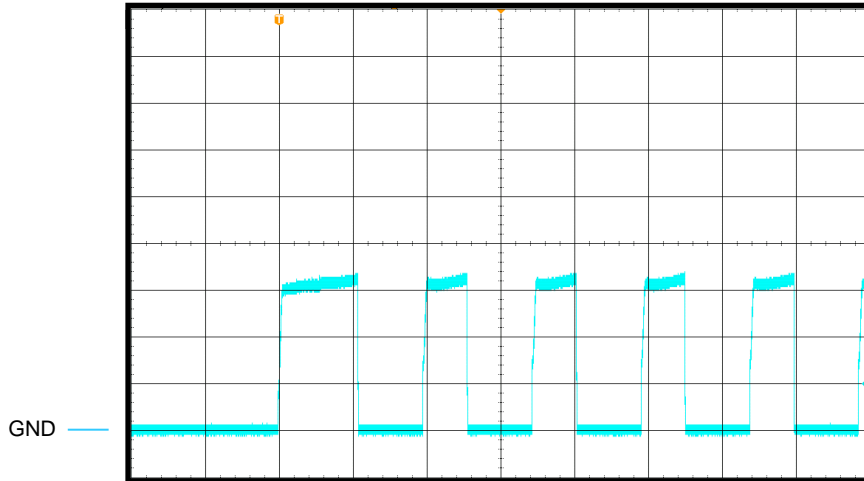
Load : 100%  
Overvoltage protection  
value : 6.9V

Time  
[20ms/div]



**COSEL**

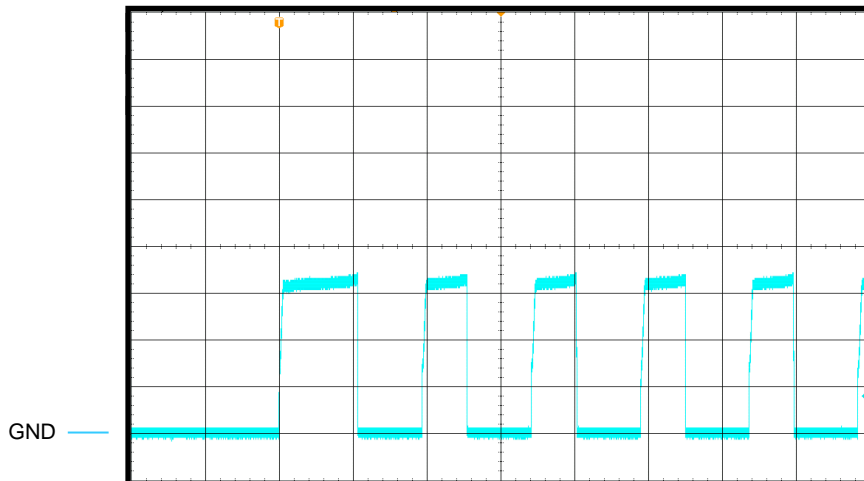
Model	PLA50F-5	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output Current  
[5A/div]

Input Voltage : 100V

Short-circuit  
current : 17A

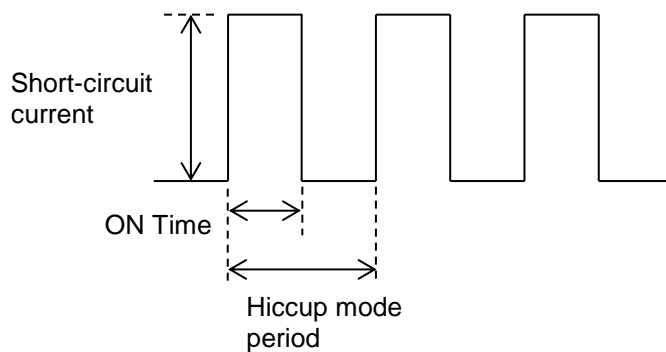
ON Time : 212ms

Short circuit  
period : 390msTime  
[200ms/div]Output Current  
[5A/div]

Input Voltage : 230V

Short-circuit  
current : 17.2A

ON Time : 211ms

Short circuit  
period : 386msTime  
[200ms/div]

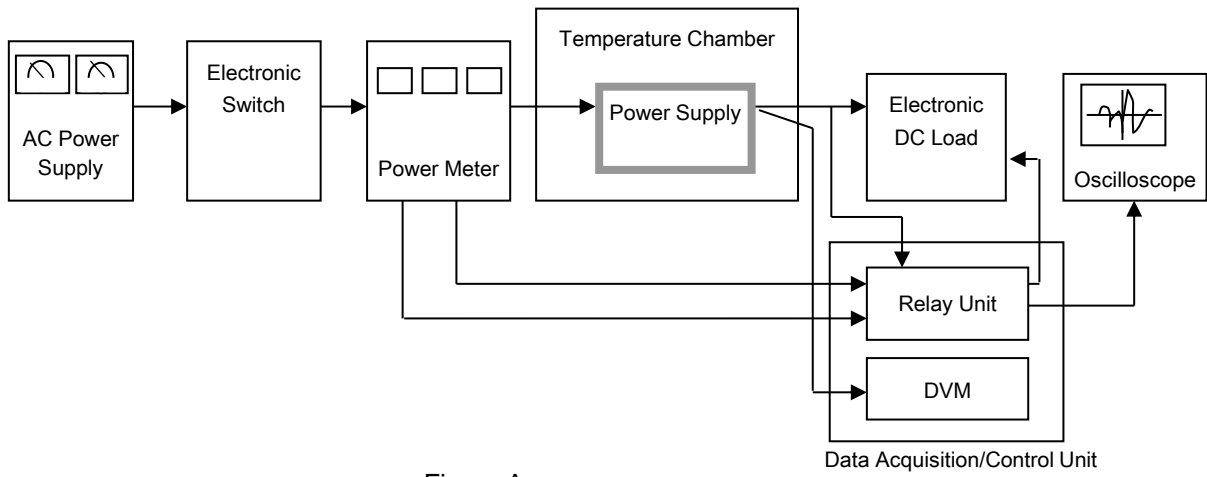


Figure A