



EXTRA TEST DATA OF PLA50F-12

*Regulated DC Power Supply
Jul 20, 2021*

COSEL CO.,LTD.

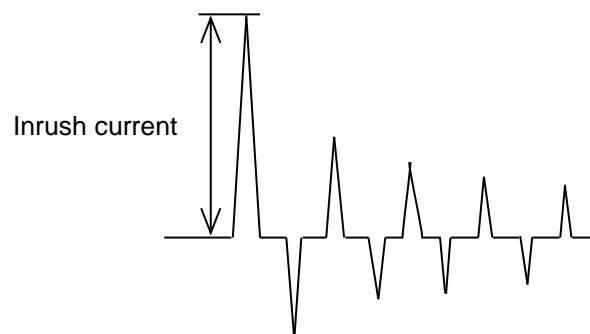
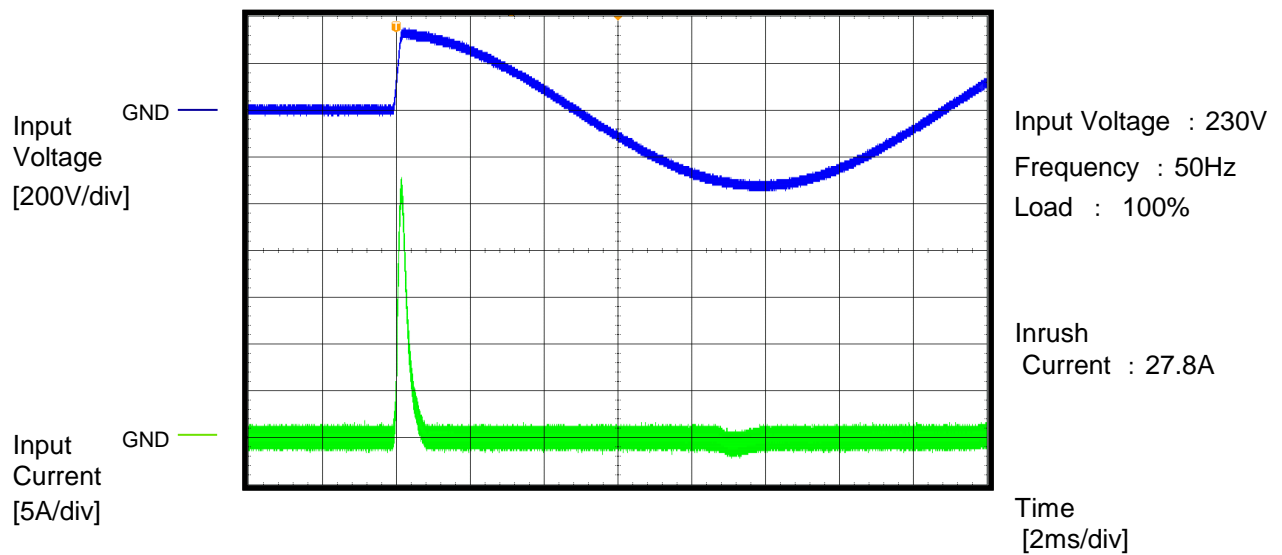
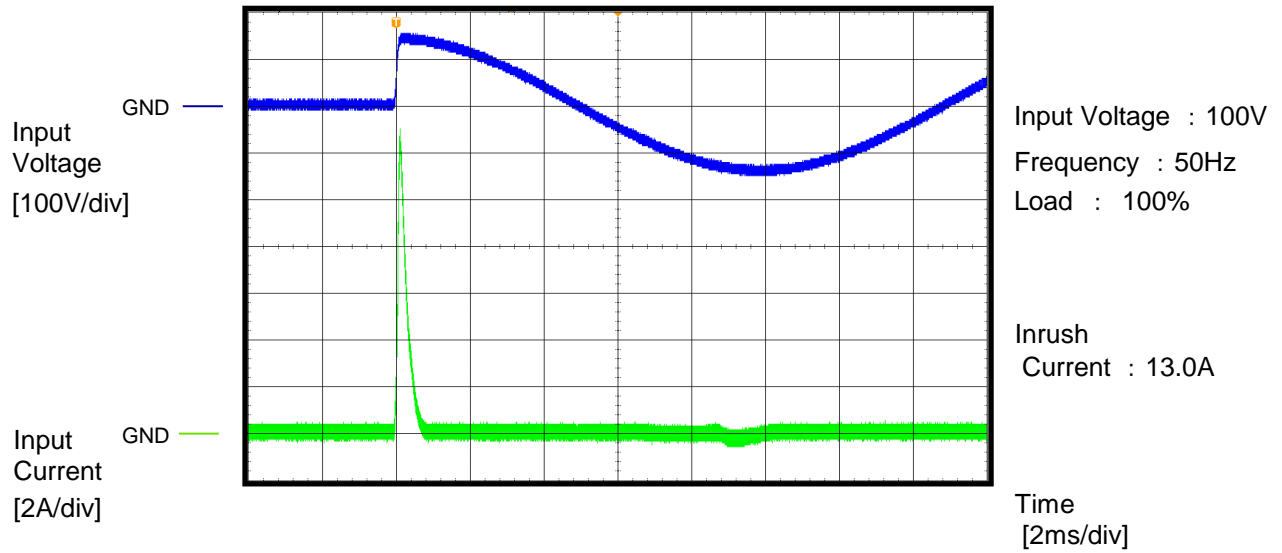
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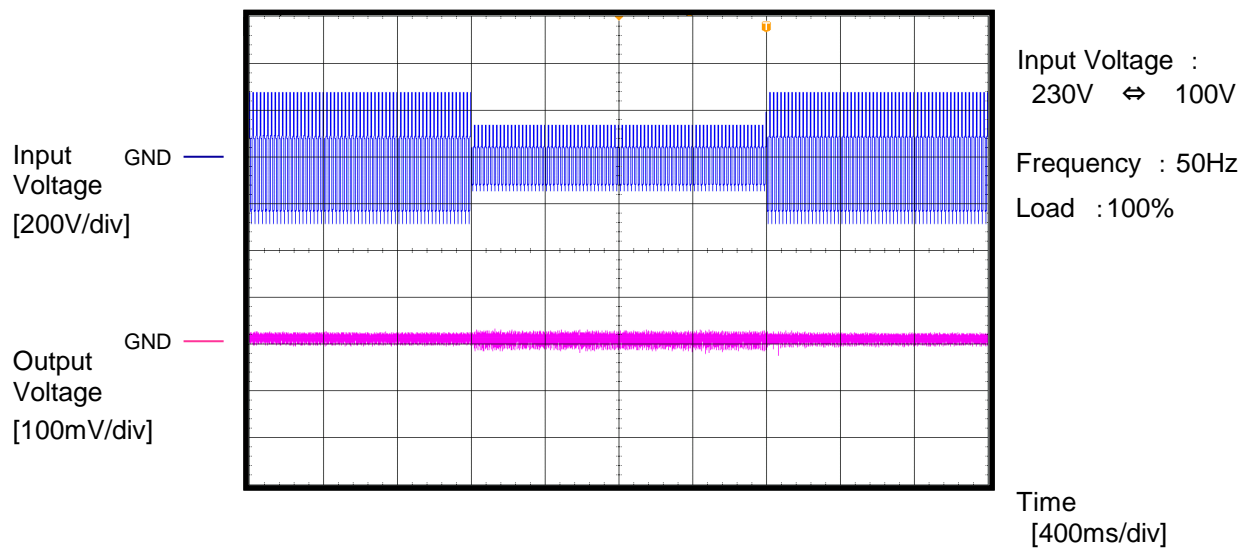
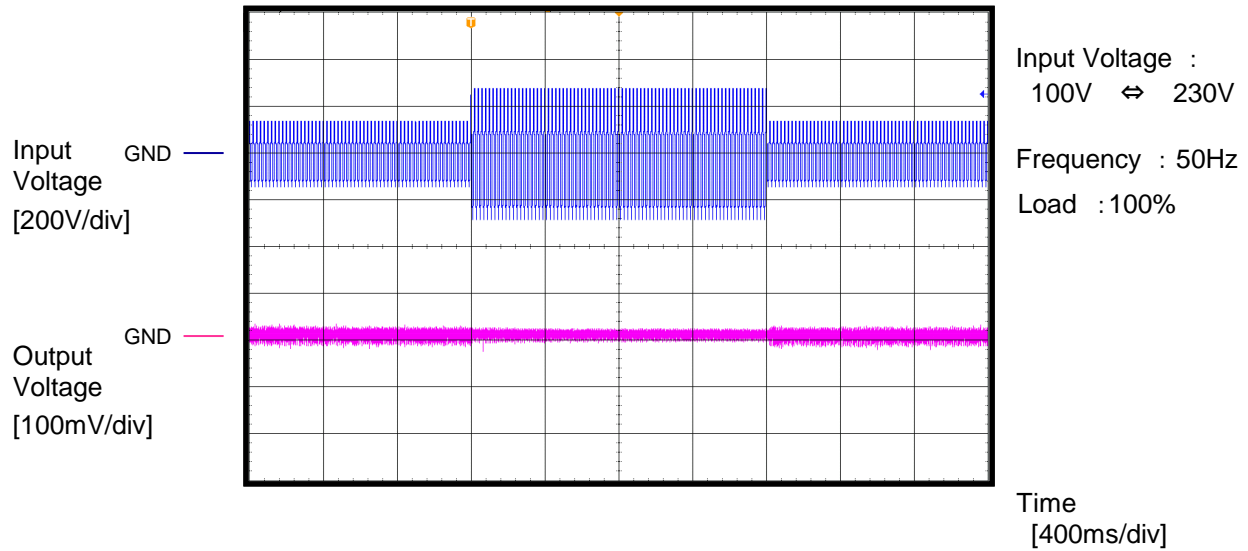
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Model	PLA50F-12	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		



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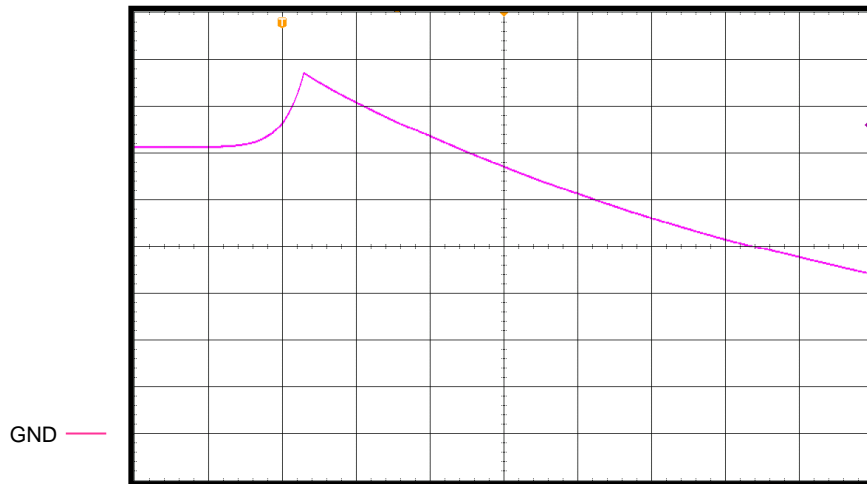
Model	PLA50F-12	Temperature 25°C Testing Circuitry A
Item	Dynamic Line Regulation	
Object	_____	



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Model	PLA50F-12	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object	_____	Input Voltage : 100V	

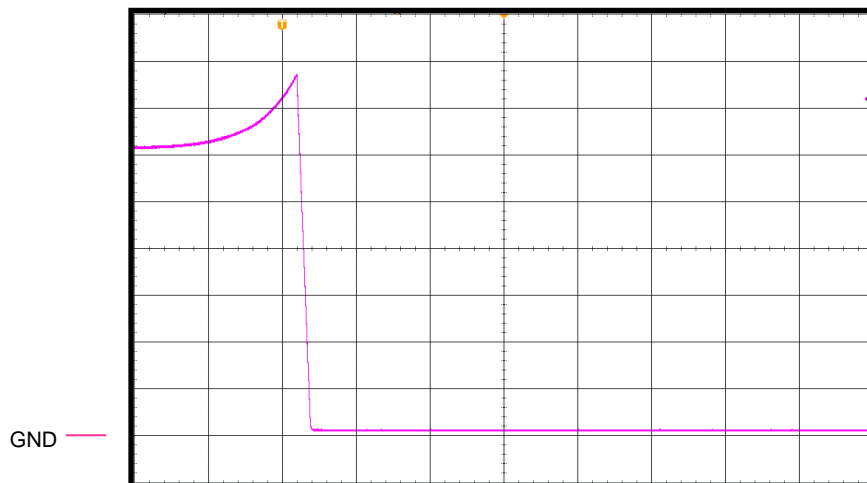
Output
Voltage
[2V/div]



Load : 0%
Overvoltage protection
value : 15.5V

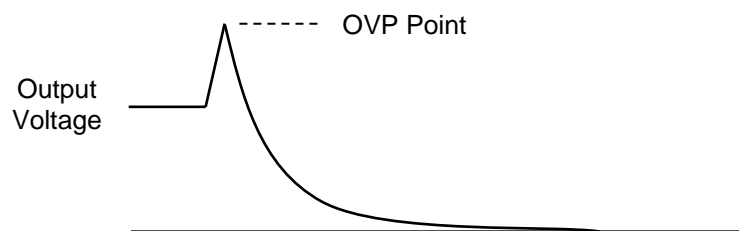
Time
[40ms/div]

Output
Voltage
[2V/div]



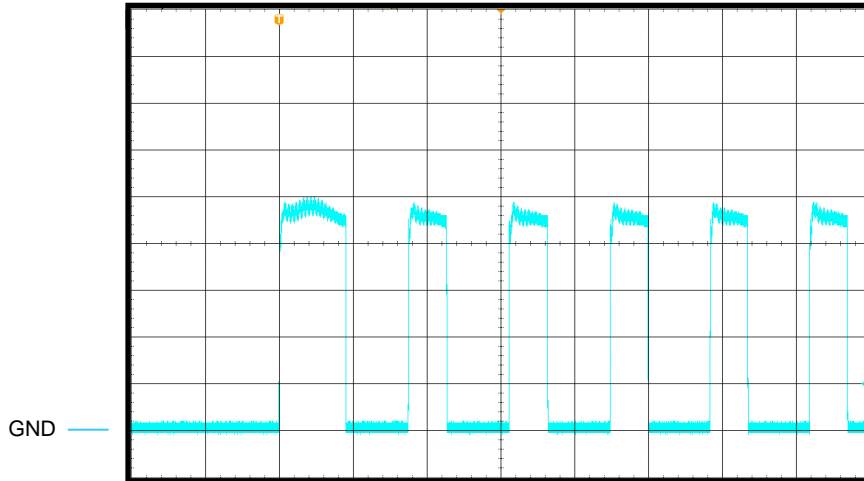
Load : 100%
Overvoltage protection
value : 15.5V

Time
[20ms/div]



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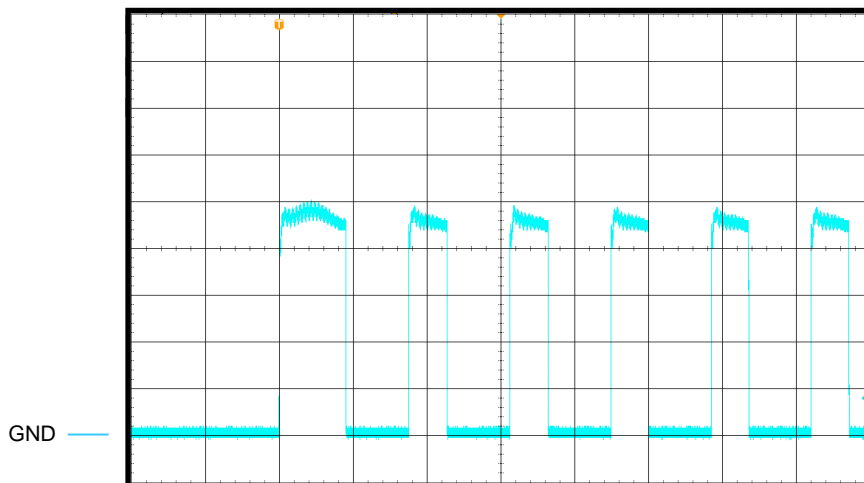
Model	PLA50F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output Current
[2A/div]

Input Voltage : 100V

Short-circuit
current : 10A

ON Time : 181ms

Short circuit
period : 350msTime
[200ms/div]Output Current
[2A/div]

Input Voltage : 230V

Short-circuit
current : 10.1A

ON Time : 181ms

Short circuit
period : 351msTime
[200ms/div]