



## ***EXTRA TEST DATA OF LHA15F-12***

*Regulated DC Power Supply  
Aug, 20, 2022*

**COSEL CO.,LTD.**

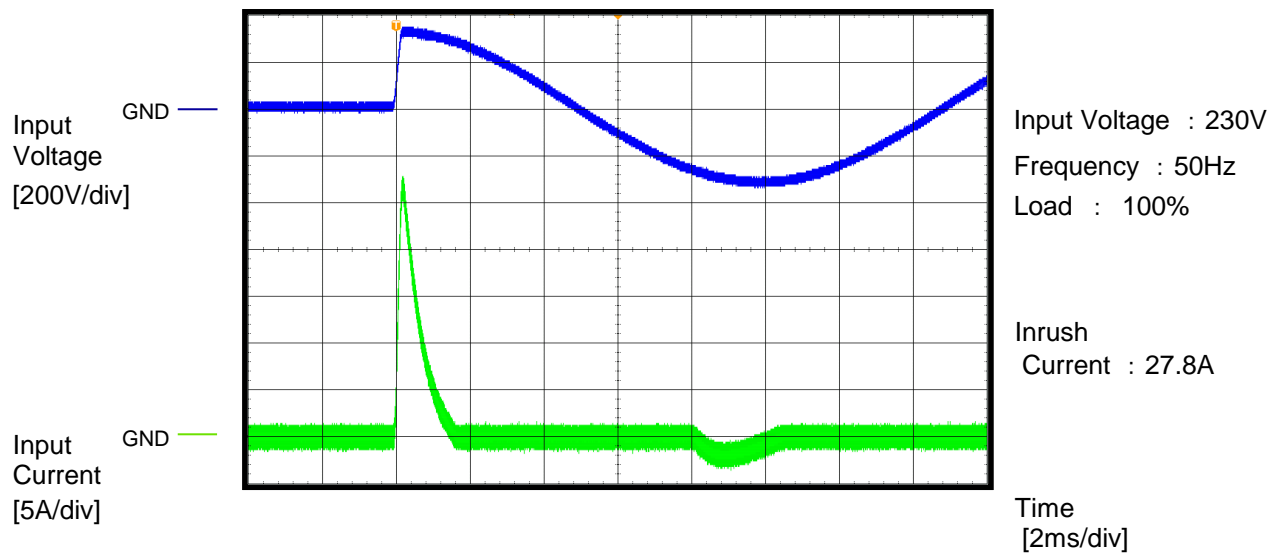
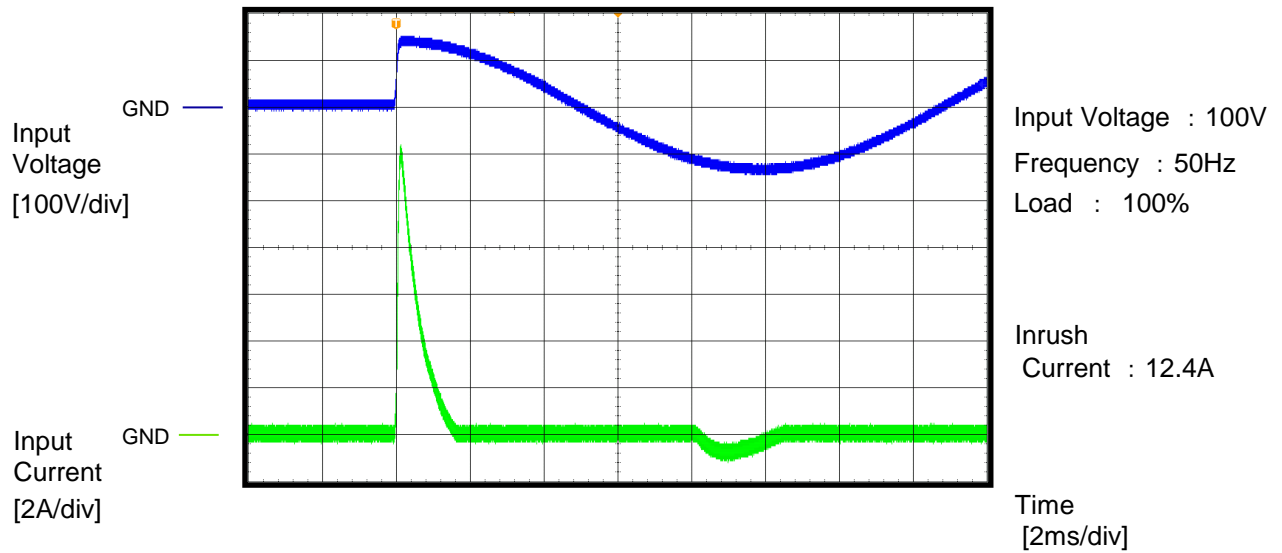
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**COSEL**

Model	LHA15F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object	_____	Testing Circuitry	A

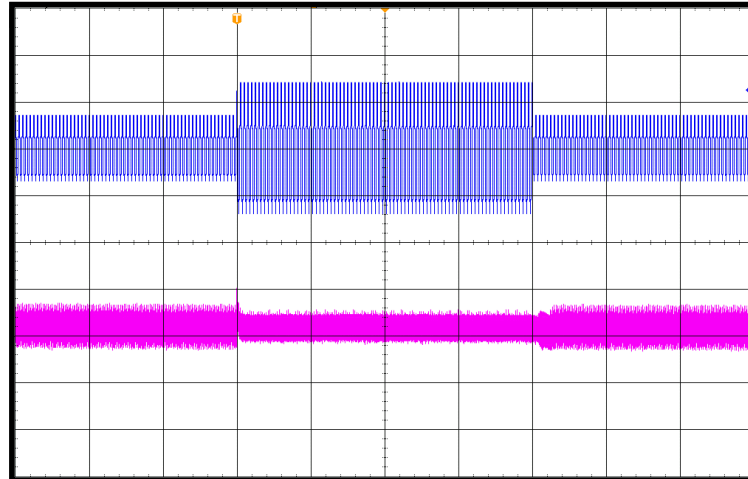


**COSEL**

Model	LHA15F-12	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]



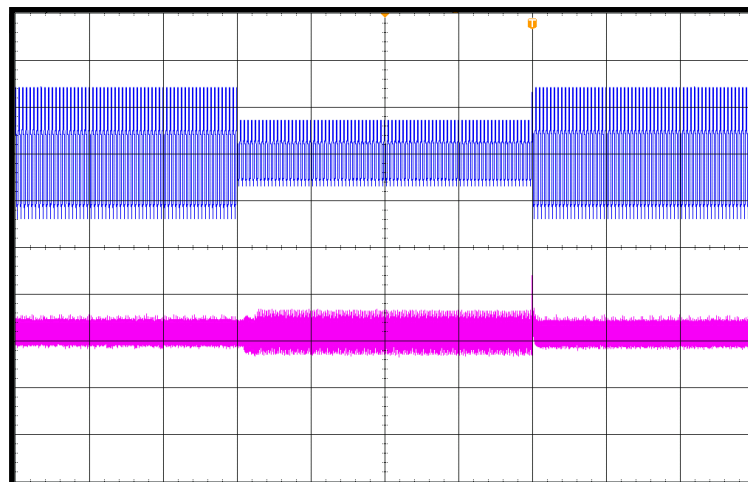
Input Voltage :  
100V  $\Leftrightarrow$  230V

Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

Input Voltage  
[200V/div]

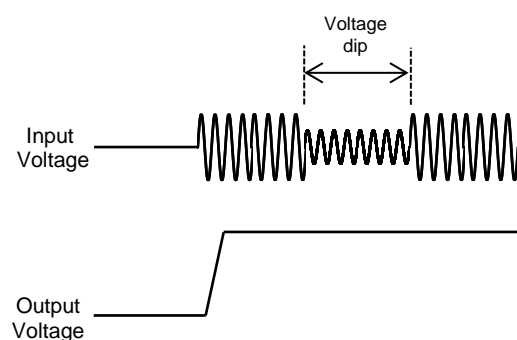
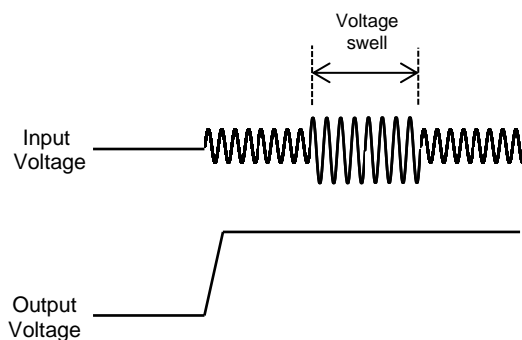
Output Voltage  
[50mV/div]



Input Voltage :  
230V  $\Leftrightarrow$  100V

Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

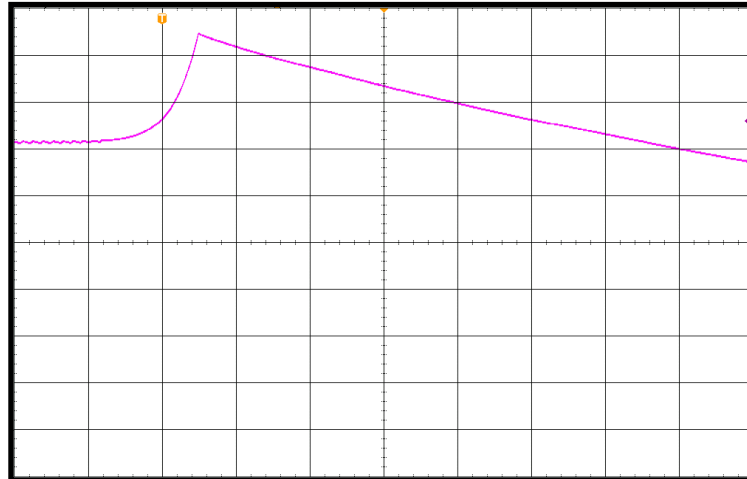


**COSEL**

Model	LHA15F-12	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object	_____	Input Voltage : 100V	

Output  
Voltage  
[2V/div]

GND



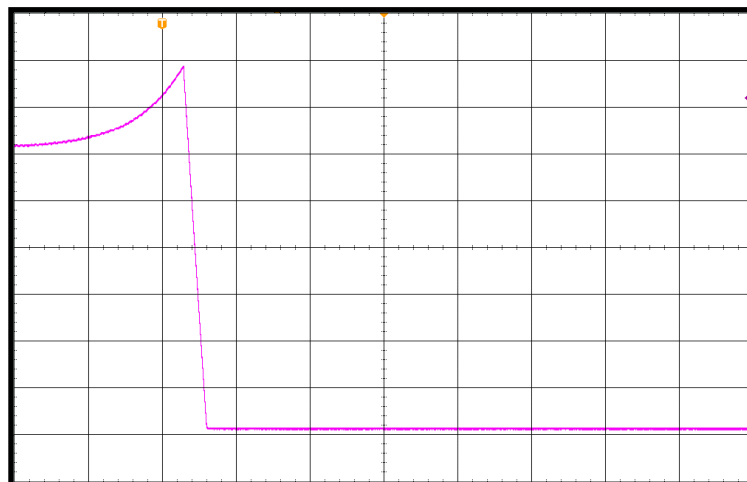
Load : 0%

Overvoltage protection  
value : 17.0V

Time  
[40ms/div]

Output  
Voltage  
[2V/div]

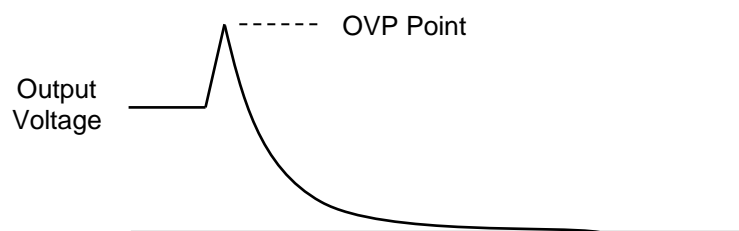
GND



Load : 100%

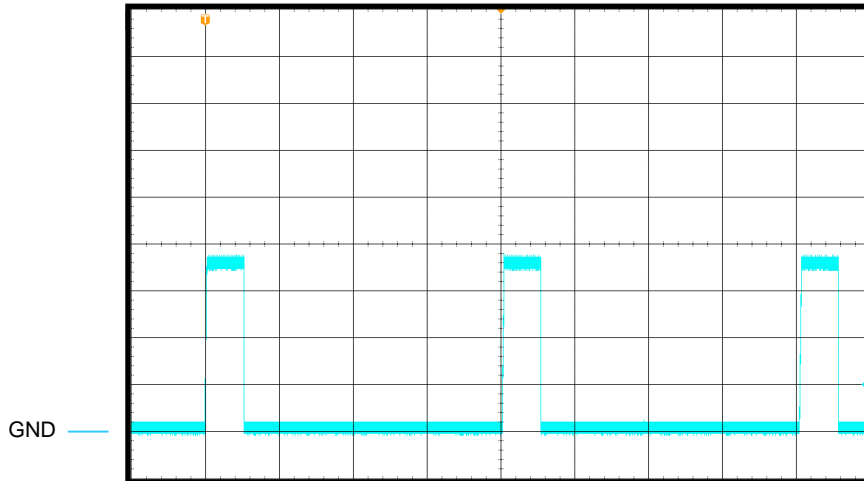
Overvoltage protection  
value : 15.8V

Time  
[20ms/div]



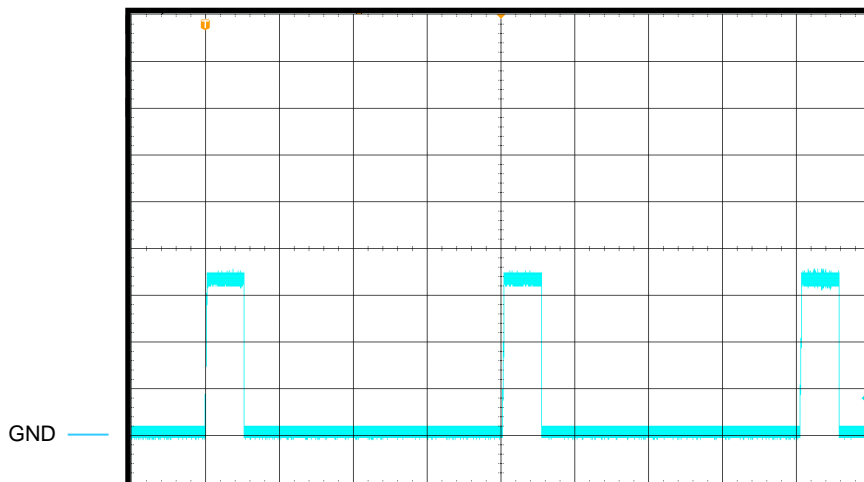
Model	LHA15F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output  
Current  
[1A/div]

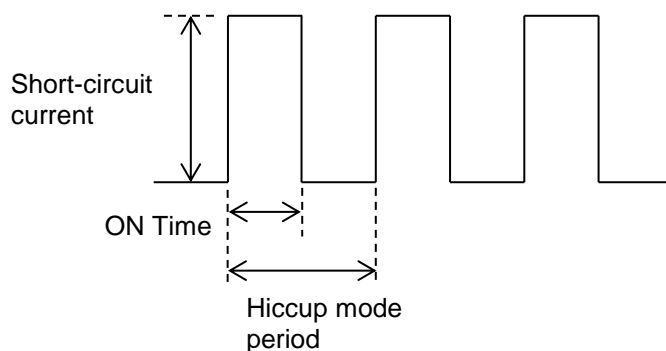


Time  
[400ms/div]

Output  
Current  
[1A/div]



Time  
[400ms/div]



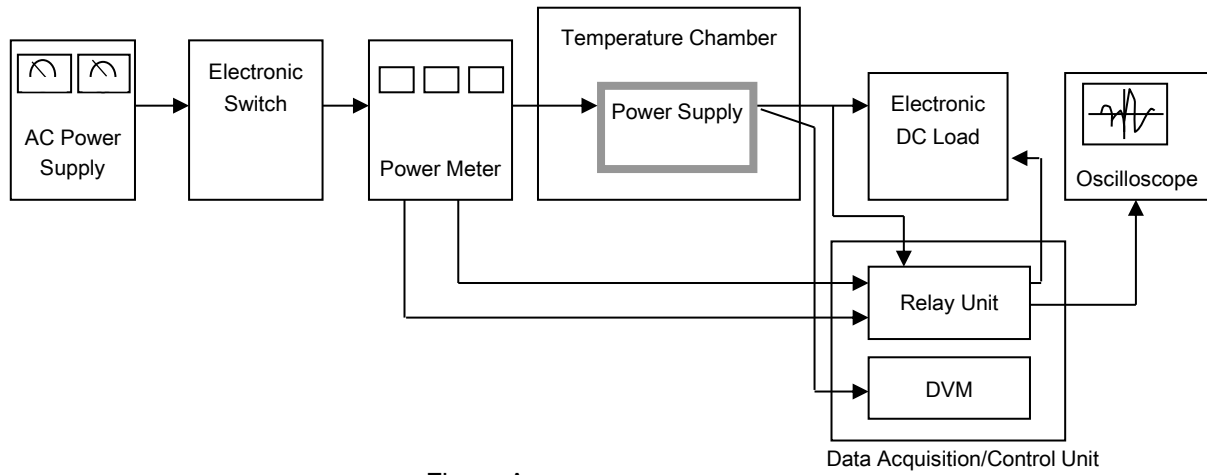


Figure A