



## ***EXTRA TEST DATA OF LHA30F-15***

*Regulated DC Power Supply  
Feb 20, 2021*

**COSEL CO.,LTD.**

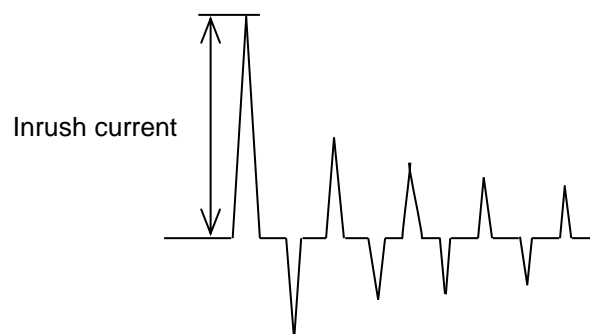
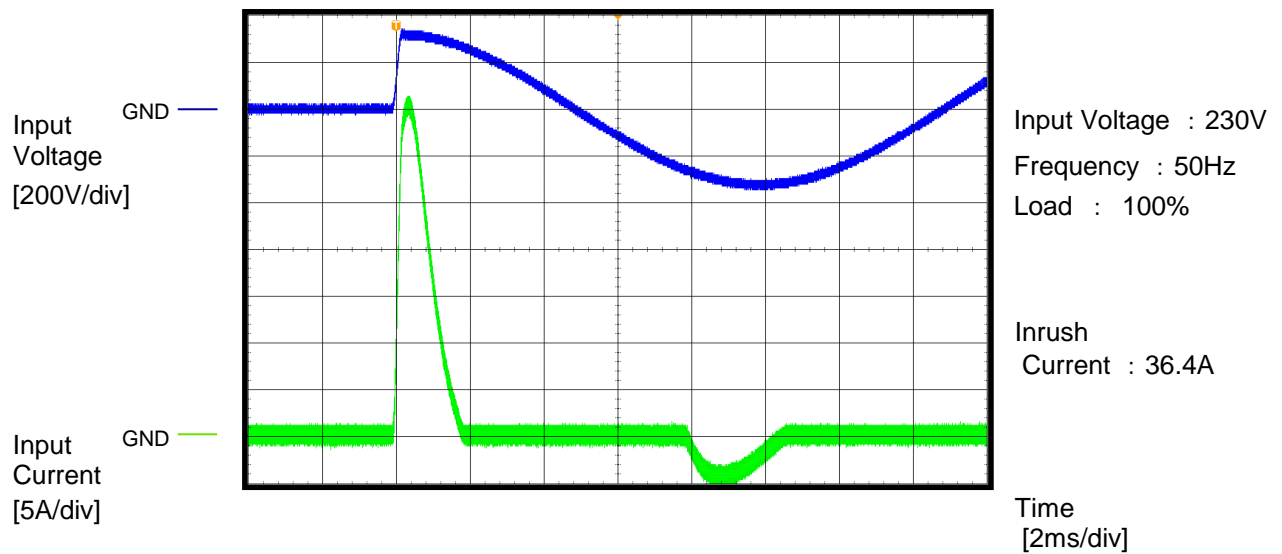
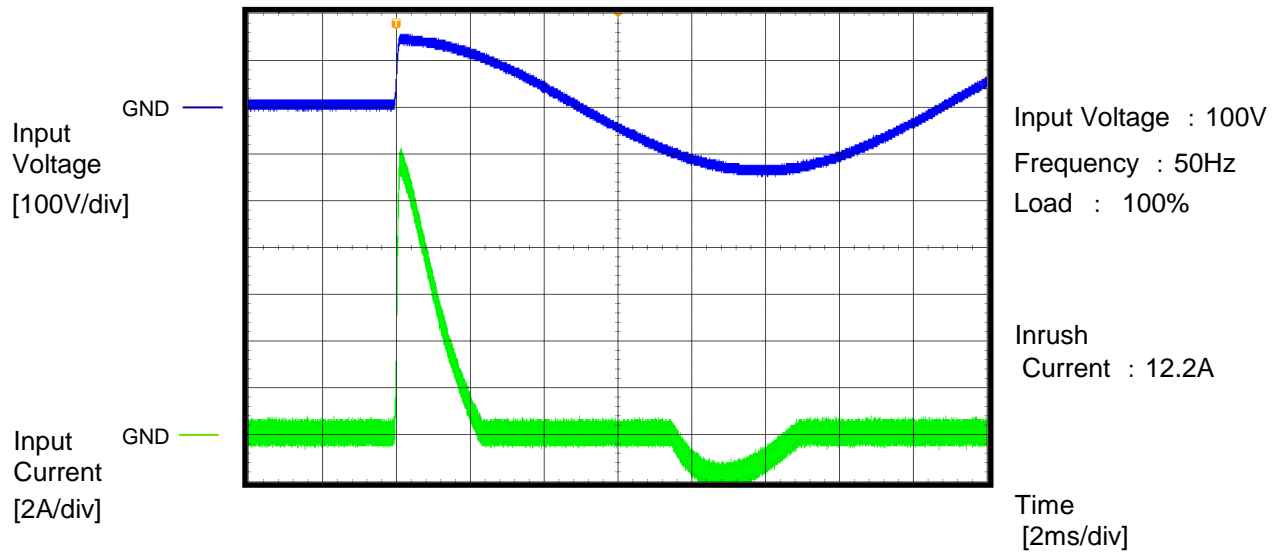
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**COSEL**

Model	LHA30F-15	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		

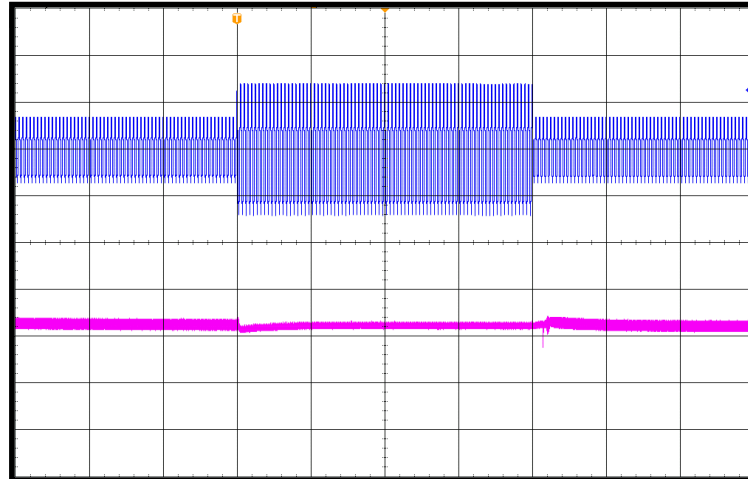


**COSEL**

Model	LHA30F-15	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]



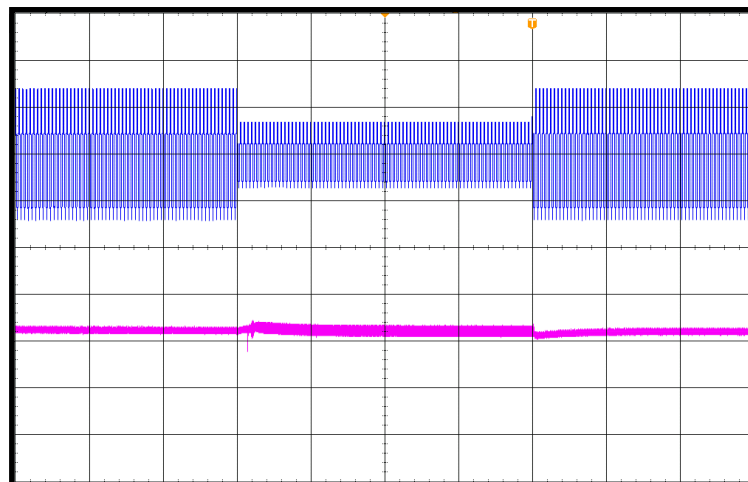
Input Voltage :  
100V  $\Leftrightarrow$  230V

Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

Input Voltage  
[200V/div]

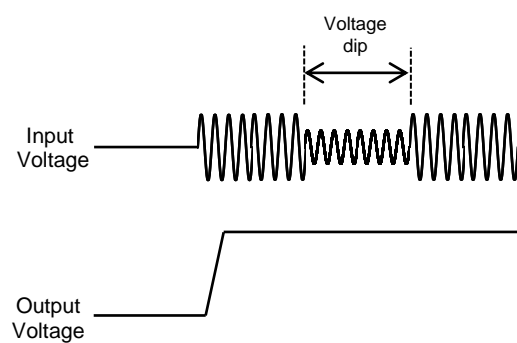
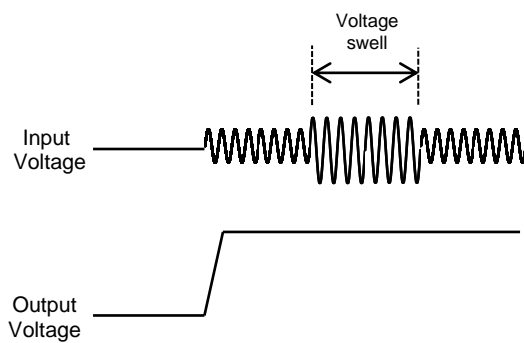
Output Voltage  
[50mV/div]



Input Voltage :  
230V  $\Leftrightarrow$  100V

Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

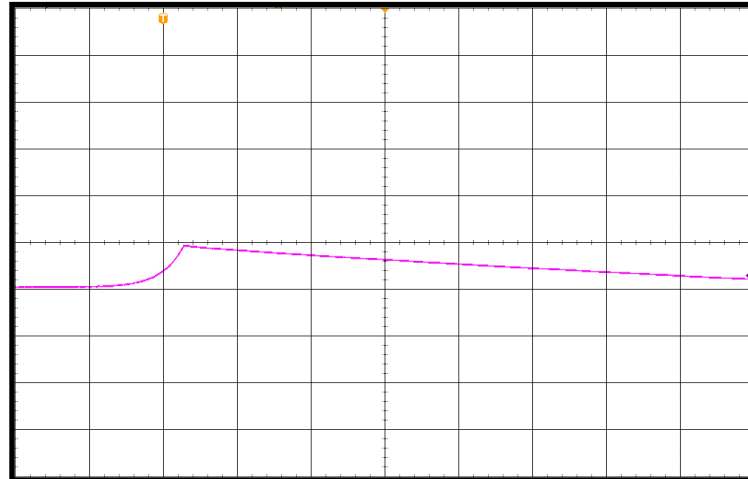


**COSEL**

Model	LHA30F-15	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object	_____	Input Voltage : 100V	

Output Voltage  
[5V/div]

GND



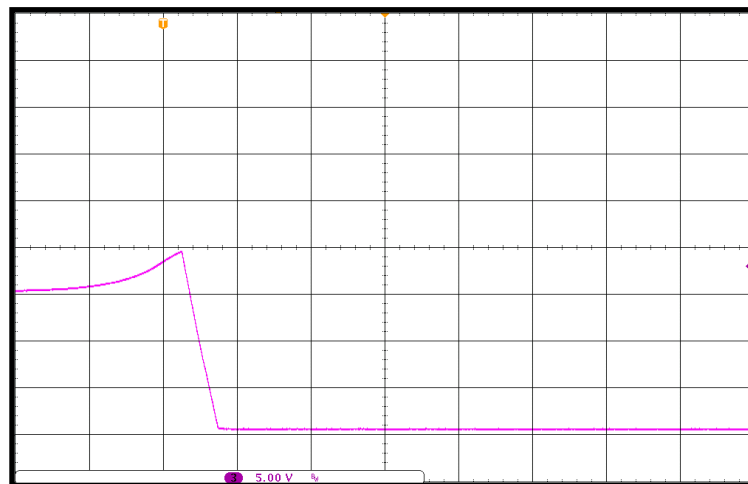
Load : 0%

Overvoltage protection  
value : 19.7V

Time  
[40ms/div]

Output Voltage  
[5V/div]

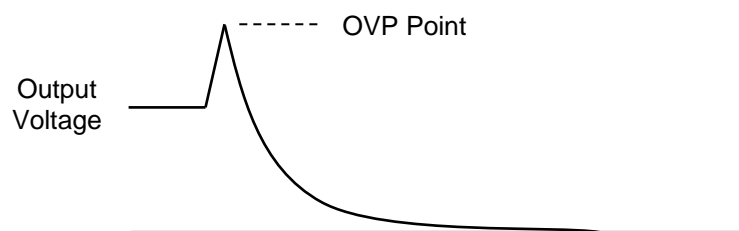
GND



Load : 100%

Overvoltage protection  
value : 19.6V

Time  
[20ms/div]

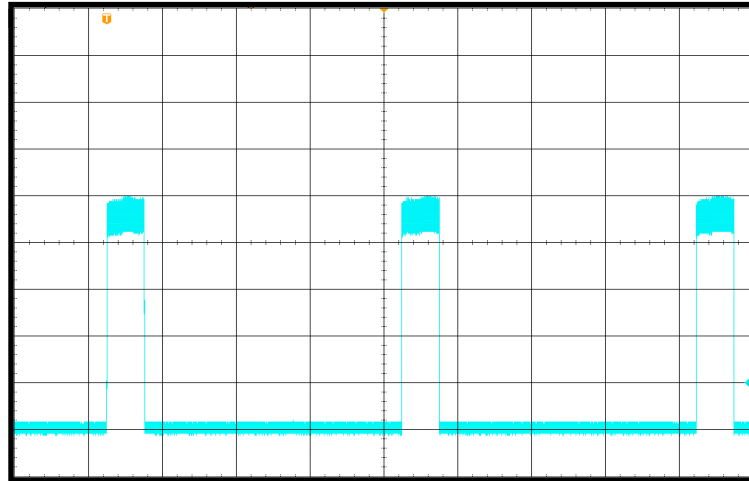


**COSEL**

Model	LHA30F-15	Temperature	25°C
Item	Short Circuit Current	Testing Circuitry	A
Object	_____	Load	: Short

Output Current  
[1A/div]

GND



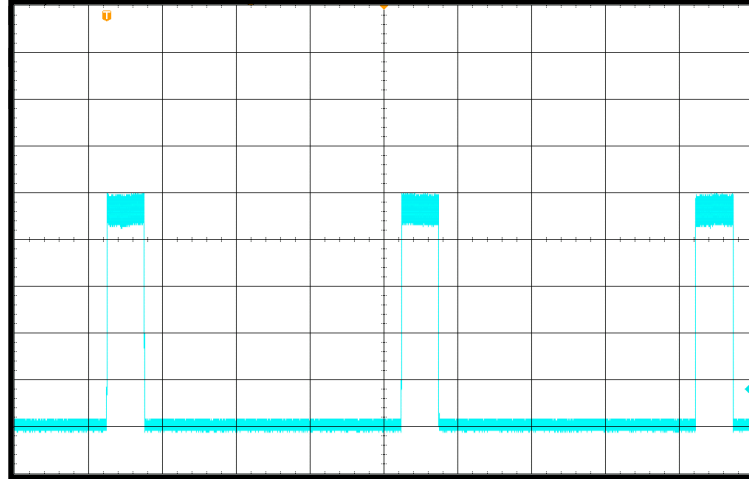
Input Voltage : 100V

Short-circuit  
current : 5A

ON Time : 204ms

Short circuit  
period : 1598msTime  
[400ms/div]Output Current  
[1A/div]

GND



Input Voltage : 230V

Short-circuit  
current : 5A

ON Time : 204ms

Short circuit  
period : 1596msTime  
[400ms/div]