



## ***EXTRA TEST DATA OF LHA150F-24***

*Regulated DC Power Supply  
Mar 20, 2021*

**COSEL CO.,LTD.**

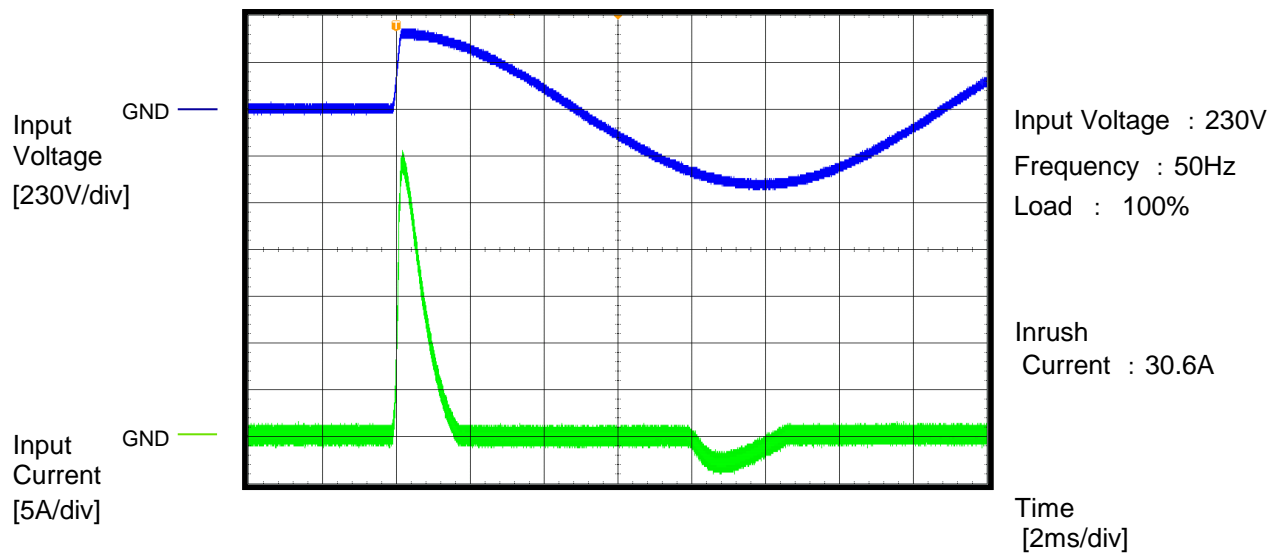
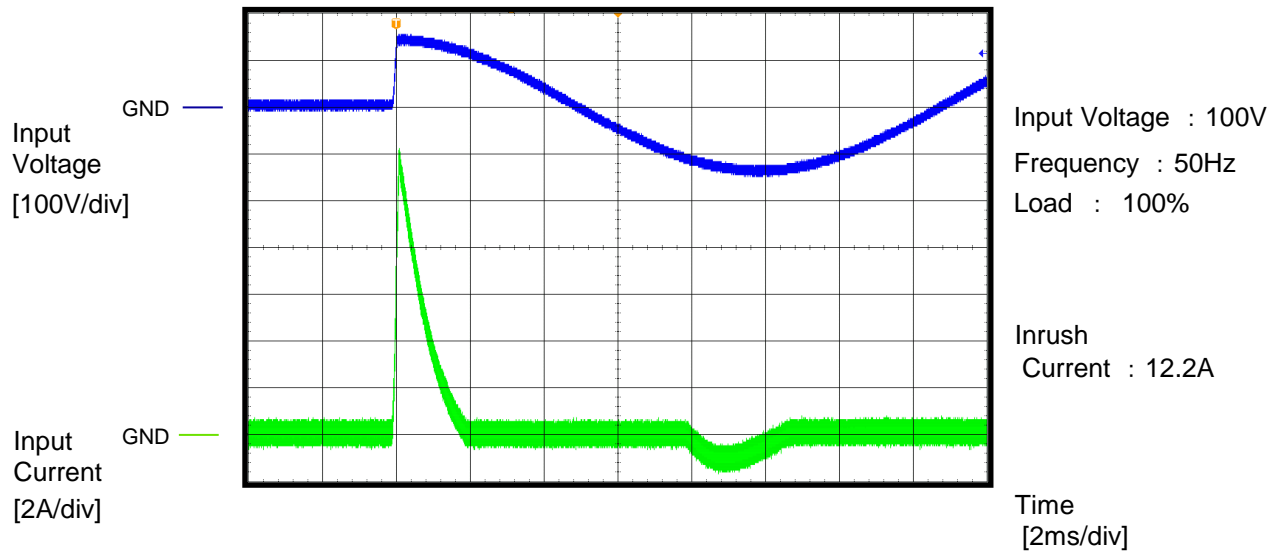
## CONTENTS

1.Inrush Current (enlargement) . . . . .	1
2.Dynamic Line Regulation . . . . .	2
3.Overtoltage Protection (waveform) . . . . .	3
4.Hiccup cycle (by Overcurrent Protection) . . . . .	4
5.Power Consumption (by Input Voltage) . . . . .	5
6.Figure of Testing Circuitry . . . . .	6

(Final Page 6)

**COSEL**

Model	LHA150F-24		
Item	Inrush Current (enlargement)	Temperature	25°C
Object	_____	Testing Circuitry	A

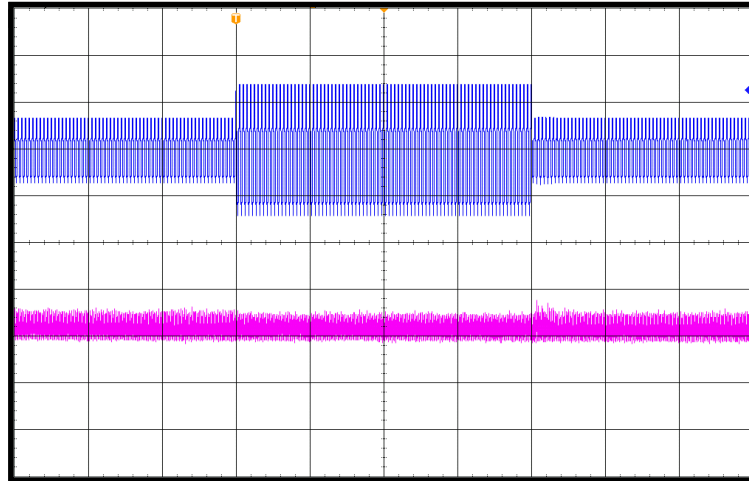


**COSEL**

Model	LHA150F-24	Temperature    25°C Testing Circuitry   A	
Item	Dynamic Line Regulation		
Object	_____		

Input Voltage GND —  
[200V/div]

Output Voltage GND —  
[100mV/div]



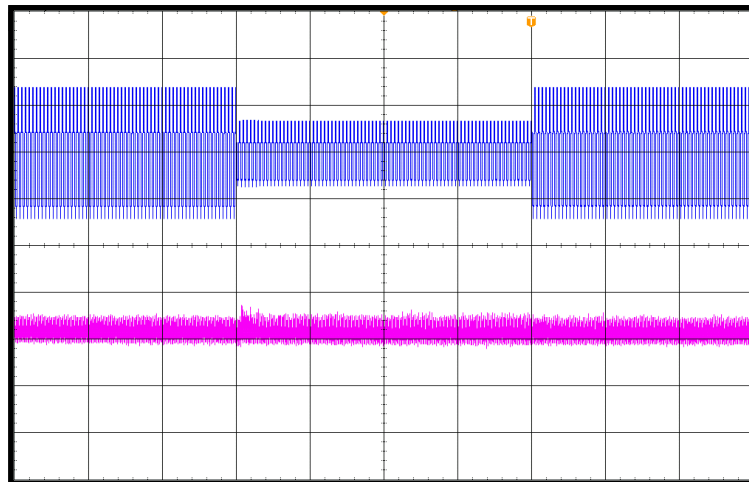
Input Voltage :  
100V ⇔ 230V

Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

Input Voltage GND —  
[200V/div]

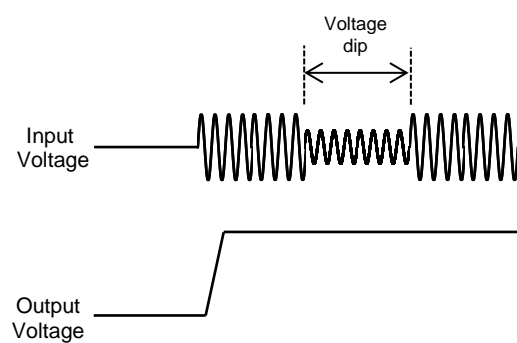
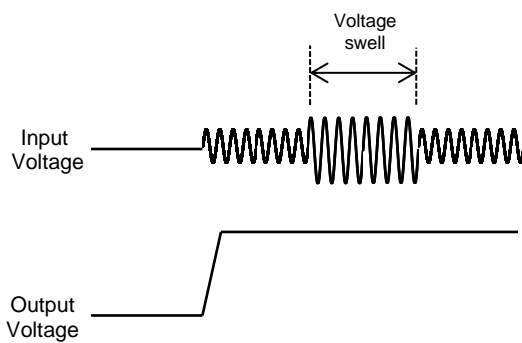
Output Voltage GND —  
[100mV/div]

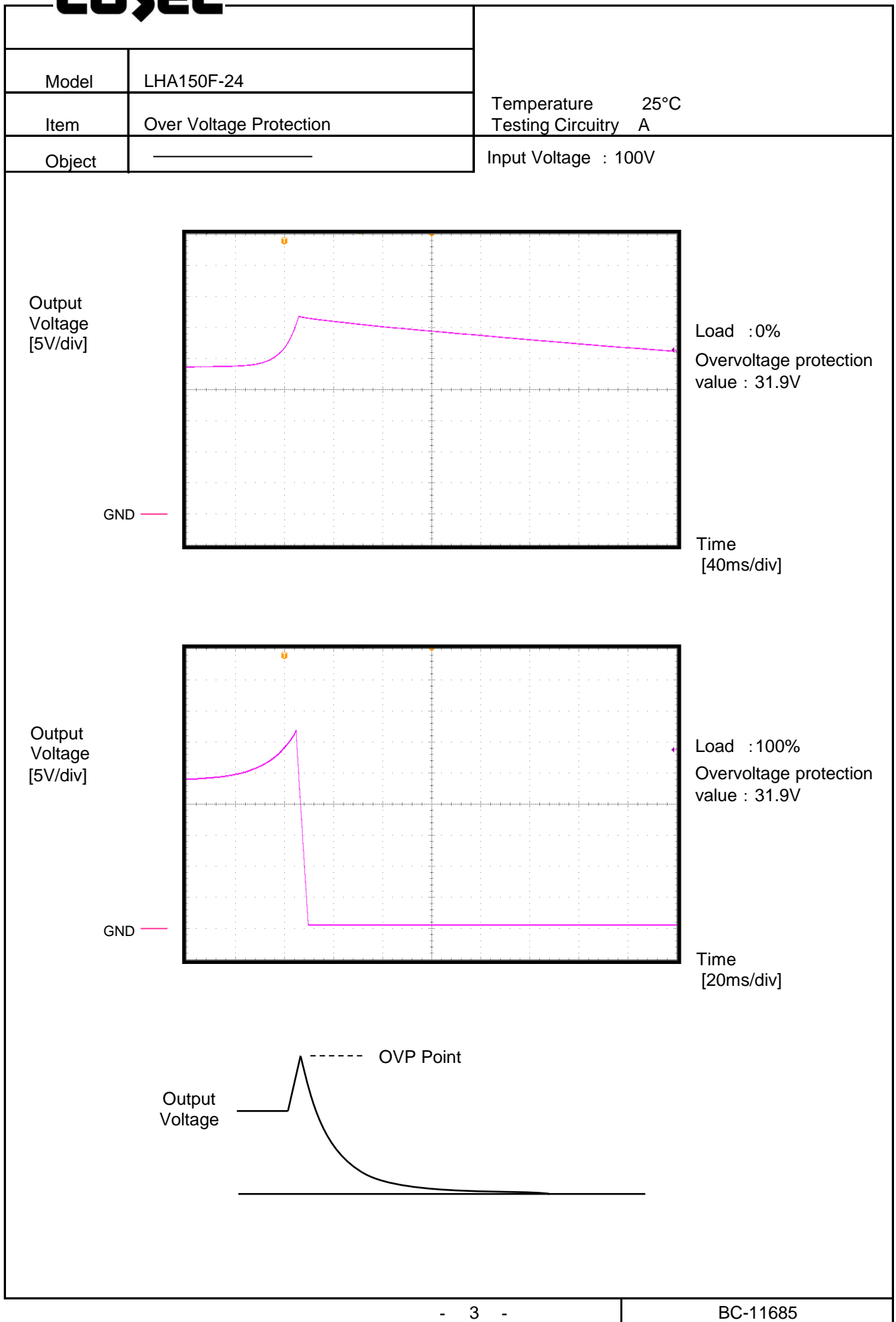


Input Voltage :  
230V ⇔ 100V

Frequency : 50Hz  
Load : 100%

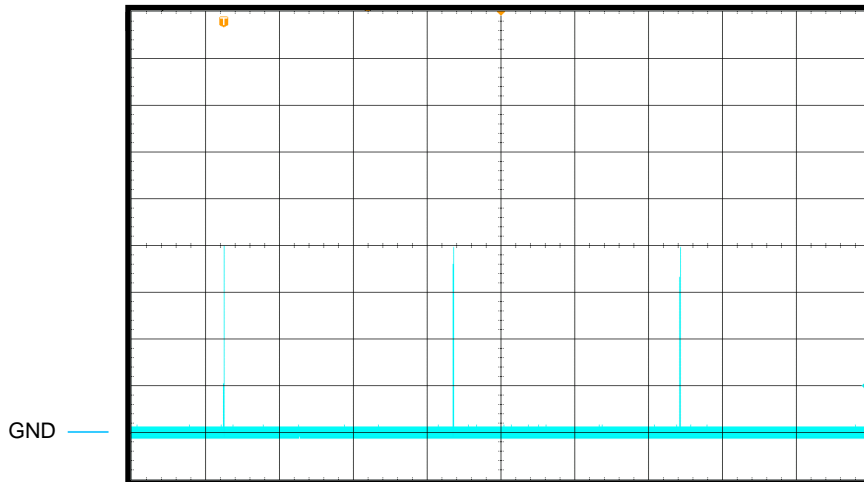
Time  
[400ms/div]



**COSEL**

**COSEL**

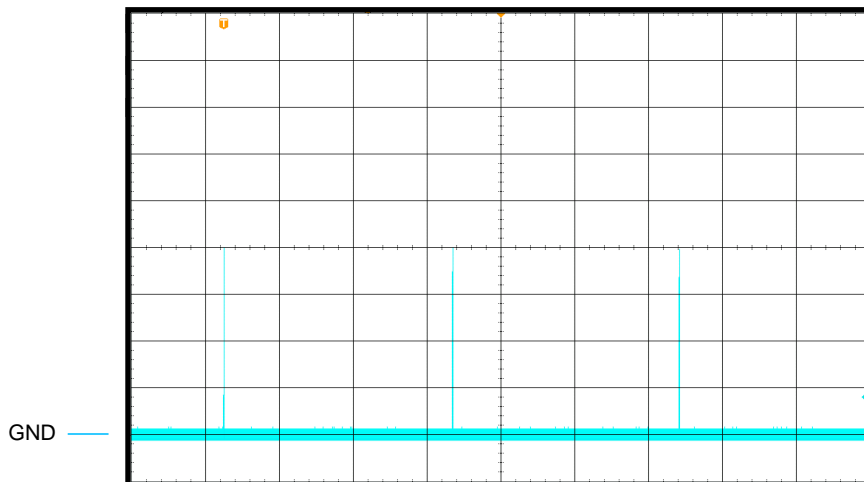
Model	LHA150F-24	Temperature	25°C
Item	Short Circuit Current	Testing Circuitry	A
Object	_____	Load	: Short

Output  
Current  
[5A/div]

Input Voltage : 100V

Short-circuit  
current : 20A

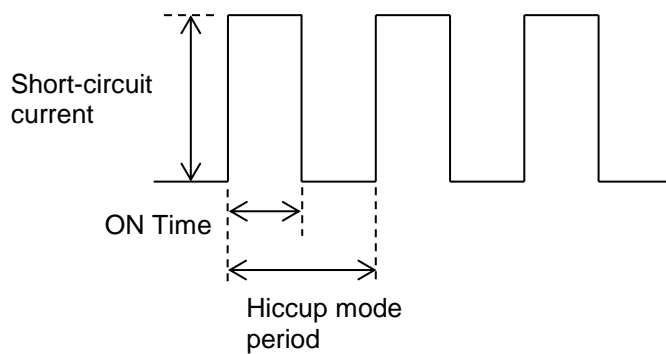
ON Time : 3ms

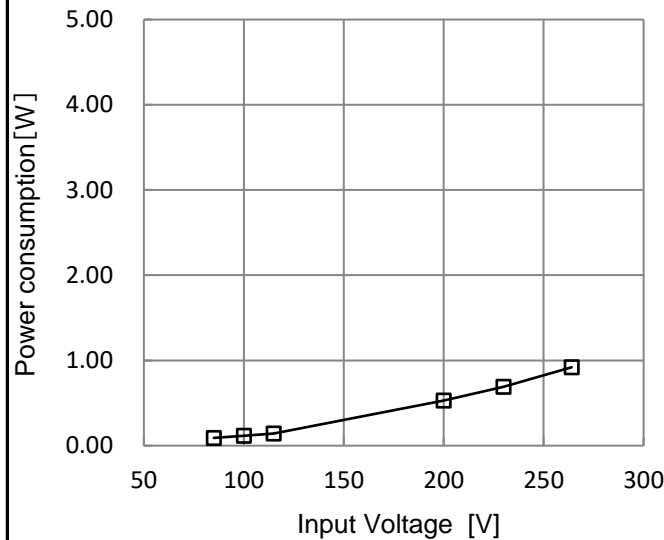
Short circuit  
period : 1242msTime  
[400ms/div]Output  
Current  
[5A/div]

Input Voltage : 230V

Short-circuit  
current : 20A

ON Time : 3ms

Short circuit  
period : 1239msTime  
[400ms/div]

Model	LHA150F-24-R2																
Item	Input voltage - Power consumption	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		Load :0%															
		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>0.09</td></tr><tr><td>100</td><td>0.12</td></tr><tr><td>115</td><td>0.14</td></tr><tr><td>200</td><td>0.53</td></tr><tr><td>230</td><td>0.69</td></tr><tr><td>264</td><td>0.92</td></tr></table>		Input voltage [V]	Power consumption [W]	85	0.09	100	0.12	115	0.14	200	0.53	230	0.69	264	0.92
Input voltage [V]	Power consumption [W]																
85	0.09																
100	0.12																
115	0.14																
200	0.53																
230	0.69																
264	0.92																
Reducing standby power is possible by OFF signal of the remote control.																	

- 5 -

BC-11685

