



## ***EXTRA TEST DATA OF PCA300F-5***

*Regulated DC Power Supply*  
*Nov, 20, 2023*

**COSEL CO.,LTD.**

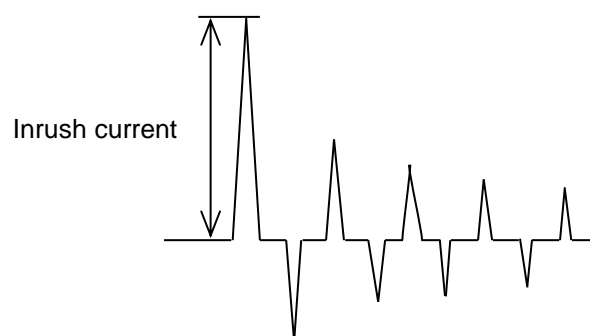
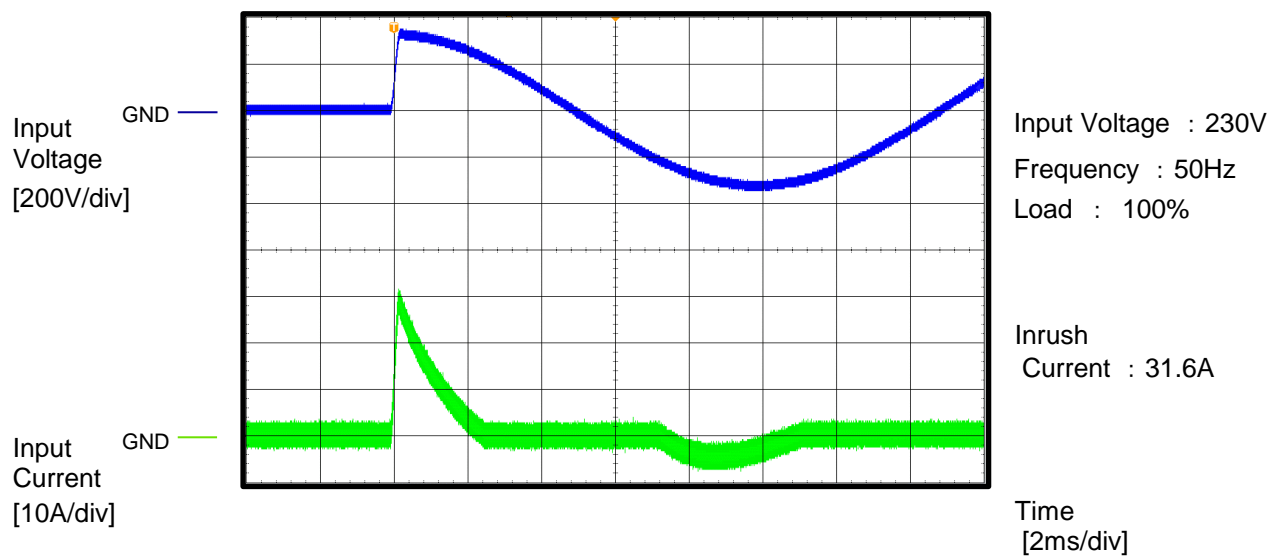
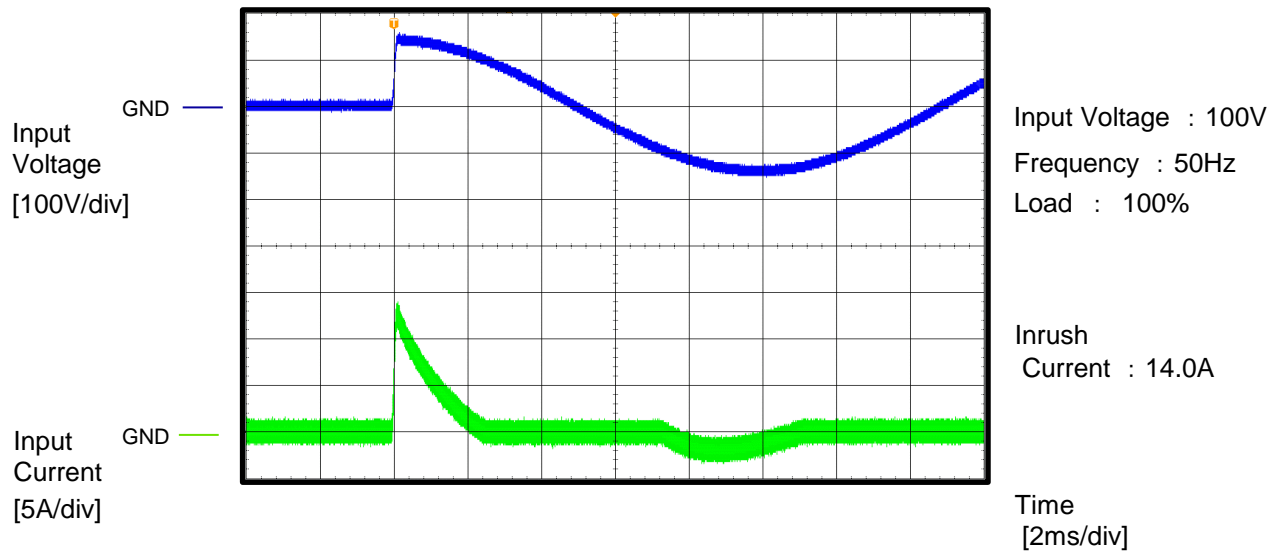
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**COSEL**

Model	PCA300F-5		
Item	Inrush Current (enlargement)	Temperature	25°C
Object	_____	Testing Circuitry	A

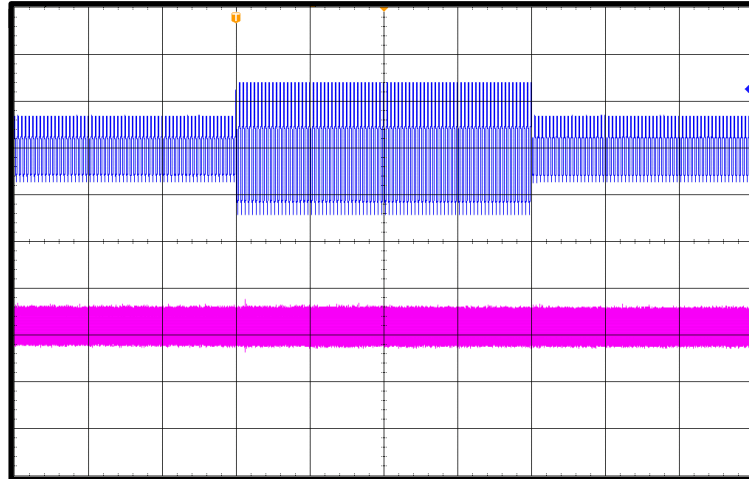


**COSEL**

Model	PCA300F-5	Temperature    25°C Testing Circuitry    A	
Item	Dynamic Line Regulation		
Object	_____		

Input Voltage GND —  
[200V/div]

Output Voltage GND —  
[50mV/div]



Input Voltage :  
100V ⇔ 230V

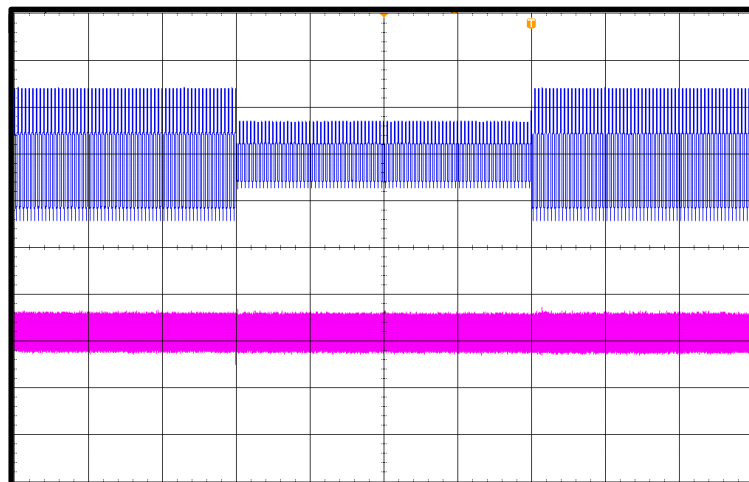
Frequency : 50Hz

Load : 100%

Time  
[400ms/div]

Input Voltage GND —  
[200V/div]

Output Voltage GND —  
[50mV/div]

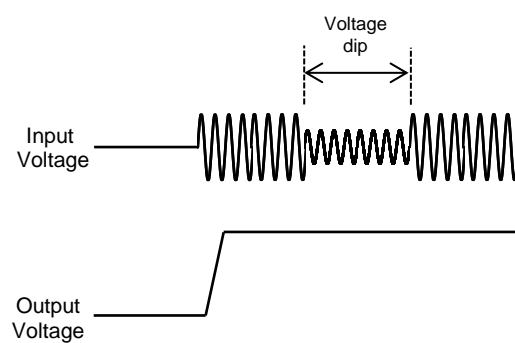
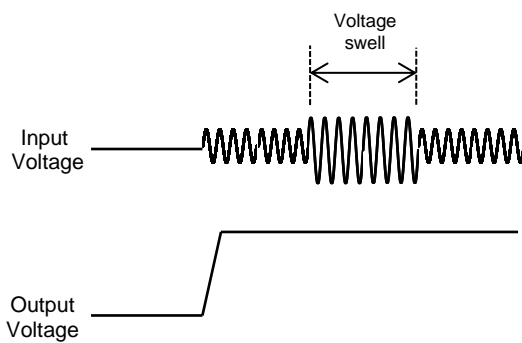


Input Voltage :  
230V ⇔ 100V

Frequency : 50Hz

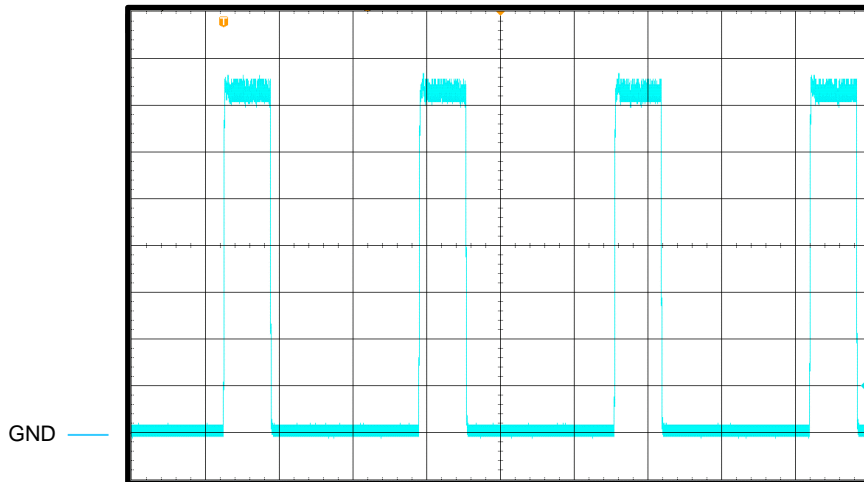
Load : 100%

Time  
[400ms/div]



Model	PCA300F-5	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output  
Current  
[10A/div]



Input Voltage : 100V

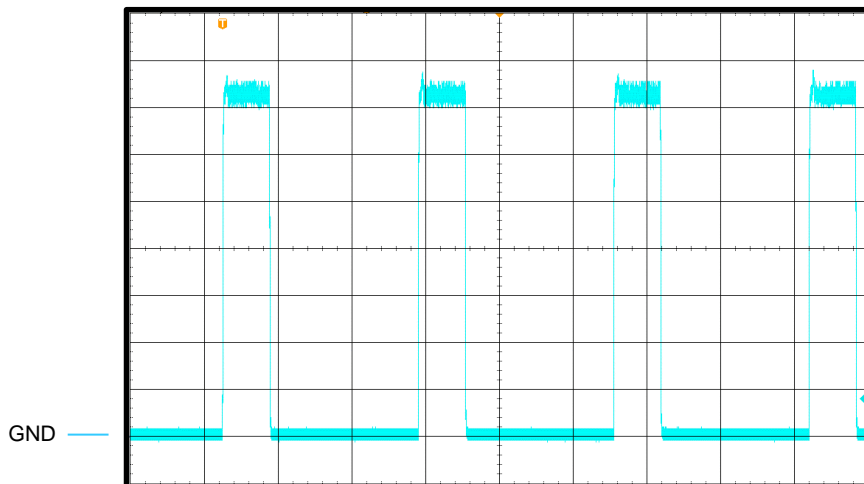
Short-circuit  
current : 76.8A

ON Time : 254ms

Hiccup mode  
time : 1060ms

Time  
[400ms/div]

Output  
Current  
[10A/div]



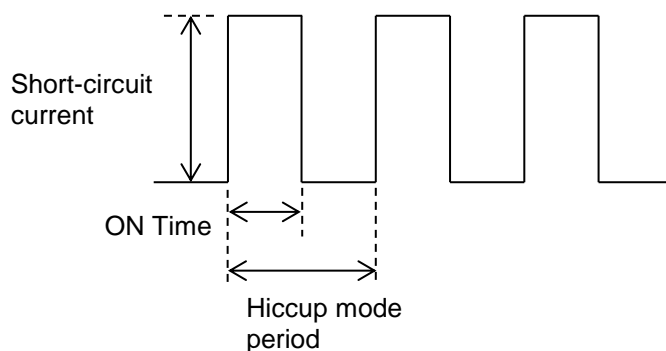
Input Voltage : 230V

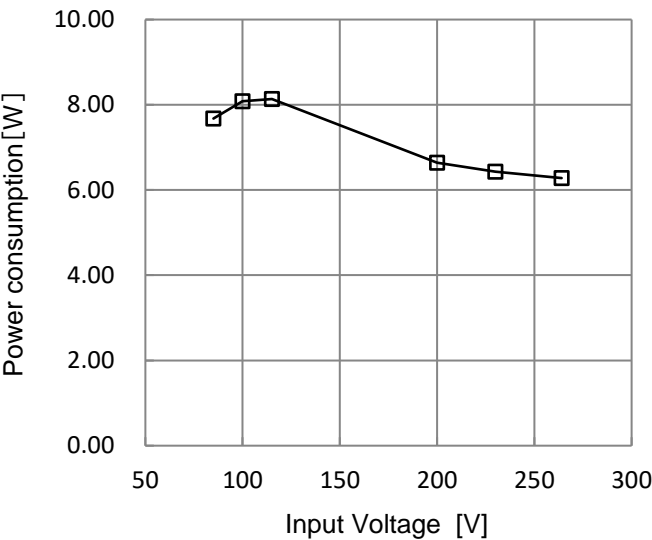
Short-circuit  
current : 78A

ON Time : 255ms

Hiccup mode  
time : 1061ms

Time  
[400ms/div]



Model	PCA300F-5																
Item	Input voltage - Power consumption	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		Load :0%															
<div></div> <p>Reducing standby power is possible by OFF signal of the remote control.</p>		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>7.68</td></tr><tr><td>100</td><td>8.09</td></tr><tr><td>115</td><td>8.14</td></tr><tr><td>200</td><td>6.64</td></tr><tr><td>230</td><td>6.43</td></tr><tr><td>264</td><td>6.28</td></tr></table>		Input voltage [V]	Power consumption [W]	85	7.68	100	8.09	115	8.14	200	6.64	230	6.43	264	6.28
Input voltage [V]	Power consumption [W]																
85	7.68																
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