



## ***EXTRA TEST DATA OF PCA1500F-12***

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

**COSEL CO.,LTD.**

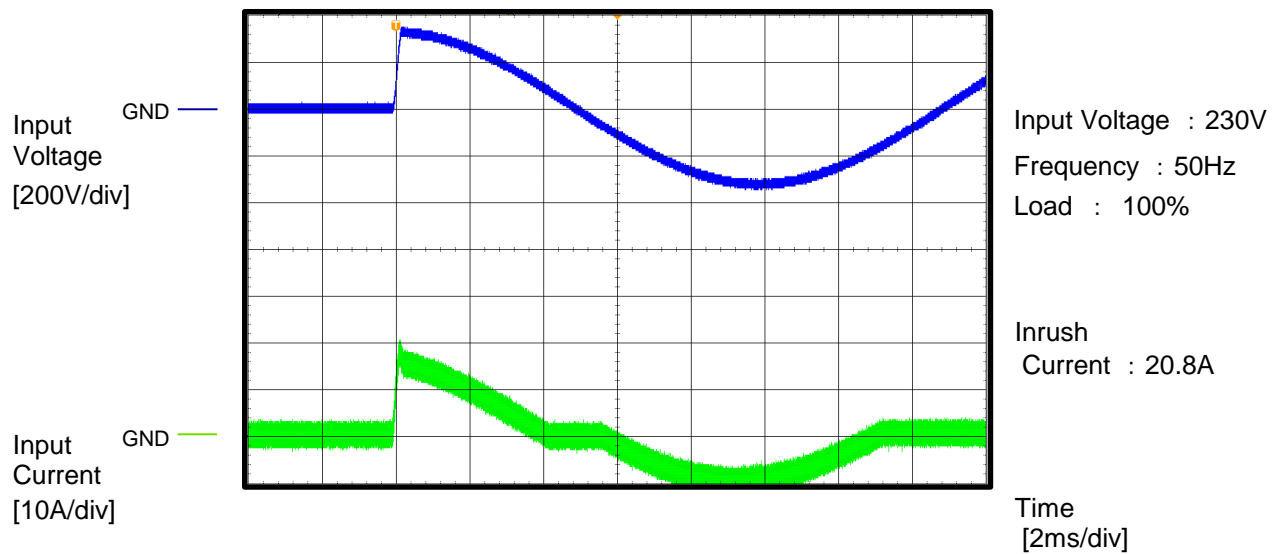
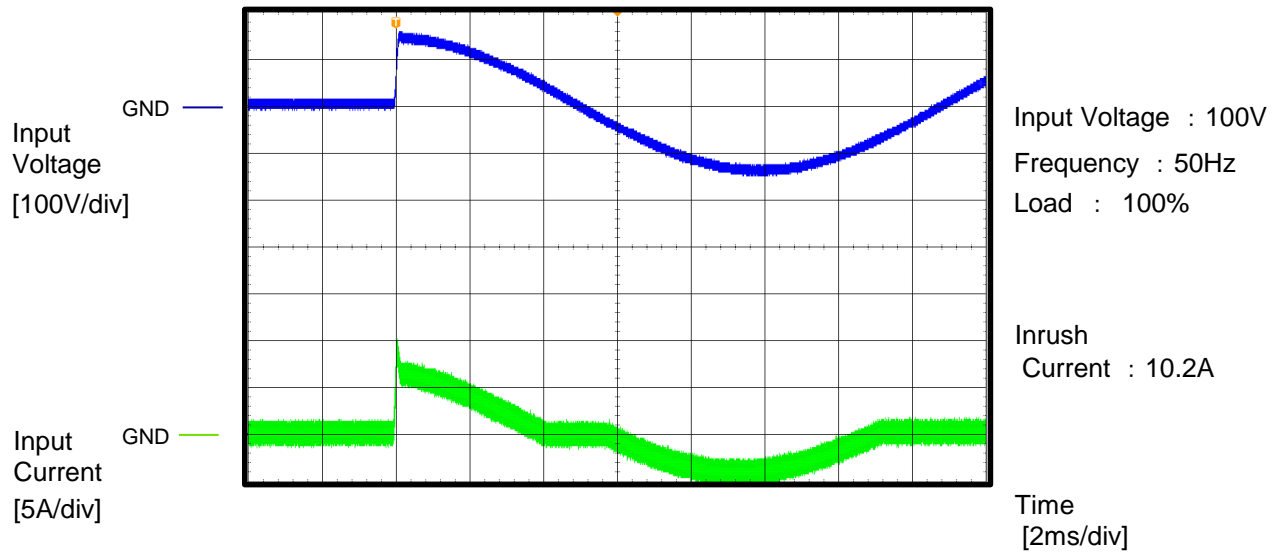
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**COSEL**

Model	PCA1500F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object	_____	Testing Circuitry	A

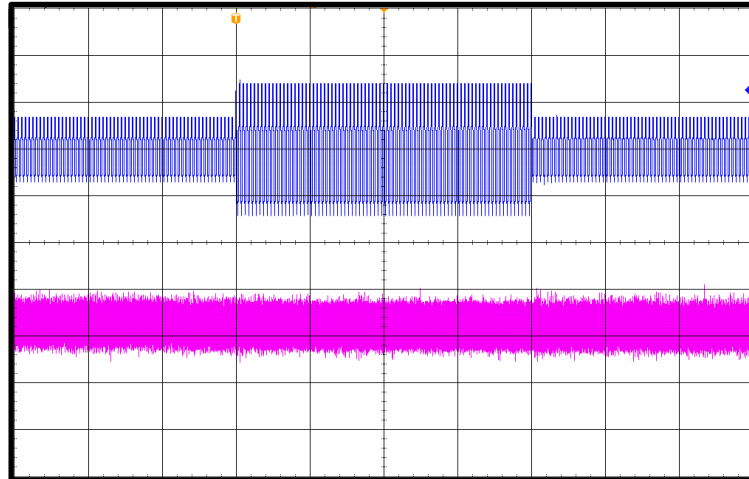


**COSEL**

Model	PCA1500F-12	Temperature    25°C Testing Circuitry   A	
Item	Dynamic Line Regulation		
Object	_____		

Input Voltage GND —  
[200V/div]

Output Voltage GND —  
[50mV/div]



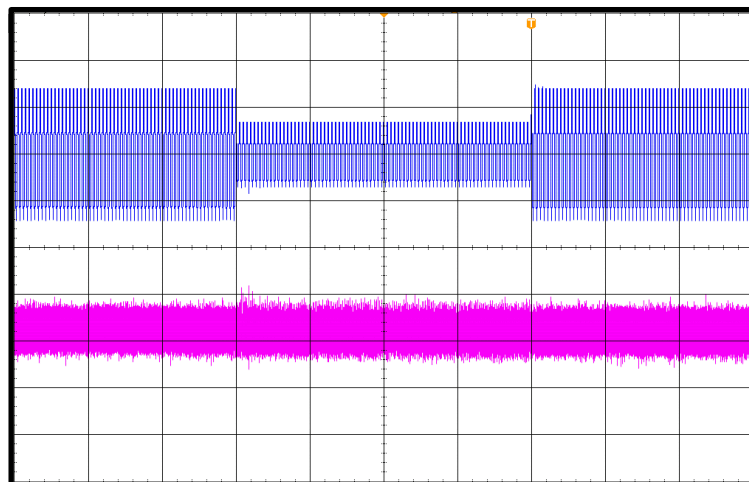
Input Voltage :  
100V ⇔ 230V

Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

Input Voltage GND —  
[200V/div]

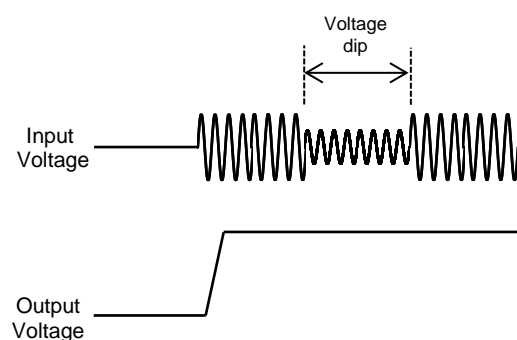
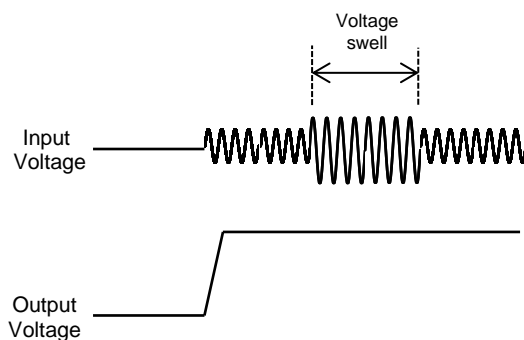
Output Voltage GND —  
[50mV/div]



Input Voltage :  
230V ⇔ 100V

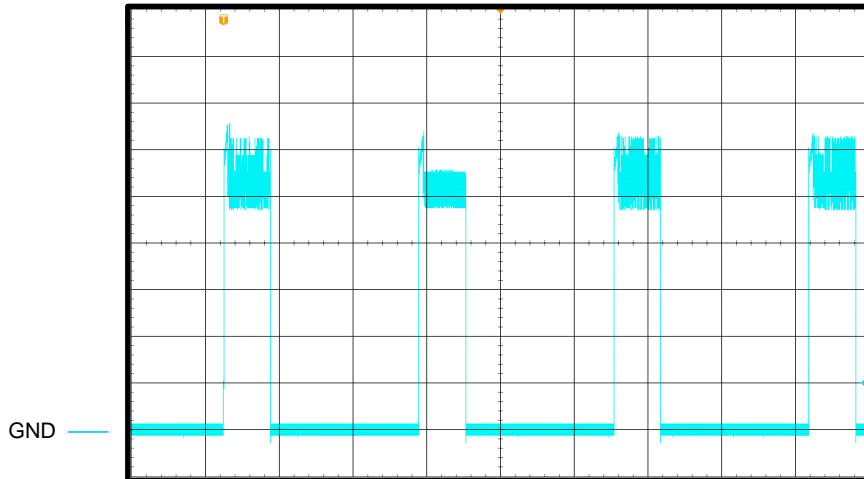
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]



Model	PCA1500F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current  
[25A/div]



Input Voltage : 100V

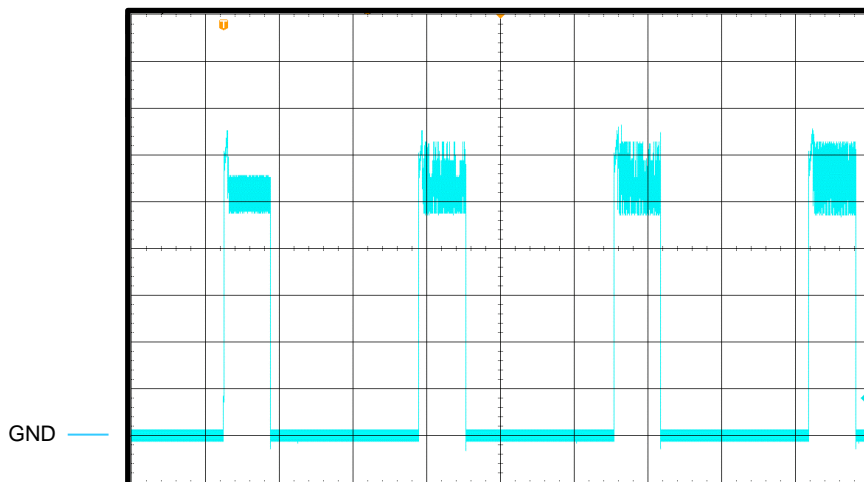
Short-circuit current : 164A

ON Time : 254ms

Hiccup mode time : 1058ms

Time  
[400ms/div]

Output Current  
[25A/div]



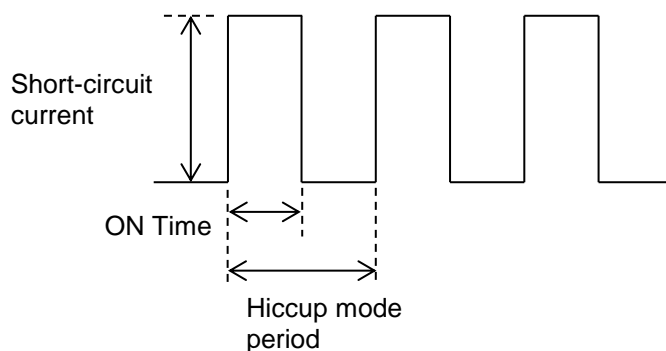
Input Voltage : 230V

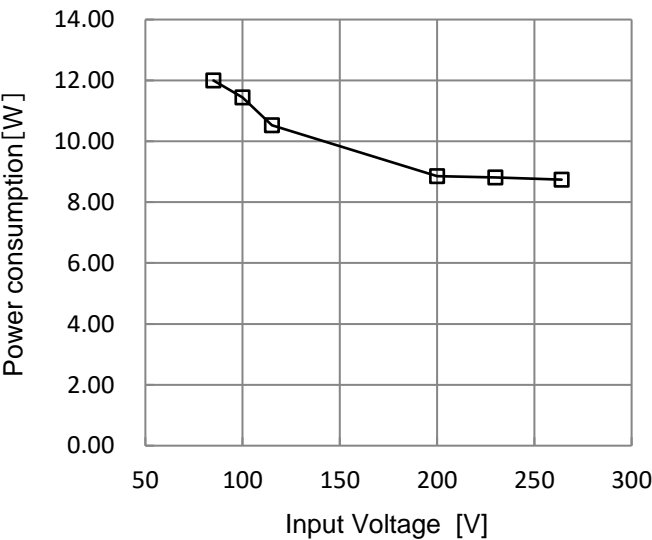
Short-circuit current : 166A

ON Time : 254ms

Hiccup mode time : 1058ms

Time  
[400ms/div]



Model	PCA1500F-12																
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>12.00</td></tr><tr><td>100</td><td>11.44</td></tr><tr><td>115</td><td>10.53</td></tr><tr><td>200</td><td>8.86</td></tr><tr><td>230</td><td>8.81</td></tr><tr><td>264</td><td>8.74</td></tr></table>		Input voltage [V]	Power consumption [W]	85	12.00	100	11.44	115	10.53	200	8.86	230	8.81	264	8.74
Input voltage [V]	Power consumption [W]																
85	12.00																
100	11.44																
115	10.53																
200	8.86																
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264	8.74																

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