



EXTRA TEST DATA OF PCA300F-12

Regulated DC Power Supply
Nov, 20, 2023

COSEL CO.,LTD.

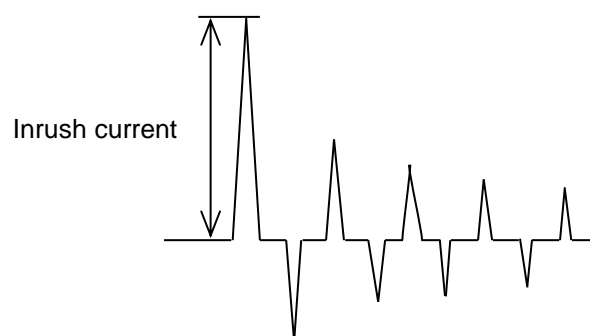
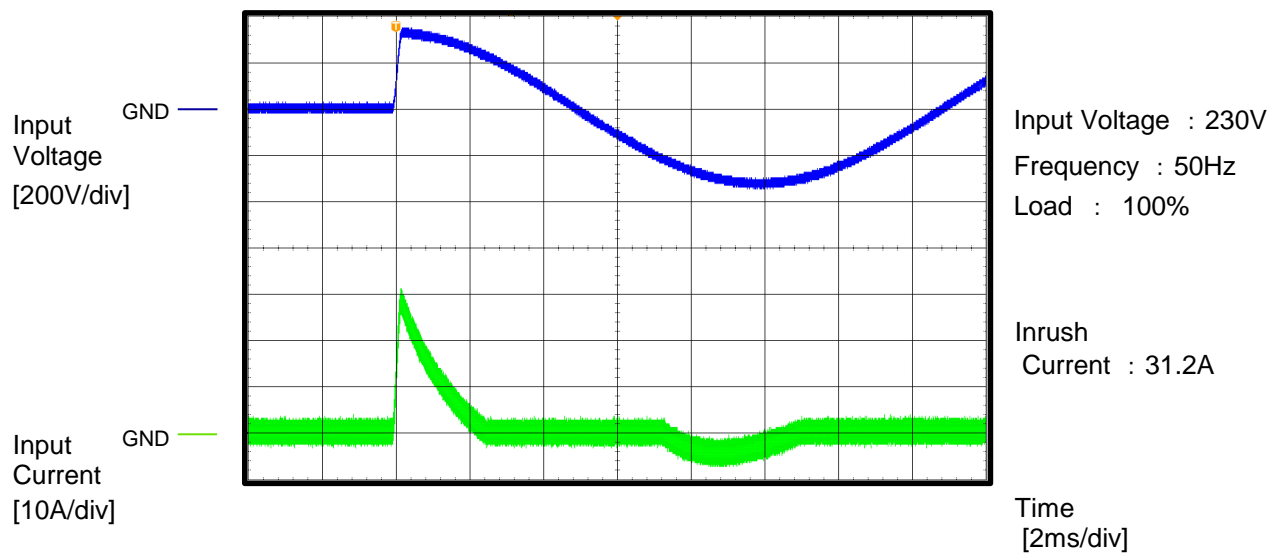
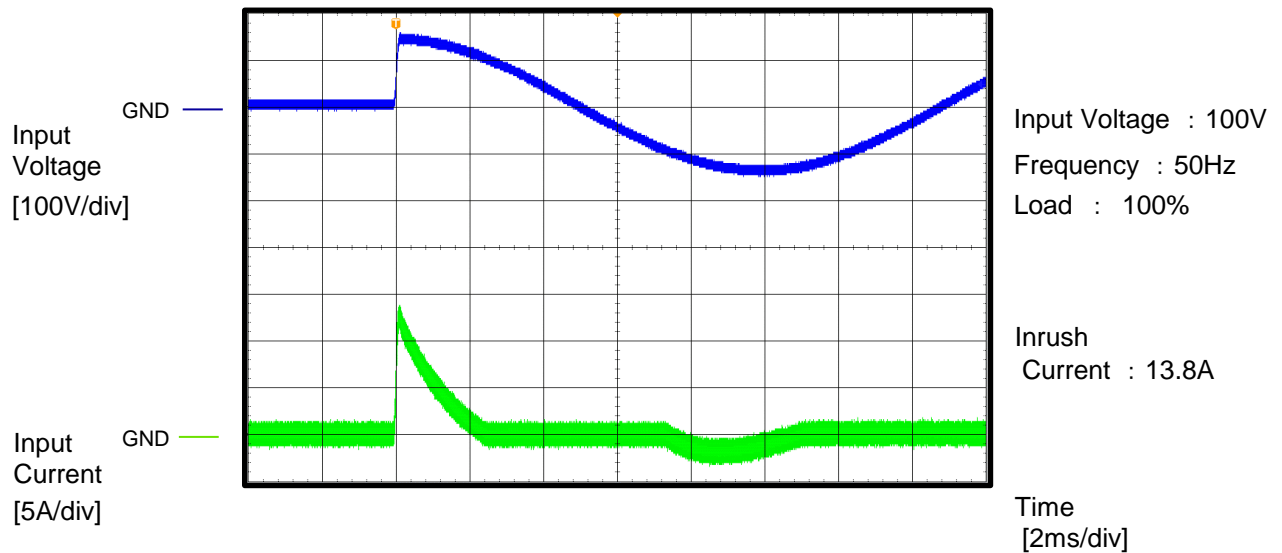
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Model	PCA300F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

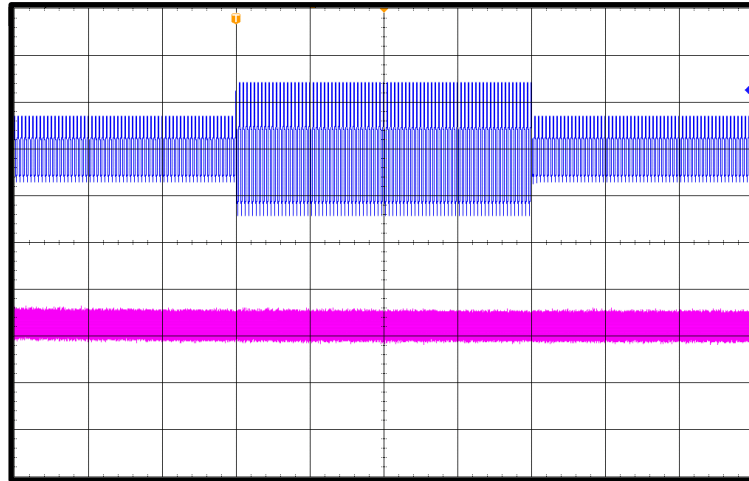


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Model	PCA300F-12	Temperature 25°C Testing Circuitry A	
Item	Dynamic Line Regulation		
Object	_____		

Input Voltage
[200V/div]

Output Voltage
[50mV/div]



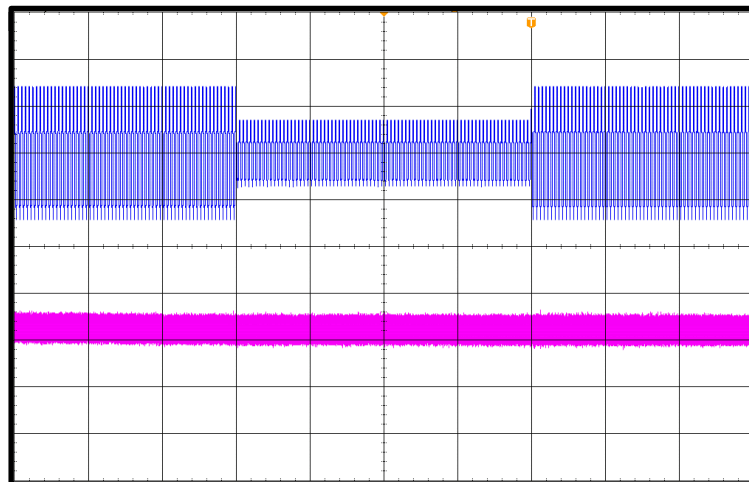
Input Voltage :
100V \Leftrightarrow 230V

Frequency : 50Hz
Load : 100%

Time
[400ms/div]

Input Voltage
[200V/div]

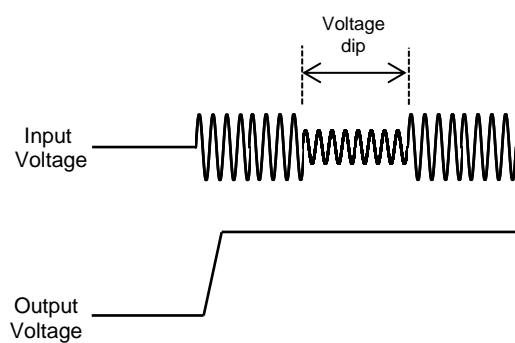
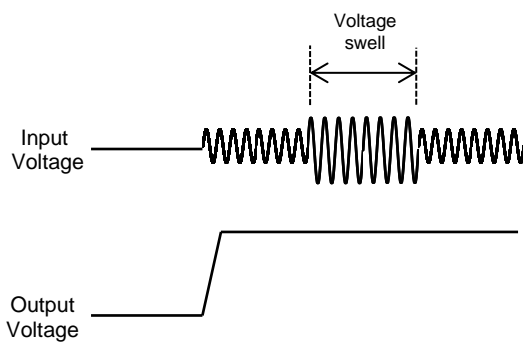
Output Voltage
[50mV/div]



Input Voltage :
230V \Leftrightarrow 100V

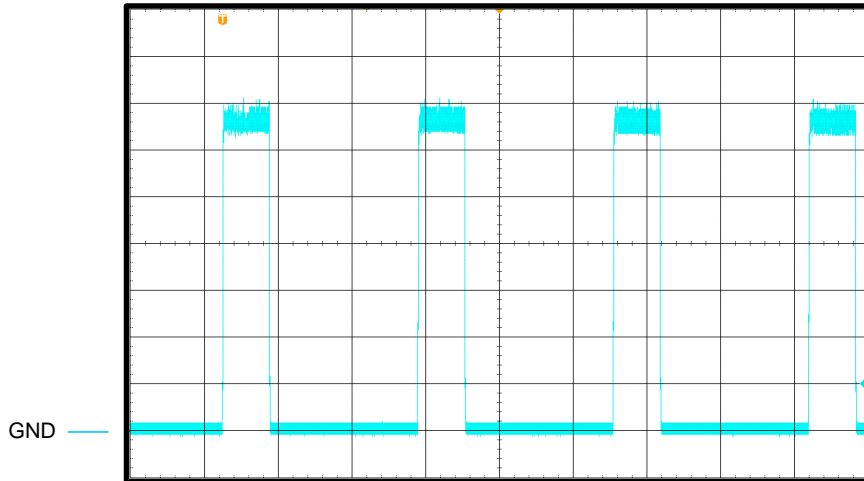
Frequency : 50Hz
Load : 100%

Time
[400ms/div]



Model	PCA300F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output
Current
[5A/div]



Input Voltage : 100V

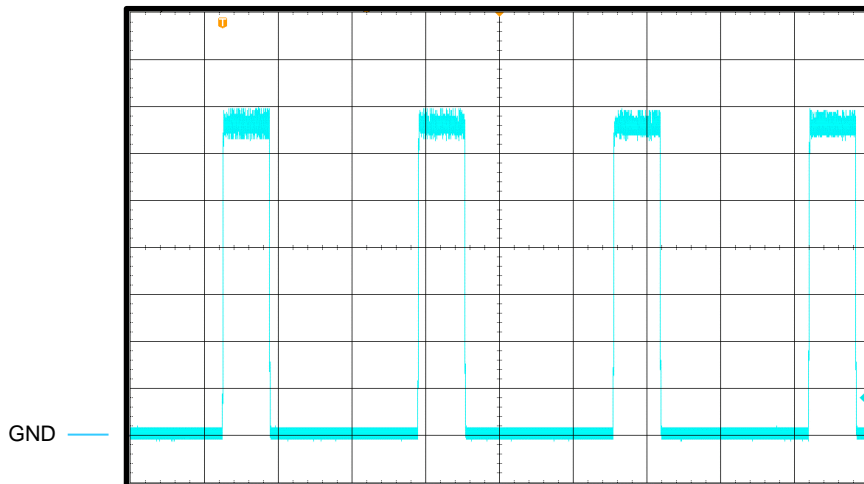
Short-circuit
current : 35.6A

ON Time : 254ms

Hiccup mode
time : 1060ms

Time
[400ms/div]

Output
Current
[5A/div]



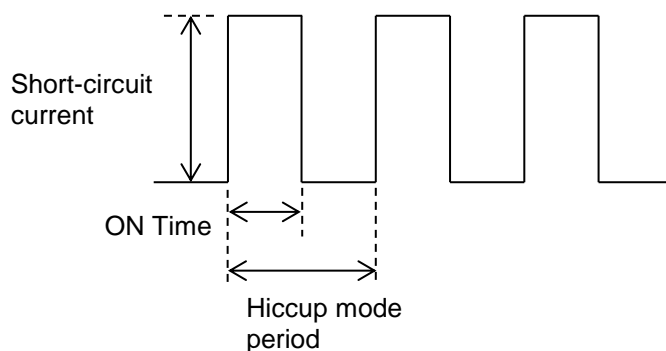
Input Voltage : 230V

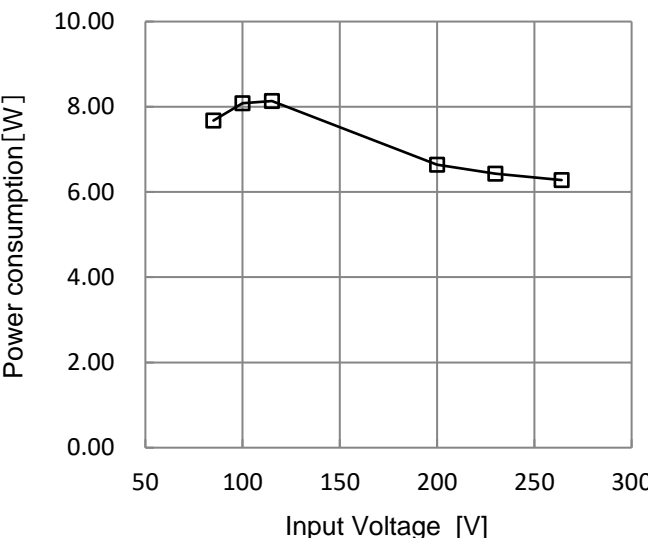
Short-circuit
current : 35A

ON Time : 254ms

Hiccup mode
time : 1060ms

Time
[400ms/div]



Model	PCA300F-12																
Item	Input voltage - Power consumption	Temperature	25°C														
		Testing Circuitry	-														
Object		Load :0%															
1.Graph		2.Values															
<div><p>Power consumption [W]</p><p>Input Voltage [V]</p></div>		<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																
100	8.09																
115	8.14																
200	6.64																
230	6.43																
264	6.28																
Reducing standby power is possible by OFF signal of the remote control.																	

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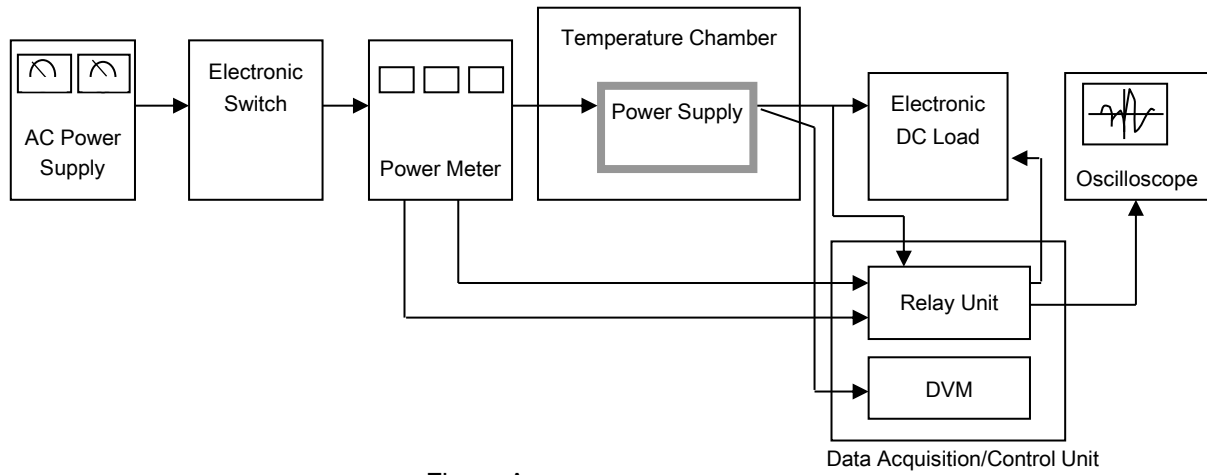


Figure A