



## ***EXTRA TEST DATA OF PCA1000F-24***

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

**COSEL CO.,LTD.**

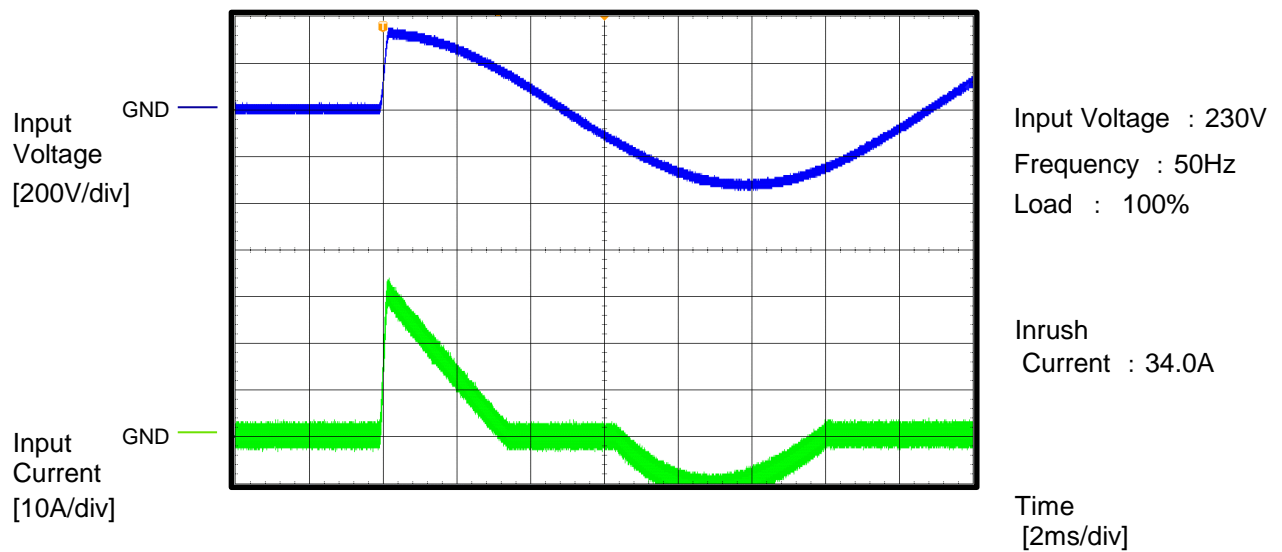
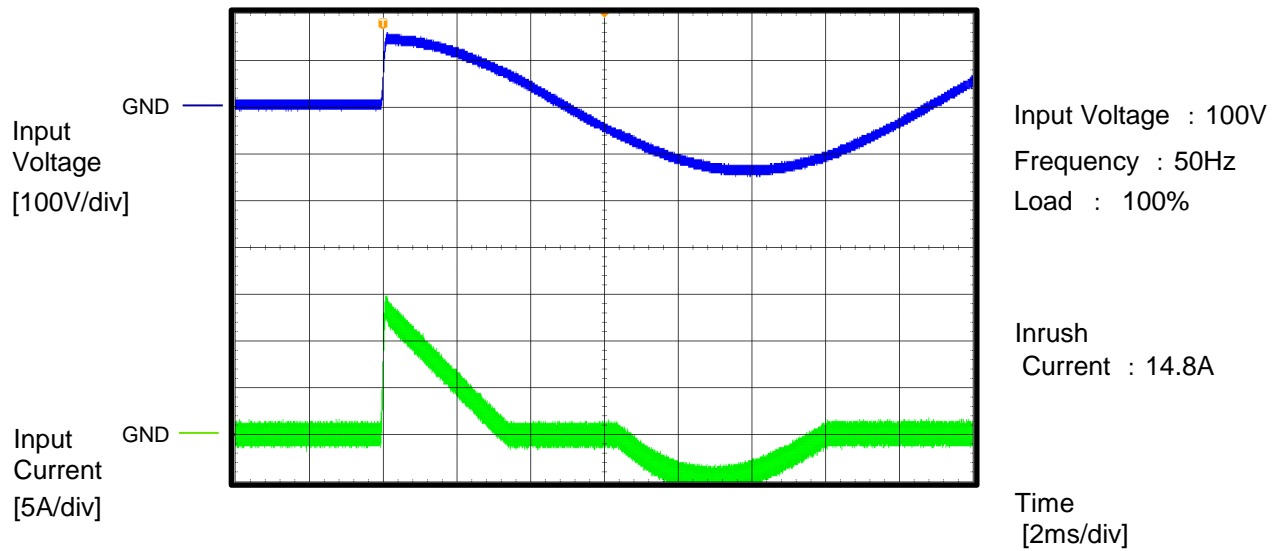
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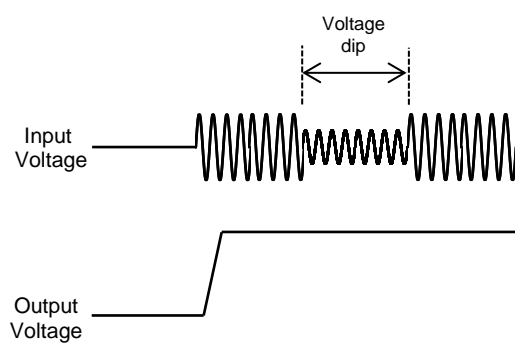
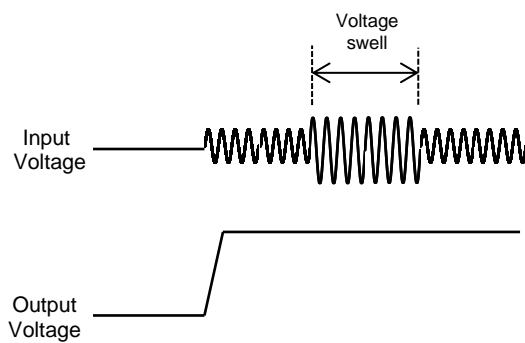
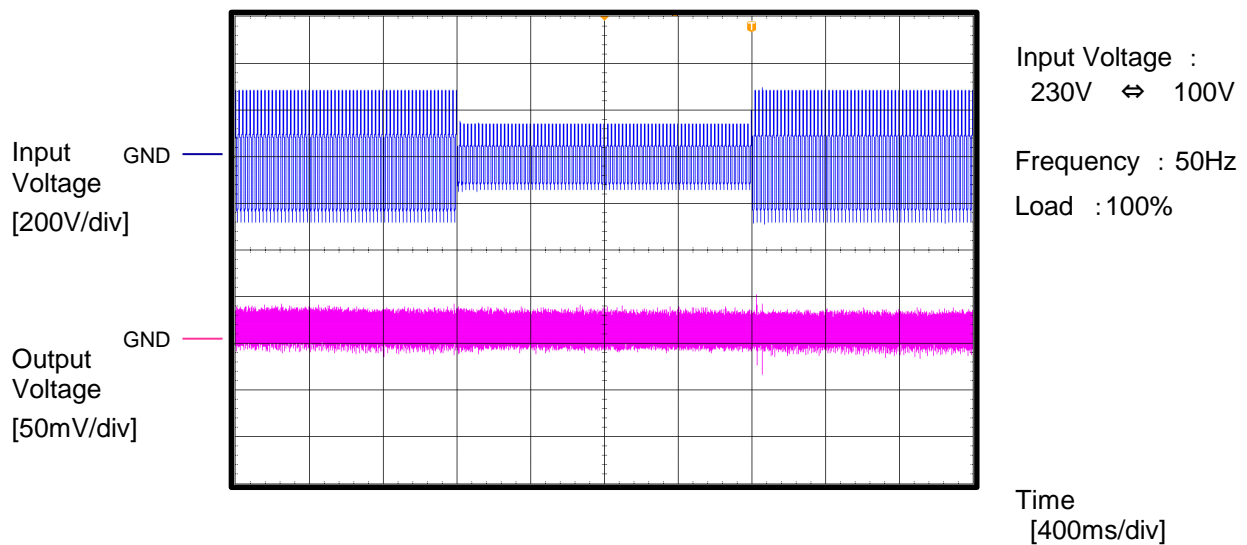
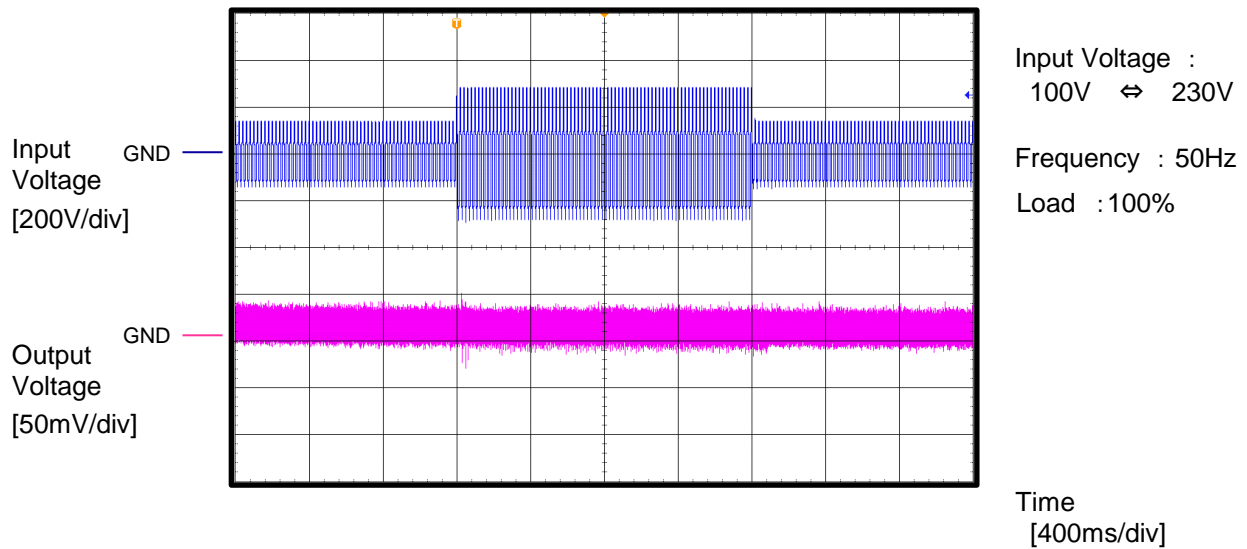
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|        |                              |                   |      |
|--------|------------------------------|-------------------|------|
|        |                              |                   |      |
| Model  | PCA1000F-24                  |                   |      |
| Item   | Inrush Current (enlargement) | Temperature       | 25°C |
| Object |                              | Testing Circuitry | A    |



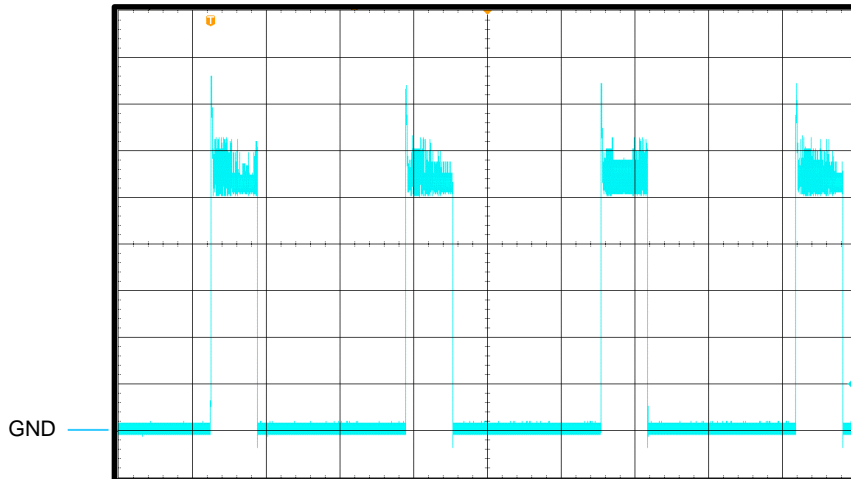
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|        |                         |                   |      |
|--------|-------------------------|-------------------|------|
| Model  | PCA1000F-24             | Temperature       | 25°C |
| Item   | Dynamic Line Regulation | Testing Circuitry | A    |
| Object | _____                   |                   |      |



|        |  |                   |         |
|--------|--|-------------------|---------|
|        |  |                   |         |
| Model  | PCA1000F-24                              | Temperature       | 25°C    |
| Item   | Hiccup cycle (by Overcurrent Protection) | Testing Circuitry | A       |
| Object |  | Load              | : Short |

Output  
Current  
[10A/div]



Input Voltage : 100V

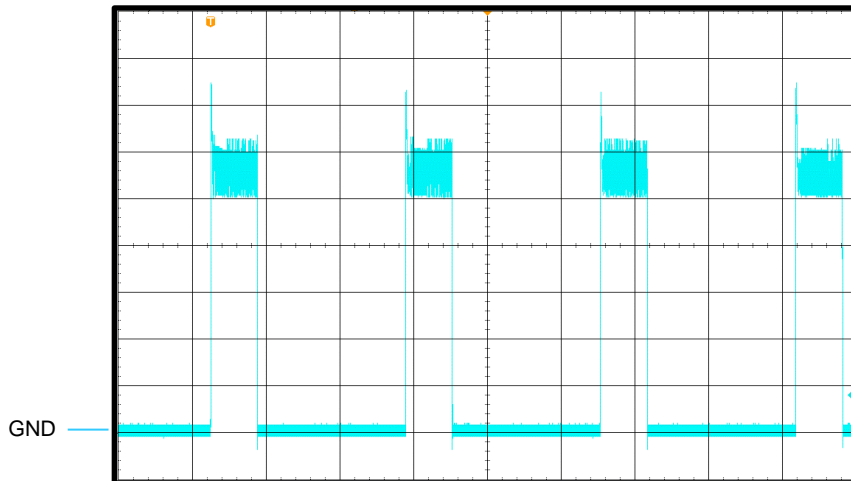
Short-circuit  
current : 76A

ON Time : 254ms

Hiccup mode  
time : 1058ms

Time  
[400ms/div]

Output  
Current  
[10A/div]



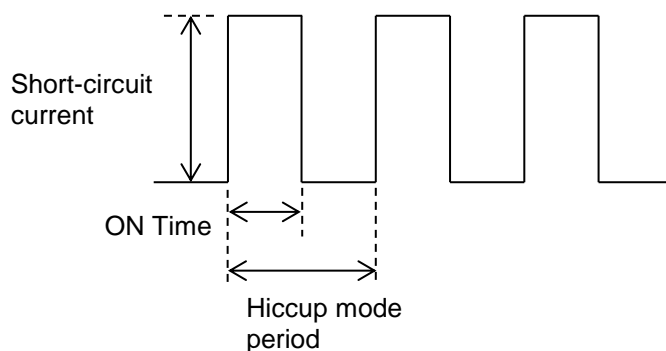
Input Voltage : 230V

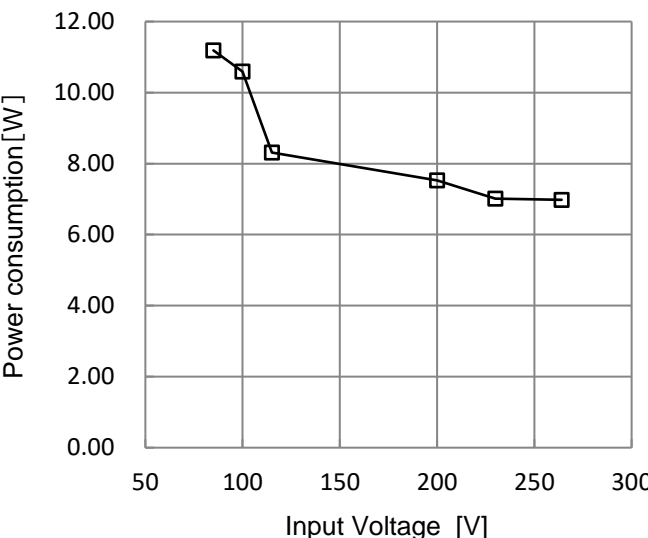
Short-circuit  
current : 74.8A

ON Time : 254ms

Hiccup mode  
time : 1058ms

Time  
[400ms/div]



| Model  | PCA1000F-24                       |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
|--|-----------------------------------|---|------|-------------------|-----------------------|----|-------|-----|-------|-----|------|-----|------|-----|------|-----|------|
| Item   | Input voltage - Power consumption | Temperature   | 25°C |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| Object   |                                   | Testing Circuitry   | -    |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 1.Graph  |                                   | Load :0%  |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| <div><p>Power consumption [W]</p><p>Input Voltage [V]</p></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>11.19</td></tr><tr><td>100</td><td>10.60</td></tr><tr><td>115</td><td>8.31</td></tr><tr><td>200</td><td>7.52</td></tr><tr><td>230</td><td>7.01</td></tr><tr><td>264</td><td>6.98</td></tr></table> |      | Input voltage [V] | Power consumption [W] | 85 | 11.19 | 100 | 10.60 | 115 | 8.31 | 200 | 7.52 | 230 | 7.01 | 264 | 6.98 |
| Input voltage [V]  | Power consumption [W]             |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 85   | 11.19                             |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 100  | 10.60                             |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 115  | 8.31                              |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 200  | 7.52                              |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 230  | 7.01                              |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
| 264  | 6.98                              |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |
|  |                                   |   |      |                   |                       |    |       |     |       |     |      |     |      |     |      |     |      |

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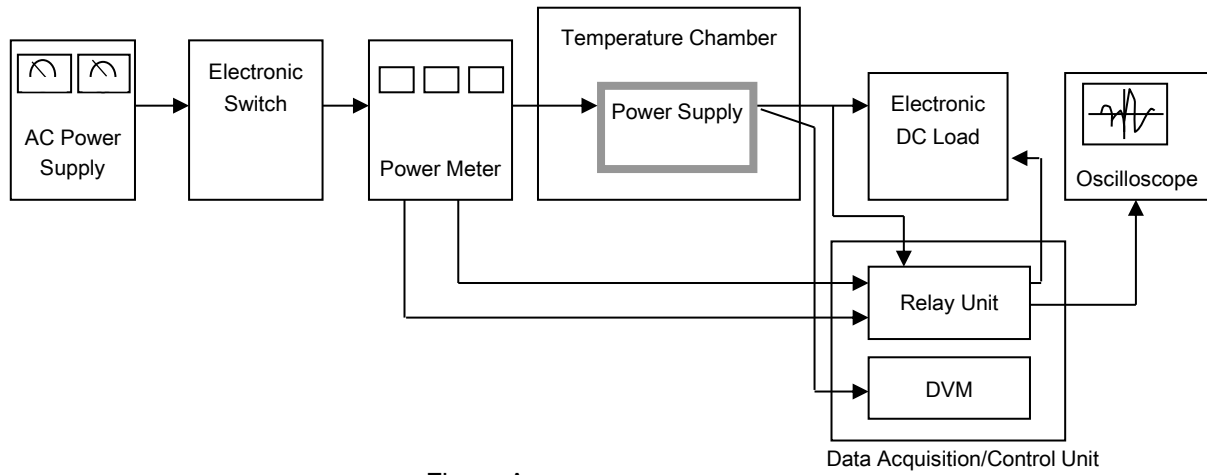


Figure A