



EXTRA TEST DATA OF PCA600F-48

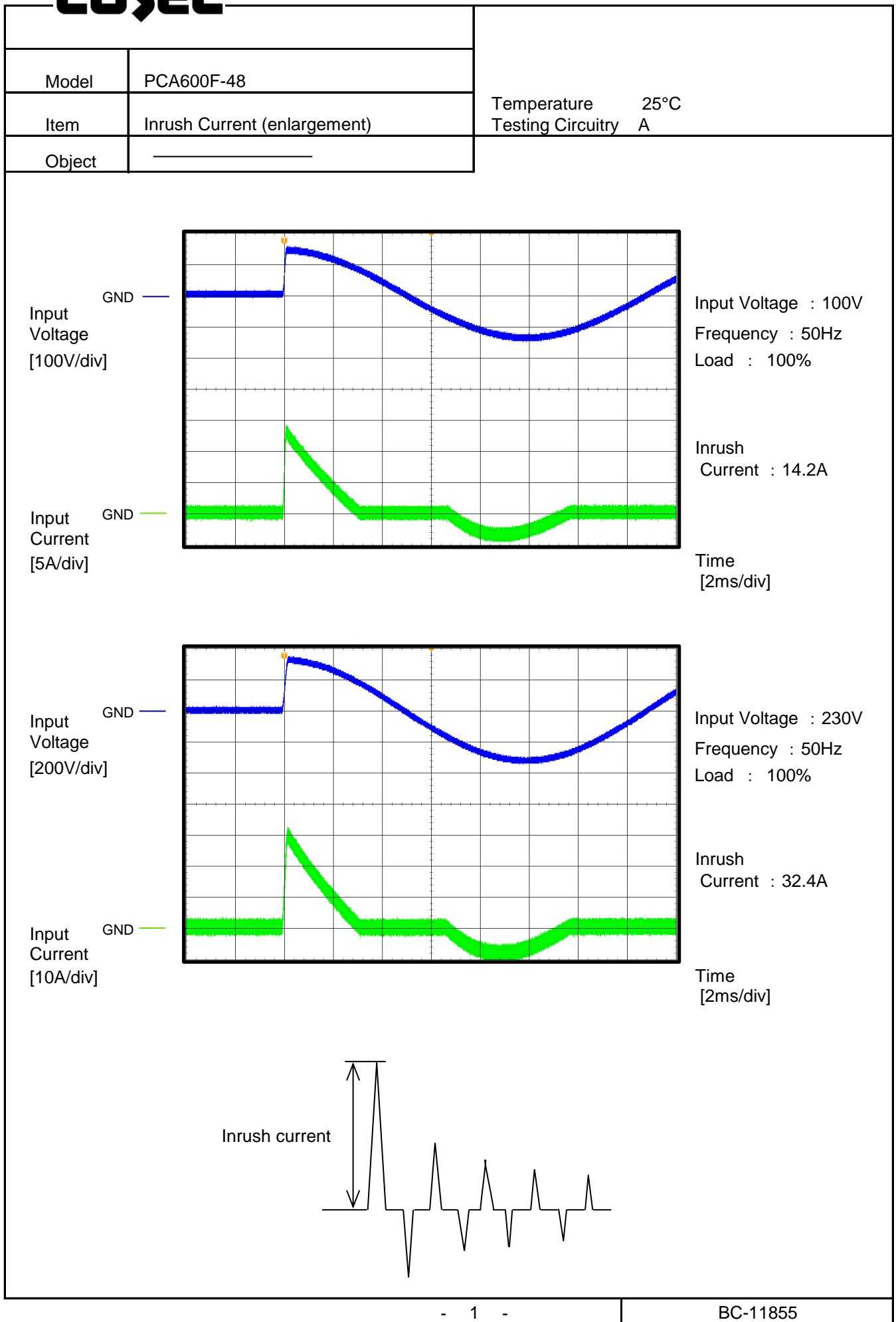
Regulated DC Power Supply
Nov, 20, 2023

COSEL CO.,LTD.

CONTENTS

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

(Final Page 5)

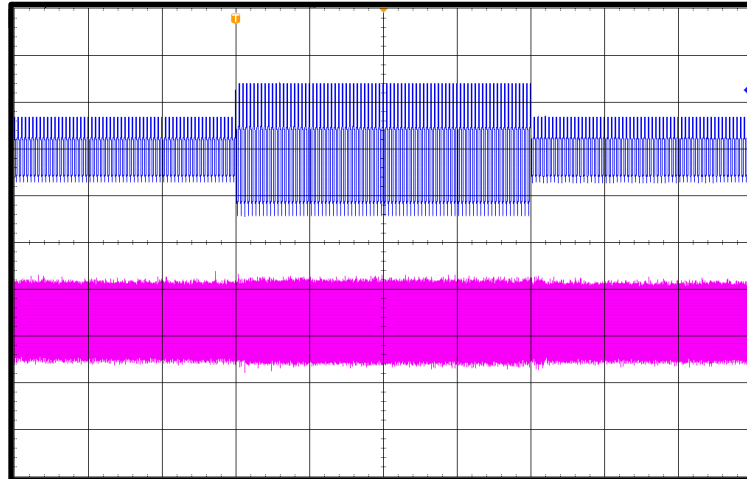
COSEL

COSEL

| | | | |
|--------|-------------------------|-------------------|------|
| Model | PCA600F-48 | Temperature | 25°C |
| Item | Dynamic Line Regulation | Testing Circuitry | A |
| Object | _____ | | |

Input Voltage
[200V/div]

Output Voltage
[100mV/div]



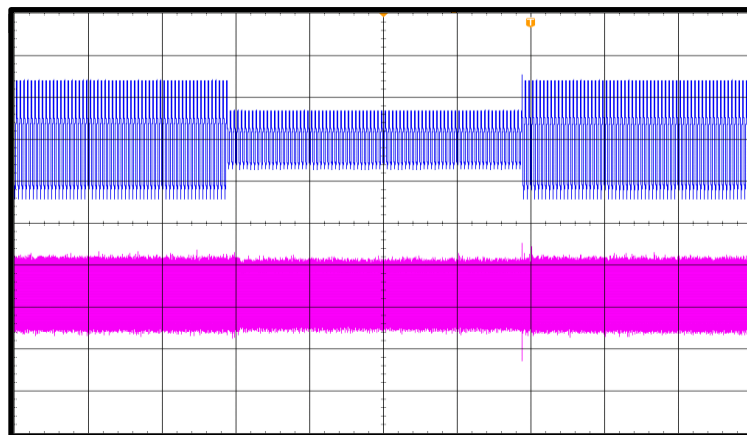
Input Voltage :
100V \Rightarrow 230V

Frequency : 50Hz
Load : 100%

Time
[400ms/div]

Input Voltage
[200V/div]

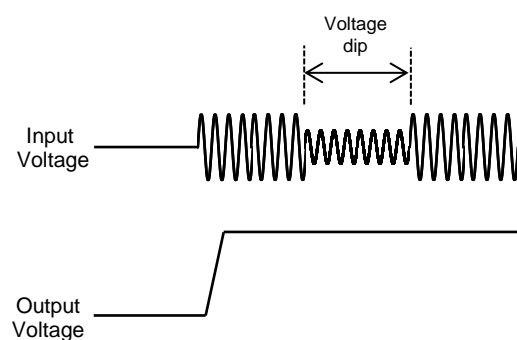
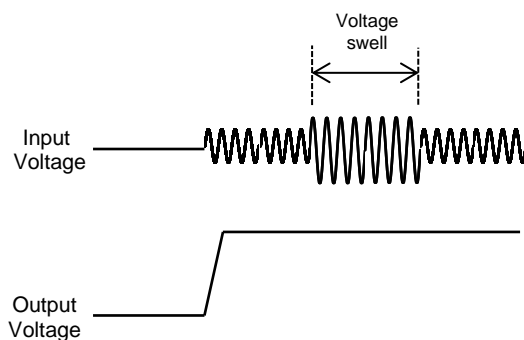
Output Voltage
[100mV/div]



Input Voltage :
230V \Rightarrow 100V

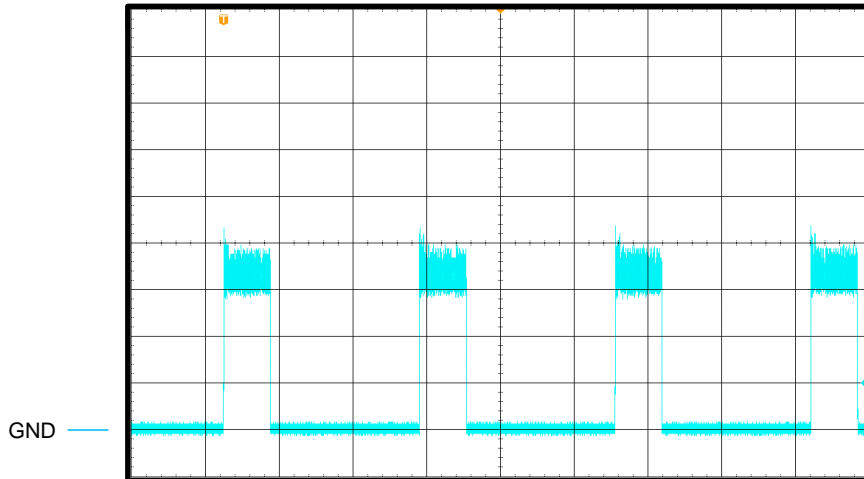
Frequency : 50Hz
Load : 100%

Time
[400ms/div]



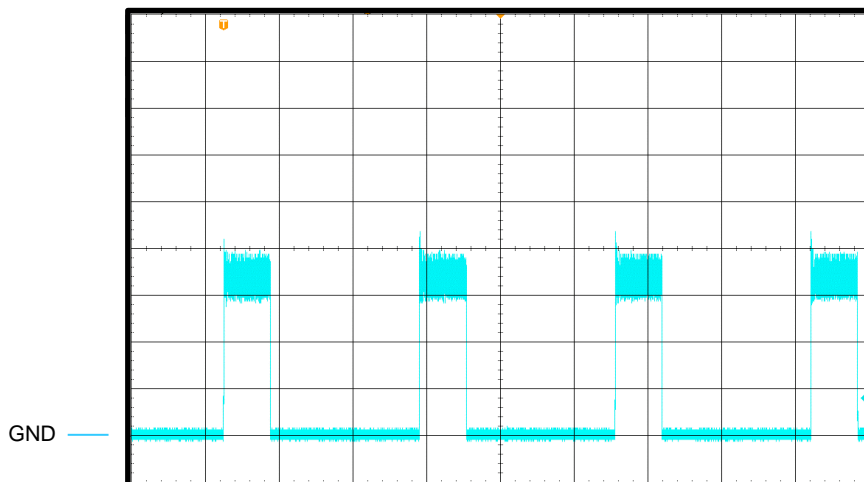
| | | | |
|--------|--|-------------------|---------|
| | | | |
| Model | PCA600F-48 | Temperature | 25°C |
| Item | Hiccup cycle (by Overcurrent Protection) | Testing Circuitry | A |
| Object | | Load | : Short |

Output
Current
[5A/div]

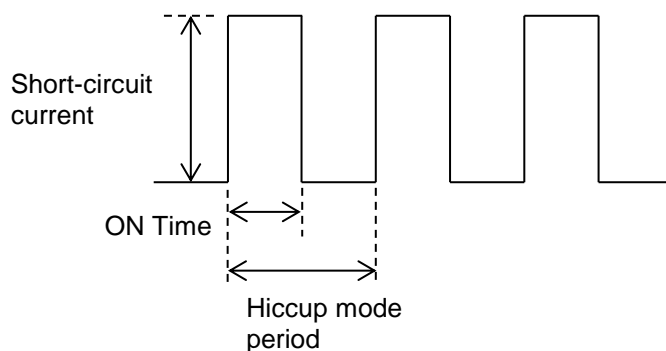


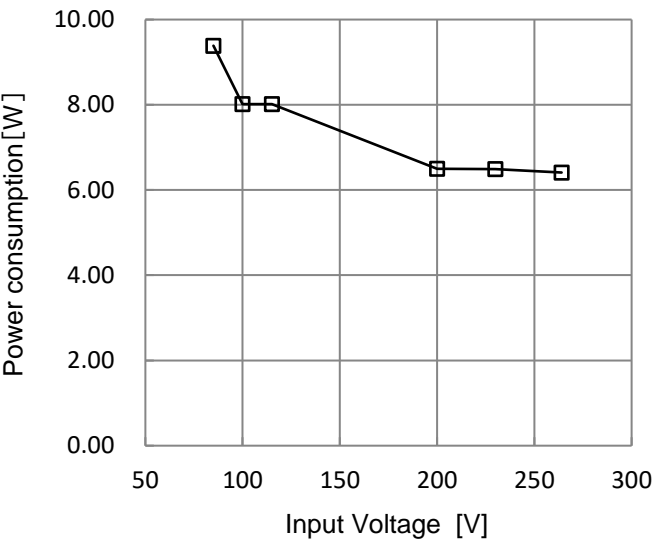
Time
[400ms/div]

Output
Current
[5A/div]



Time
[400ms/div]



| Model | PCA600F-48 | | | | | | | | | | | | | | | | |
|--|-----------------------------------|---|------|-------------------|-----------------------|----|------|-----|------|-----|------|-----|------|-----|------|-----|------|
| 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>9.39</td></tr><tr><td>100</td><td>8.01</td></tr><tr><td>115</td><td>8.02</td></tr><tr><td>200</td><td>6.50</td></tr><tr><td>230</td><td>6.49</td></tr><tr><td>264</td><td>6.41</td></tr></table> | | Input voltage [V] | Power consumption [W] | 85 | 9.39 | 100 | 8.01 | 115 | 8.02 | 200 | 6.50 | 230 | 6.49 | 264 | 6.41 |
| Input voltage [V] | Power consumption [W] | | | | | | | | | | | | | | | | |
| 85 | 9.39 | | | | | | | | | | | | | | | | |
| 100 | 8.01 | | | | | | | | | | | | | | | | |
| 115 | 8.02 | | | | | | | | | | | | | | | | |
| 200 | 6.50 | | | | | | | | | | | | | | | | |
| 230 | 6.49 | | | | | | | | | | | | | | | | |
| 264 | 6.41 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

- 4 -

BC-11855

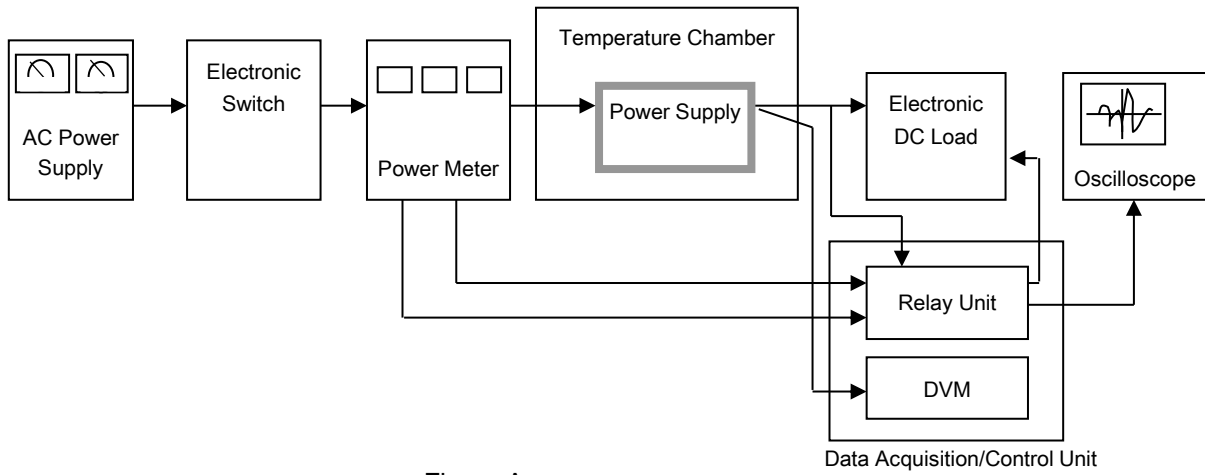


Figure A