

TEST DATA OF MUS1R52405

Regulated DC Power Supply
February 4, 2025

Approved by : Kenichi Tsukada
Design Manager

Prepared by : Soichiro Kawaguchi
Design Engineer

COSEL CO.,LTD.



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| Model | MUS1R52405 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|---|----------------------------|--|------------------|-------------------|--|--|-------------------|-------------------|-------------------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|
| Item | Input Current (by Load Current) | Temperature 25°C | Testing Circuitry Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | <p style="text-align: center;"> —△— Input Volt. 18V -□- Input Volt. 24V ○--- Input Volt. 36V </p> | <p>2.Values</p> <table border="1"> <thead> <tr> <th rowspan="2">Load Current [A]</th> <th colspan="3">Input Current [A]</th> </tr> <tr> <th>Input Volt. 18[V]</th> <th>Input Volt. 24[V]</th> <th>Input Volt. 36[V]</th> </tr> </thead> <tbody> <tr> <td>0.00</td><td>0.004</td><td>0.003</td><td>0.002</td></tr> <tr> <td>0.06</td><td>0.026</td><td>0.021</td><td>0.013</td></tr> <tr> <td>0.12</td><td>0.042</td><td>0.032</td><td>0.025</td></tr> <tr> <td>0.18</td><td>0.063</td><td>0.048</td><td>0.033</td></tr> <tr> <td>0.24</td><td>0.085</td><td>0.063</td><td>0.042</td></tr> <tr> <td>0.30</td><td>0.102</td><td>0.079</td><td>0.053</td></tr> <tr> <td>0.33</td><td>0.115</td><td>0.085</td><td>0.059</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> | | | Load Current [A] | Input Current [A] | | | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | 0.00 | 0.004 | 0.003 | 0.002 | 0.06 | 0.026 | 0.021 | 0.013 | 0.12 | 0.042 | 0.032 | 0.025 | 0.18 | 0.063 | 0.048 | 0.033 | 0.24 | 0.085 | 0.063 | 0.042 | 0.30 | 0.102 | 0.079 | 0.053 | 0.33 | 0.115 | 0.085 | 0.059 | -- | - | - | - | -- | - | - | - | -- | - | - | - | -- | - | - | - |
| Load Current [A] | Input Current [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | 0.004 | 0.003 | 0.002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.06 | 0.026 | 0.021 | 0.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.12 | 0.042 | 0.032 | 0.025 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.18 | 0.063 | 0.048 | 0.033 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.24 | 0.085 | 0.063 | 0.042 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.30 | 0.102 | 0.079 | 0.053 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.33 | 0.115 | 0.085 | 0.059 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note: | Slanted line shows the range of the rated load current. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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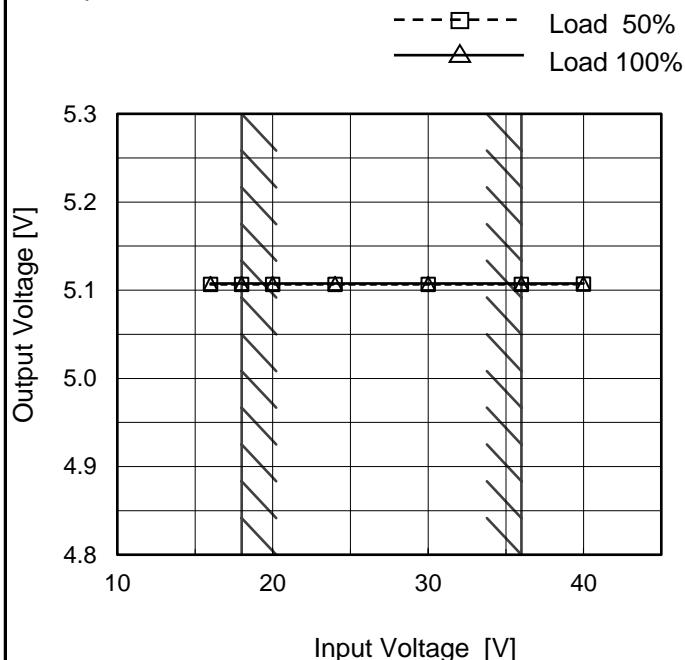
| Model | MUS1R52405 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|-------------------|-------------------|------------------|----------------|--|--|-------------------|-------------------|-------------------|------|---|---|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|
| Item | Efficiency (by Load Current) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | <p>Legend:</p> <ul style="list-style-type: none"> Input Volt. 18V Input Volt. 24V Input Volt. 36V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.Values | <table border="1"> <thead> <tr> <th rowspan="2">Load Current [A]</th> <th colspan="3">Efficiency [%]</th> </tr> <tr> <th>Input Volt. 18[V]</th> <th>Input Volt. 24[V]</th> <th>Input Volt. 36[V]</th> </tr> </thead> <tbody> <tr> <td>0.00</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>0.06</td><td>63.8</td><td>60.2</td><td>63.3</td></tr> <tr> <td>0.12</td><td>79.8</td><td>76.4</td><td>67.0</td></tr> <tr> <td>0.18</td><td>77.9</td><td>79.7</td><td>75.9</td></tr> <tr> <td>0.24</td><td>79.8</td><td>78.7</td><td>80.1</td></tr> <tr> <td>0.30</td><td>80.7</td><td>80.1</td><td>78.5</td></tr> <tr> <td>0.33</td><td>81.0</td><td>80.5</td><td>78.8</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>--</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> | | | Load Current [A] | Efficiency [%] | | | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | 0.00 | - | - | - | 0.06 | 63.8 | 60.2 | 63.3 | 0.12 | 79.8 | 76.4 | 67.0 | 0.18 | 77.9 | 79.7 | 75.9 | 0.24 | 79.8 | 78.7 | 80.1 | 0.30 | 80.7 | 80.1 | 78.5 | 0.33 | 81.0 | 80.5 | 78.8 | -- | - | - | - | -- | - | - | - | -- | - | - | - | -- | - | - | - |
| Load Current [A] | Efficiency [%] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.06 | 63.8 | 60.2 | 63.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.12 | 79.8 | 76.4 | 67.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.18 | 77.9 | 79.7 | 75.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.24 | 79.8 | 78.7 | 80.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.30 | 80.7 | 80.1 | 78.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.33 | 81.0 | 80.5 | 78.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note: | Slanted line shows the range of the rated load current. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--------|-----------------|
| Model | MUS1R52405 |
| Item | Line Regulation |
| Object | +5V0.3A |

 Temperature 25°C
 Testing Circuitry Figure A

1.Graph

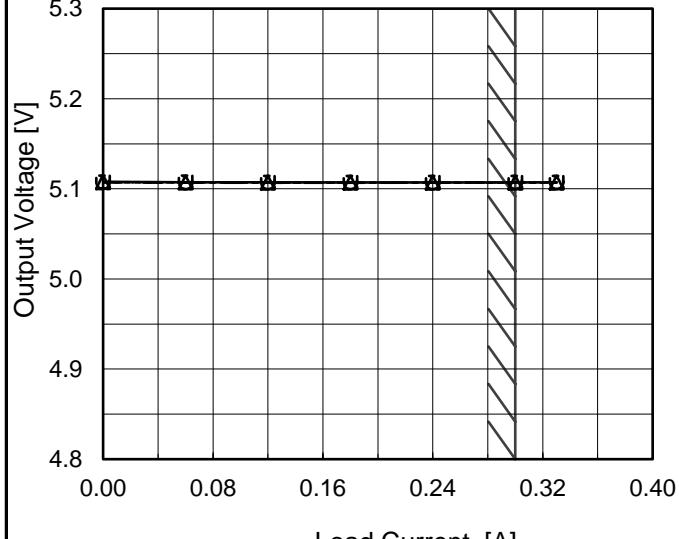
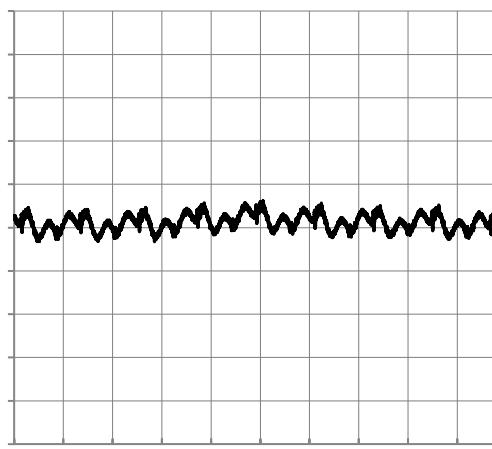


2.Values

| Input Voltage [V] | Output Voltage [V] | |
|-------------------|--------------------|-----------|
| | Load 50% | Load 100% |
| 16 | 5.107 | 5.108 |
| 18 | 5.107 | 5.108 |
| 20 | 5.107 | 5.108 |
| 24 | 5.107 | 5.108 |
| 30 | 5.107 | 5.108 |
| 36 | 5.107 | 5.108 |
| 40 | 5.107 | 5.108 |
| -- | - | - |
| -- | - | - |

Note: Slanted line shows the range of the rated input voltage.

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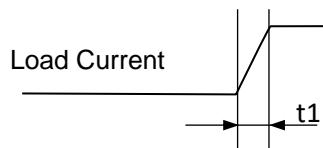
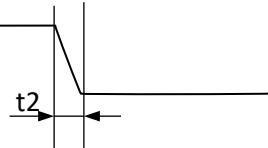
| Model | MUS1R52405 | Temperature | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|-------------------|-------------------|------------------|--------------------|--|--|-------------------|-------------------|-------------------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Item | Load Regulation | Testing Circuitry | Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | +5V0.3A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | <p>—▲— Input Volt. 18V - - □ - - Input Volt. 24V - - ○ - - Input Volt. 36V</p>  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.Values | <table border="1"> <thead> <tr> <th rowspan="2">Load Current [A]</th> <th colspan="3">Output Voltage [V]</th> </tr> <tr> <th>Input Volt. 18[V]</th> <th>Input Volt. 24[V]</th> <th>Input Volt. 36[V]</th> </tr> </thead> <tbody> <tr><td>0.00</td><td>5.108</td><td>5.107</td><td>5.107</td></tr> <tr><td>0.06</td><td>5.107</td><td>5.107</td><td>5.107</td></tr> <tr><td>0.12</td><td>5.107</td><td>5.107</td><td>5.107</td></tr> <tr><td>0.18</td><td>5.107</td><td>5.107</td><td>5.107</td></tr> <tr><td>0.24</td><td>5.107</td><td>5.107</td><td>5.107</td></tr> <tr><td>0.30</td><td>5.107</td><td>5.107</td><td>5.107</td></tr> <tr><td>0.33</td><td>5.107</td><td>5.107</td><td>5.107</td></tr> <tr><td>--</td><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td><td>--</td></tr> <tr><td>--</td><td>--</td><td>--</td><td>--</td></tr> </tbody> </table> | | | Load Current [A] | Output Voltage [V] | | | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | 0.00 | 5.108 | 5.107 | 5.107 | 0.06 | 5.107 | 5.107 | 5.107 | 0.12 | 5.107 | 5.107 | 5.107 | 0.18 | 5.107 | 5.107 | 5.107 | 0.24 | 5.107 | 5.107 | 5.107 | 0.30 | 5.107 | 5.107 | 5.107 | 0.33 | 5.107 | 5.107 | 5.107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Load Current [A] | Output Voltage [V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | 5.108 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.06 | 5.107 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.12 | 5.107 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.18 | 5.107 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.24 | 5.107 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.30 | 5.107 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.33 | 5.107 | 5.107 | 5.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note: | Slanted line shows the range of the rated load current. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Ripple-Noise | Temperature | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | +5V0.3A | Testing Circuitry | Figure B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | <p>Input Voltage 24V Load 100%</p>  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--------|-----------------------|----------------------------------|------------------|
| Model | MUS1R52405 | Temperature Testing Circuitry | 25°C Figure A |
| Item | Dynamic Load Response | | |
| Object | +5V0.3A | | |

Input Volt. 24 V

Cycle 1000 ms

Response. $t_1=t_2=50\mu s$. Typ

Load 0%(0A) \longleftrightarrow
Load 100%(0.3A)

200[mV/div]

1[ms/div]

1[ms/div]

Load 50%(0.15A) \longleftrightarrow
Load 100%(0.3A)

200[mV/div]

1[ms/div]

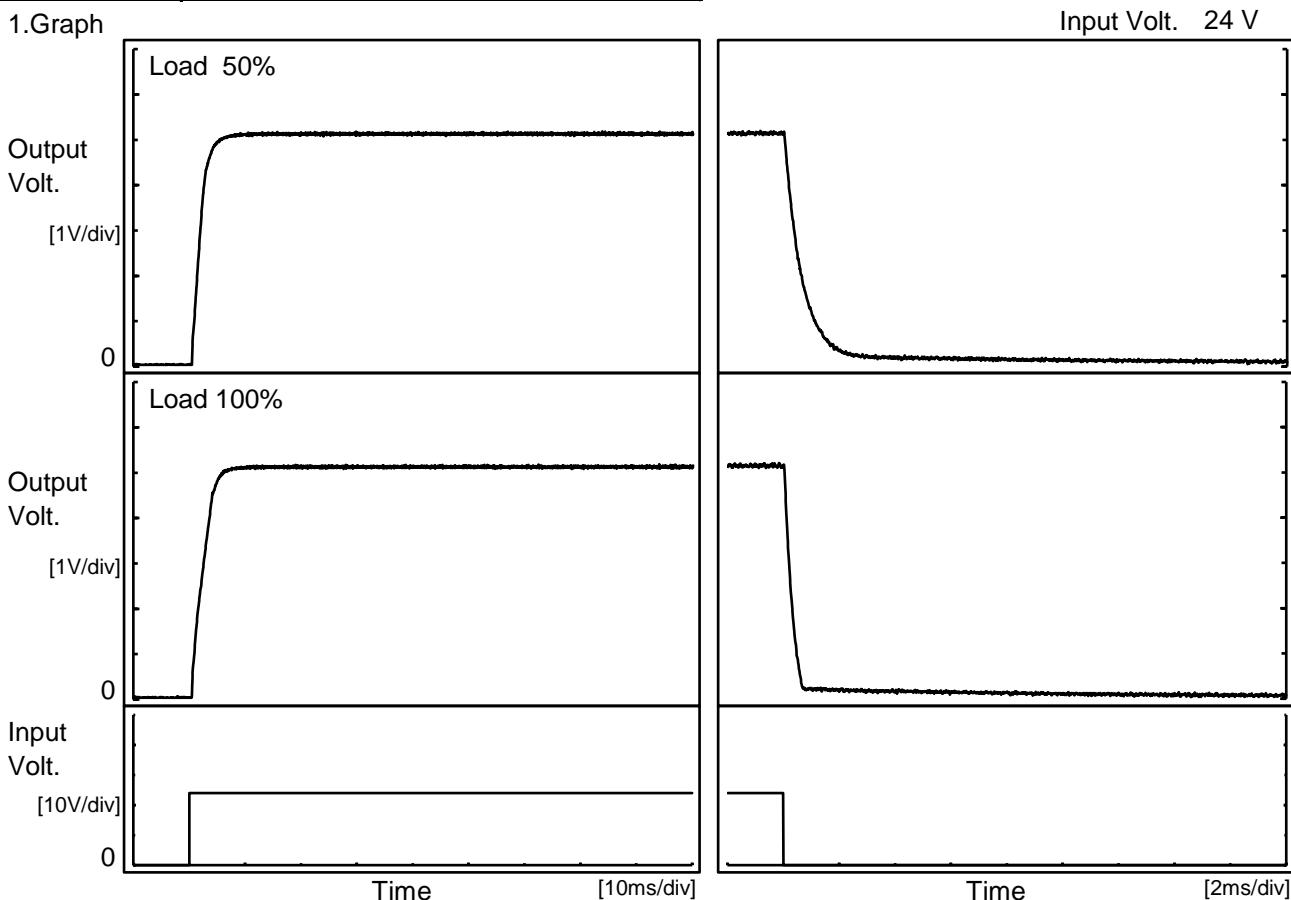
1[ms/div]

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| | |
|--------|--------------------|
| Model | MUS1R52405 |
| Item | Rise and Fall Time |
| Object | +5V0.3A |

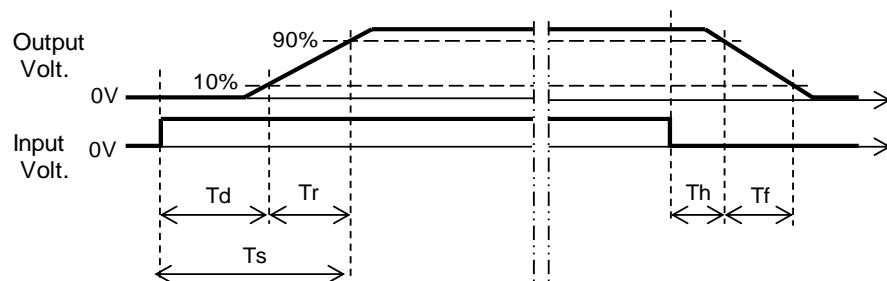
Temperature 25°C
Testing Circuitry Figure A

1. Graph



2. Values

| Load | Time | Td | Tr | Ts | Th | Tf |
|-------|------|-----|-----|-----|-----|-----|
| 50 % | | 0.6 | 2.9 | 3.5 | 0.1 | 1.5 |
| 100 % | | 0.6 | 3.5 | 4.1 | 0.1 | 0.5 |



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| Model | MUS1R52405 | Temperature | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|-------------------|-------------------|--------------------|------------------|--|--|-------------------|-------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|---|---|---|
| Item | Overcurrent Protection | Testing Circuitry | Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | +5V0.3A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | <p>— Input Volt. 18V — Input Volt. 24V — Input Volt. 36V</p> <p>Output Voltage [V]</p> <p>Load Current [A]</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Note: Slanted line shows the range of the rated load current.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.Values | <table border="1"> <thead> <tr> <th rowspan="2">Output Voltage [V]</th> <th colspan="3">Load Current [A]</th> </tr> <tr> <th>Input Volt. 18[V]</th> <th>Input Volt. 24[V]</th> <th>Input Volt. 36[V]</th> </tr> </thead> <tbody> <tr><td>4.75</td><td>0.46</td><td>0.51</td><td>0.56</td></tr> <tr><td>4.50</td><td>0.48</td><td>0.53</td><td>0.58</td></tr> <tr><td>4.00</td><td>0.52</td><td>0.56</td><td>0.63</td></tr> <tr><td>3.50</td><td>0.56</td><td>0.61</td><td>0.67</td></tr> <tr><td>3.00</td><td>0.60</td><td>0.66</td><td>0.73</td></tr> <tr><td>2.50</td><td>0.66</td><td>0.71</td><td>0.79</td></tr> <tr><td>2.00</td><td>0.72</td><td>0.78</td><td>0.85</td></tr> <tr><td>1.50</td><td>0.79</td><td>0.85</td><td>0.92</td></tr> <tr><td>1.00</td><td>0.87</td><td>0.93</td><td>1.00</td></tr> <tr><td>0.50</td><td>0.97</td><td>1.02</td><td>1.07</td></tr> <tr><td>0.00</td><td>1.10</td><td>1.11</td><td>1.12</td></tr> <tr><td>--</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> | | | Output Voltage [V] | Load Current [A] | | | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | 4.75 | 0.46 | 0.51 | 0.56 | 4.50 | 0.48 | 0.53 | 0.58 | 4.00 | 0.52 | 0.56 | 0.63 | 3.50 | 0.56 | 0.61 | 0.67 | 3.00 | 0.60 | 0.66 | 0.73 | 2.50 | 0.66 | 0.71 | 0.79 | 2.00 | 0.72 | 0.78 | 0.85 | 1.50 | 0.79 | 0.85 | 0.92 | 1.00 | 0.87 | 0.93 | 1.00 | 0.50 | 0.97 | 1.02 | 1.07 | 0.00 | 1.10 | 1.11 | 1.12 | -- | - | - | - |
| Output Voltage [V] | Load Current [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 18[V] | Input Volt. 24[V] | Input Volt. 36[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.75 | 0.46 | 0.51 | 0.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.50 | 0.48 | 0.53 | 0.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.00 | 0.52 | 0.56 | 0.63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.50 | 0.56 | 0.61 | 0.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.00 | 0.60 | 0.66 | 0.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.50 | 0.66 | 0.71 | 0.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.00 | 0.72 | 0.78 | 0.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.50 | 0.79 | 0.85 | 0.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.00 | 0.87 | 0.93 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.50 | 0.97 | 1.02 | 1.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | 1.10 | 1.11 | 1.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | |
|--------|---------------------------|----------------------------|
| Model | MUS1R52405 | |
| Item | Ambient Temperature Drift | Testing Circuitry Figure A |
| Object | +5V0.3A | |

1.Values

Load 100%

| Ambient Temperature[°C] | Output Voltage [V] | | |
|-------------------------|--------------------|-----------------|-----------------|
| | Input Volt. 18V | Input Volt. 24V | Input Volt. 36V |
| -40 | 5.057 | 5.058 | 5.059 |
| 25 | 5.110 | 5.111 | 5.111 |
| 85 | 5.122 | 5.122 | 5.122 |

| | | |
|--------|---|----------------------------|
| Item | Minimum Input Voltage for Regulated Output Voltage | Testing Circuitry Figure A |
| Object | +5V0.3A | |

1.Values

| Ambient Temperature[°C] | Input Voltage [V] | |
|-------------------------|-------------------|-----------|
| | Load 50% | Load 100% |
| -40 | 14.0 | 13.9 |
| 25 | 13.9 | 14.0 |
| 85 | 13.9 | 14.0 |

COSEL

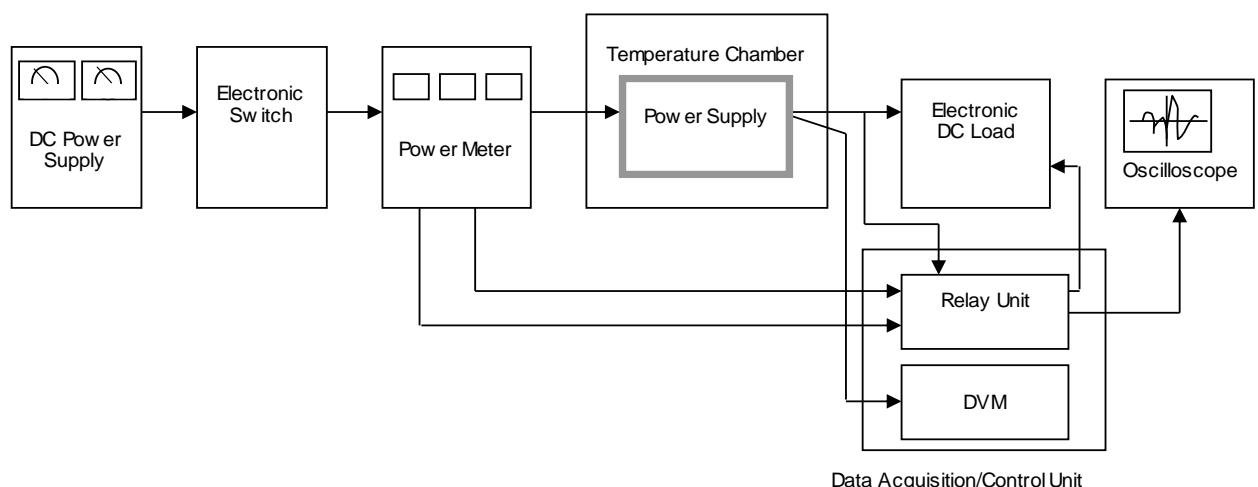


Figure A

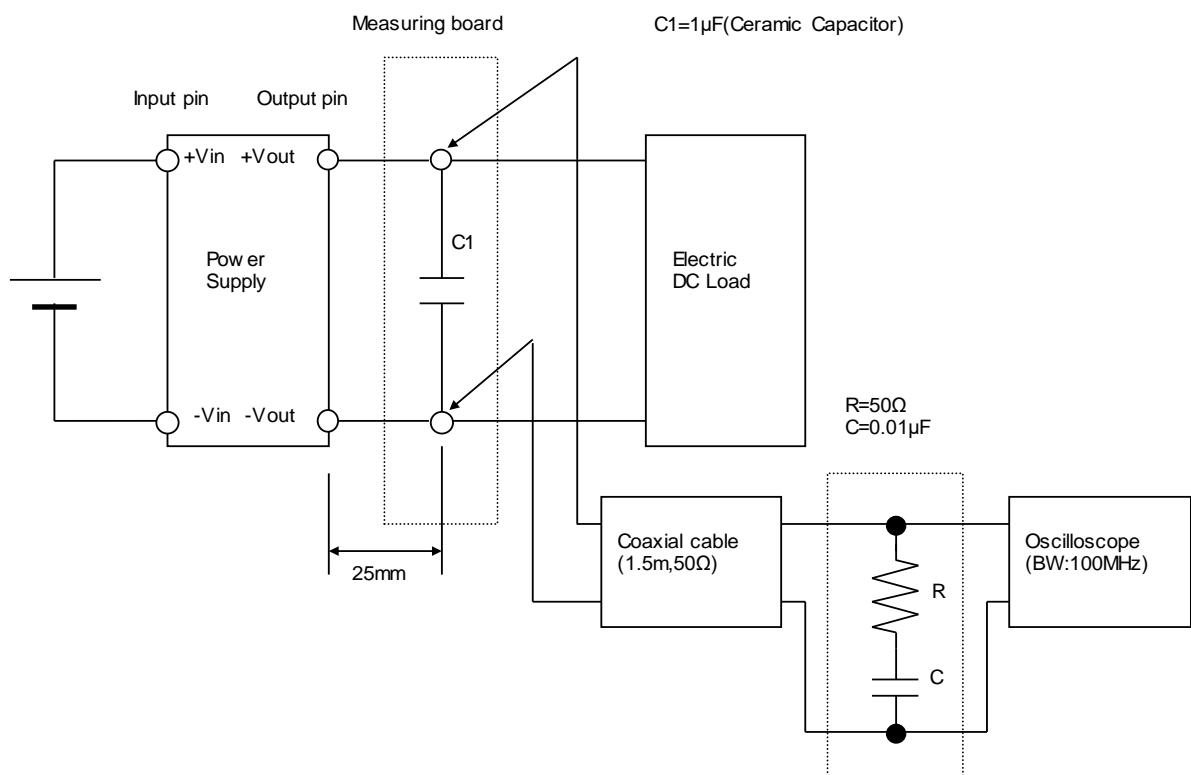


Figure B