



TEST DATA OF MUS152415

Regulated DC Power Supply
July 1, 2026

Approved by : Masahiro Shima
Design Manager

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Design Engineer

COSEL CO.,LTD.

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Model		MUS152415	Temperature		25°C																																																			
Item		Input Current (by Load Current)	Testing Circuitry		Figure A																																																			
Object		_____																																																						
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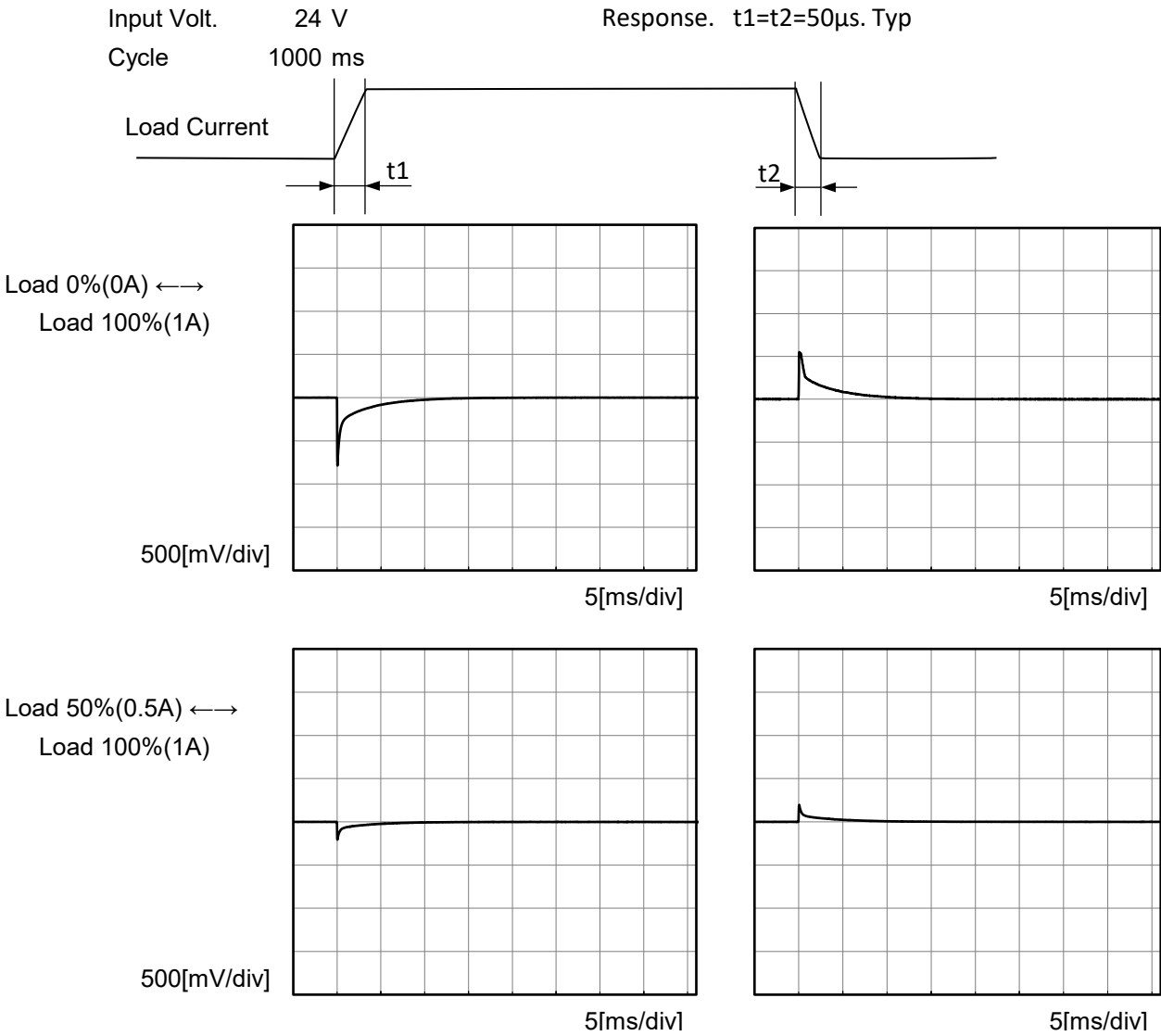
Model		MUS152415	Temperature Testing Circuitry	25°C Figure A
Item		Line Regulation		
Object		+15V1A		
1.Graph			2.Values	
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Model		MUS152415	Temperature 25°C Testing Circuitry Figure A
Item		Dynamic Load Response	
Object		+15V1A	

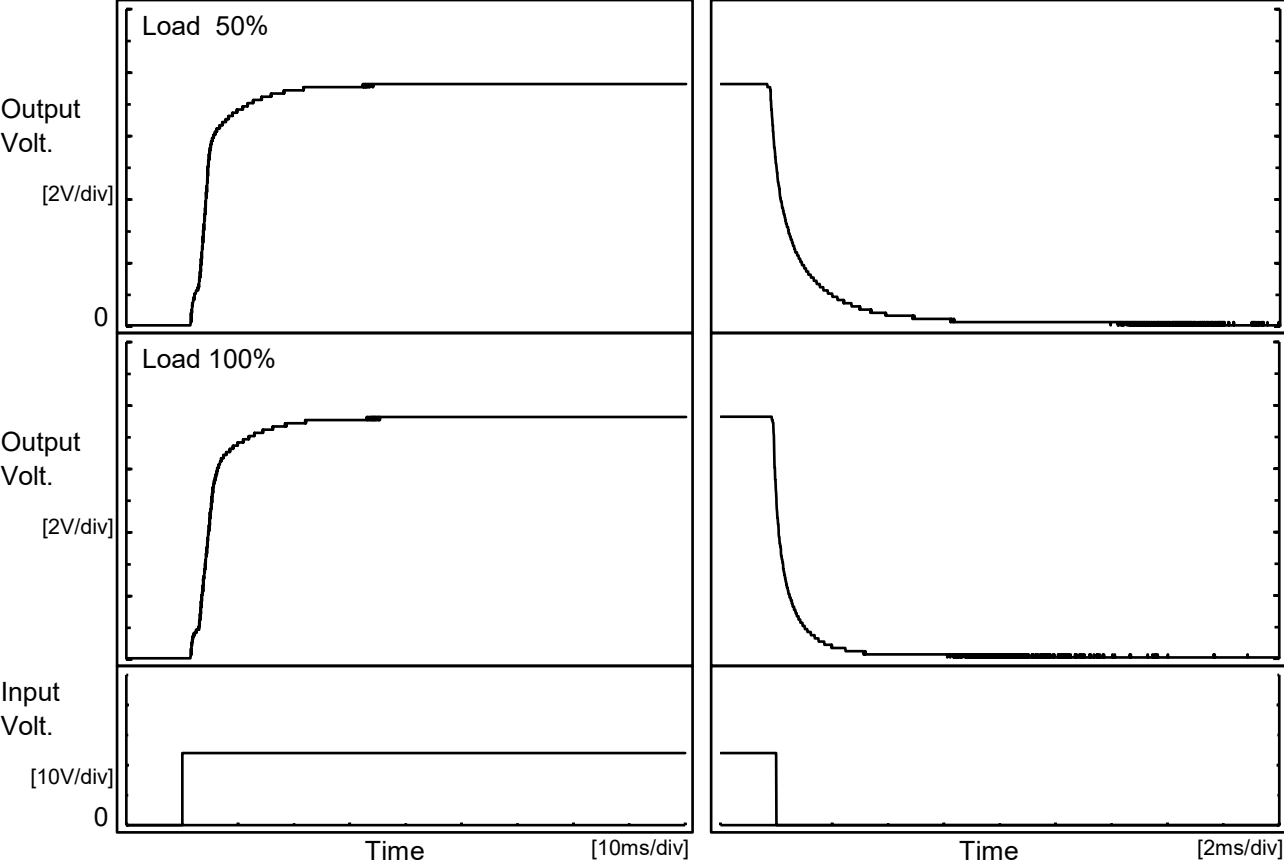




Model		MUS152415	Temperature 25°C Testing Circuitry Figure A
Item		Rise and Fall Time	
Object		+15V1A	

1.Graph

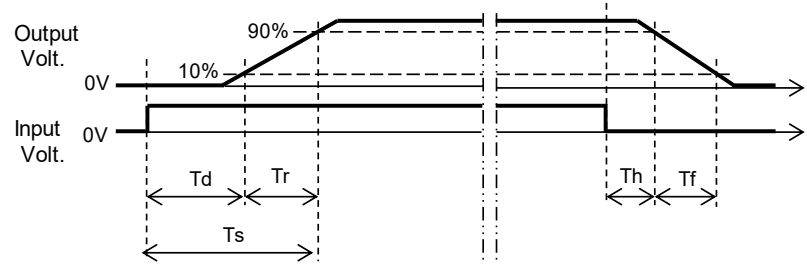
Input Volt. 24 V



2.Values

[ms]

Load \ Time	Td	Tr	Ts	Th	Tf
50 %	2.0	7.8	9.8	0.2	2.6
100 %	2.1	7.8	9.9	0.1	1.3



Model		MUS152415	Temperature Testing Circuitry	25°C Figure A																																																							
Item		Overcurrent Protection																																																									
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		Testing Circuitry Figure A
Model	MUS152415	
Item	Ambient Temperature Drift	
Object	+15V1A	

1.Values

Load 100%

Ambient Temperature[°C]	Output Voltage [V]		
	Input Volt. 18V	Input Volt. 24V	Input Volt. 36V
-40	15.021	15.018	15.014
25	15.063	15.062	15.058
85	15.043	15.042	15.039

Item	Minimum Input Voltage for Regulated Output Voltage	Testing Circuitry Figure A
Object	+15V1A	

1.Values

Ambient Temperature[°C]	Input Voltage [V]	
	Load 50%	Load 100%
-40	13.6	13.7
25	13.7	13.7
85	13.7	13.7

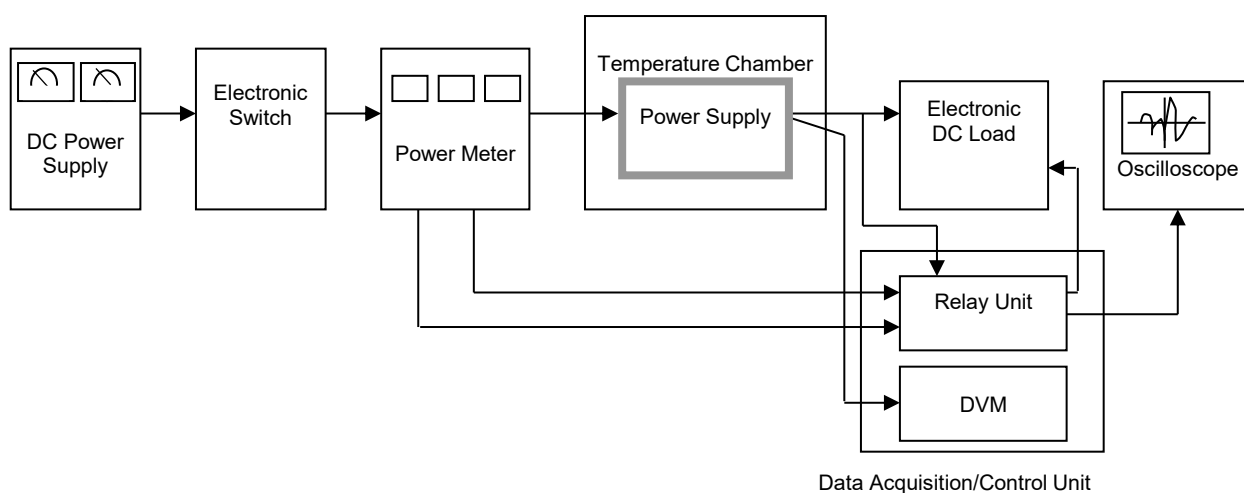


Figure A

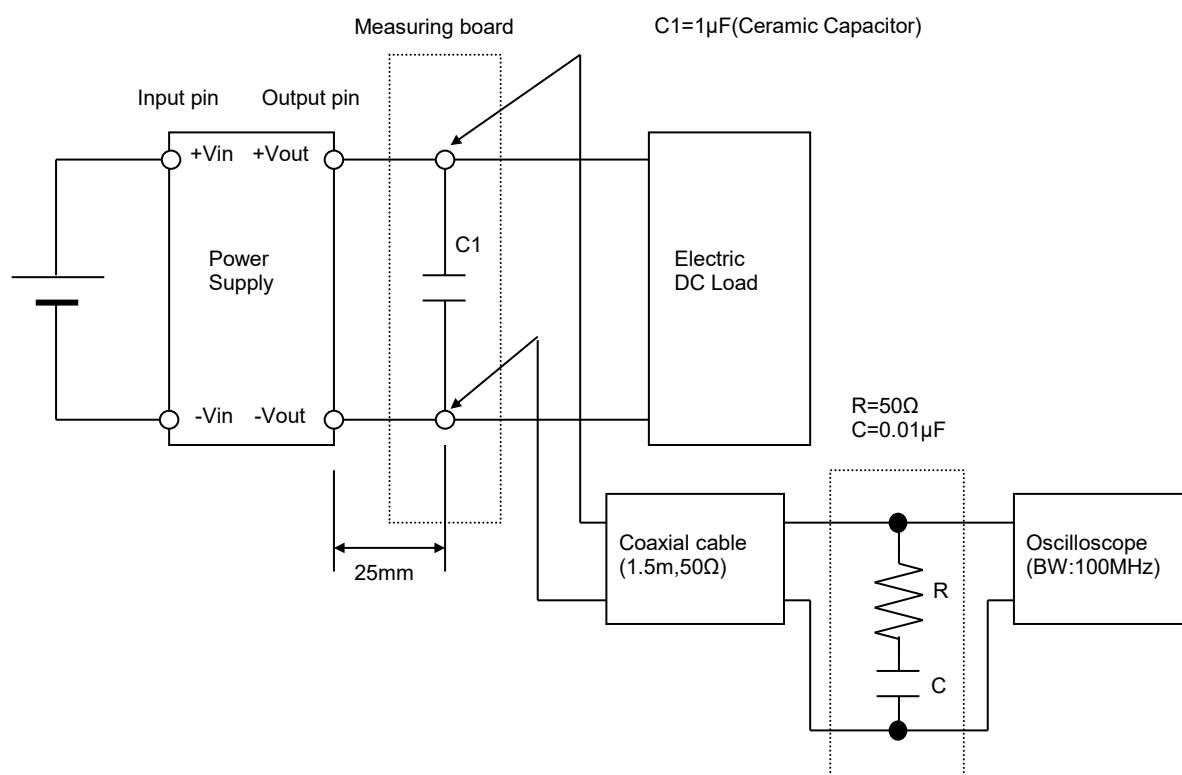


Figure B