参考資料

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TEST DATA OF NAH-40-□□□-F

Noise Filter

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Approved by : Tadayuki Noda
Design Manager

Prepared by : Naoya Kunishima
Design Engineer

COSEL CO.,LTD.

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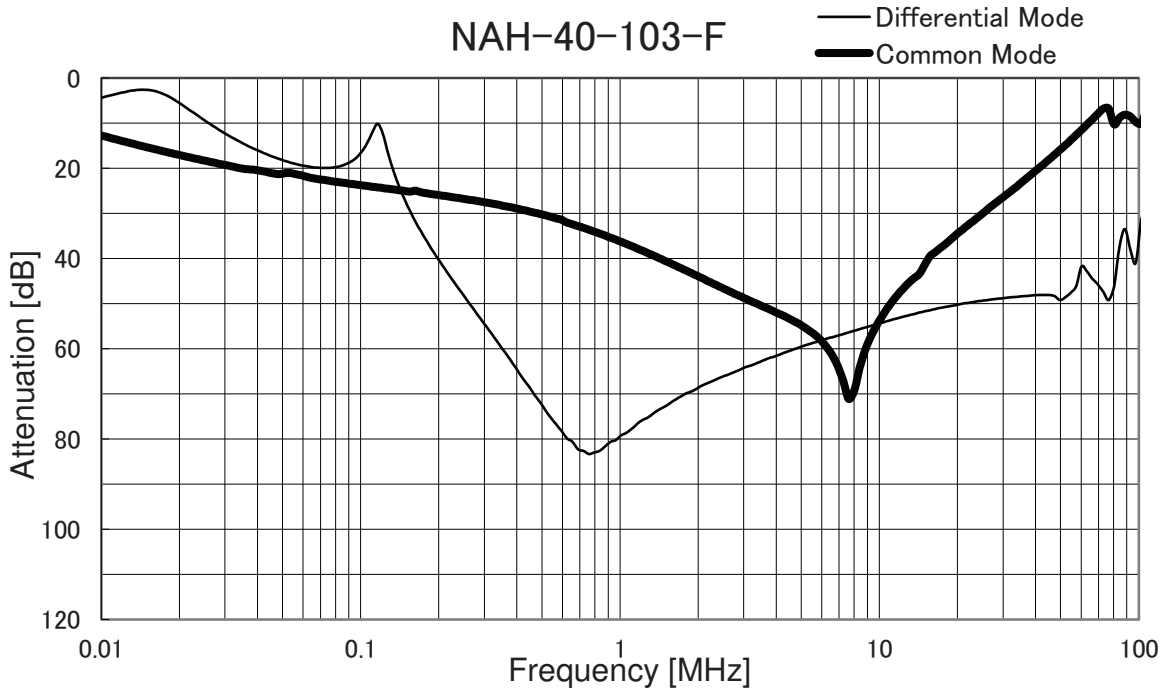
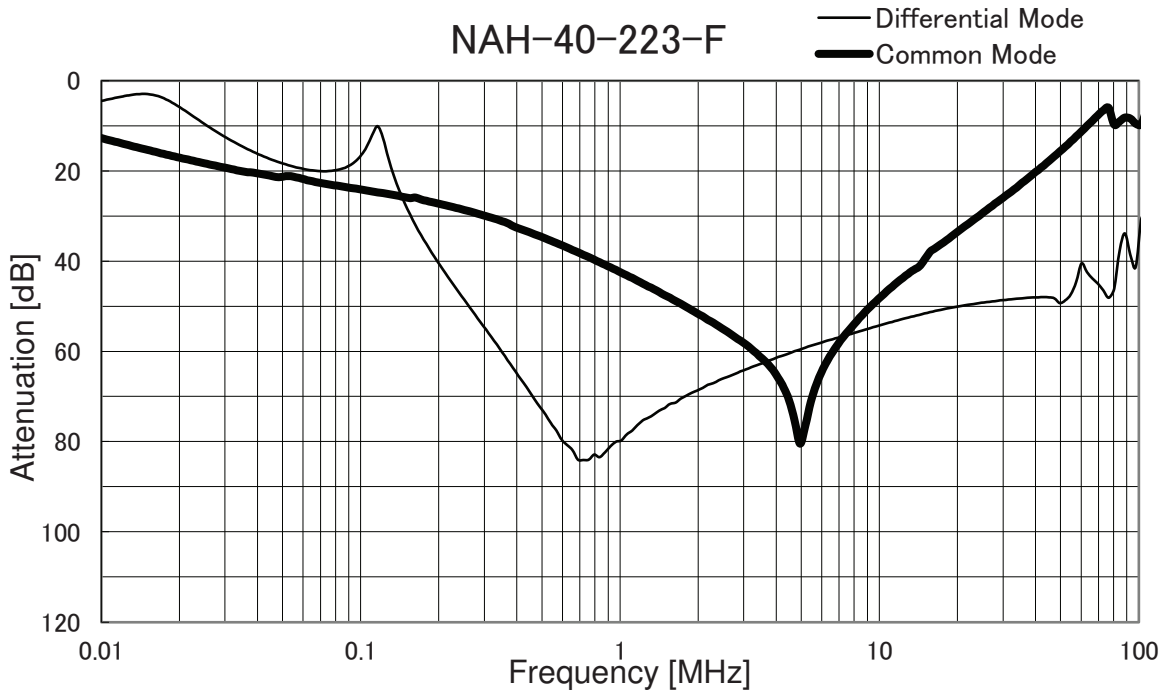
Model	NAH-40-□□□-F	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	――――――――――	





BC-11795

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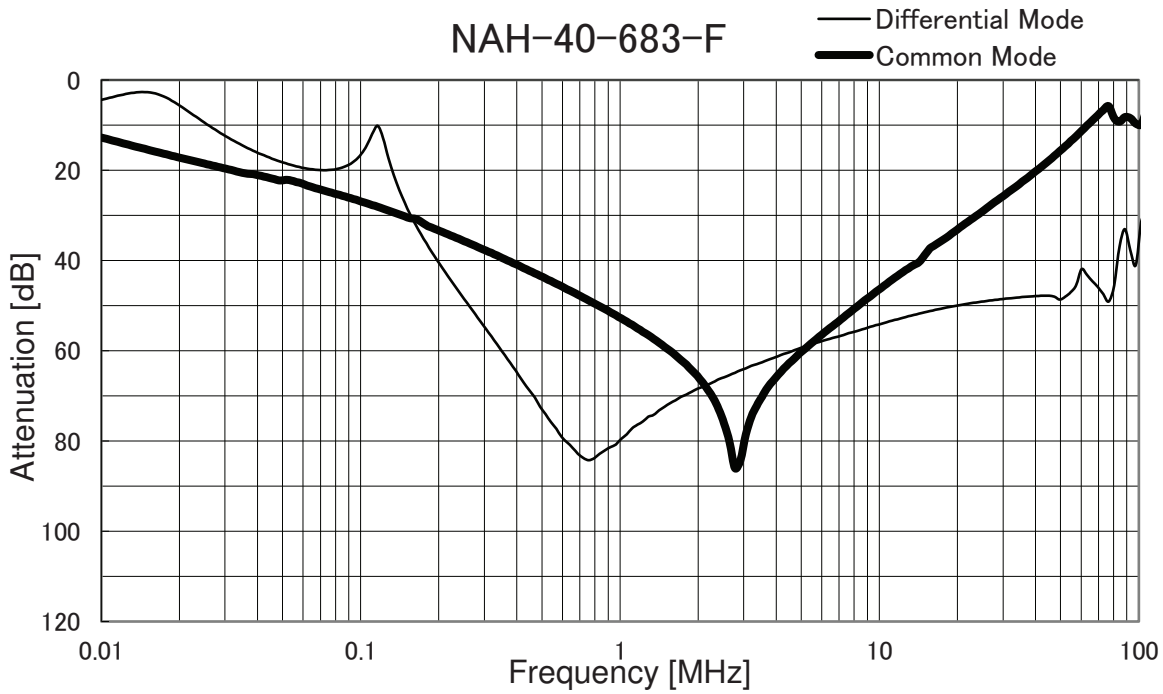
Model	NAH-40-□□□-F	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	――――――――――	



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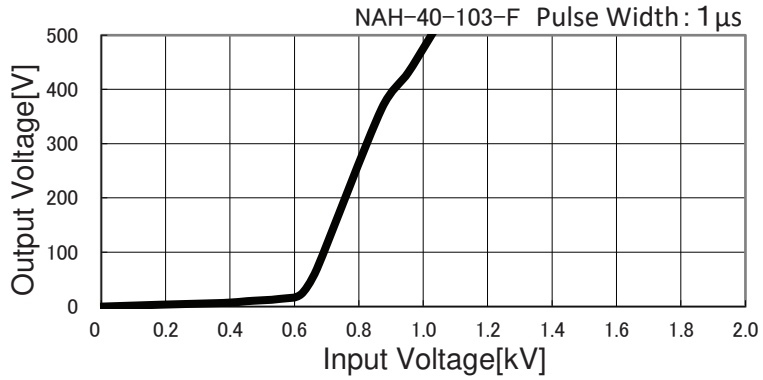
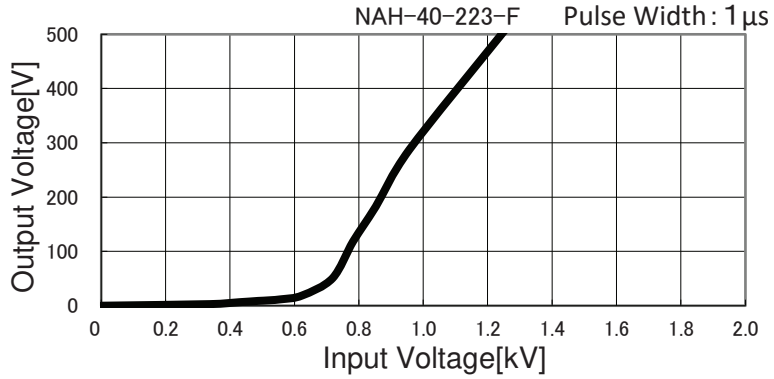
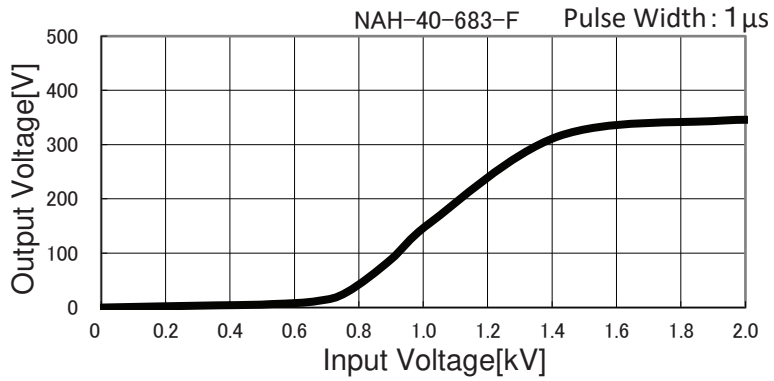
Model	NAH-40-□□□-F	
Item	Pulse Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure B
Object	―――――――――――――	







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Model	NAH-40-□□□-F	
Item	Leakage Current	Temperature 25°C Testing Circuitry Figure C
Object	――――――――――――	

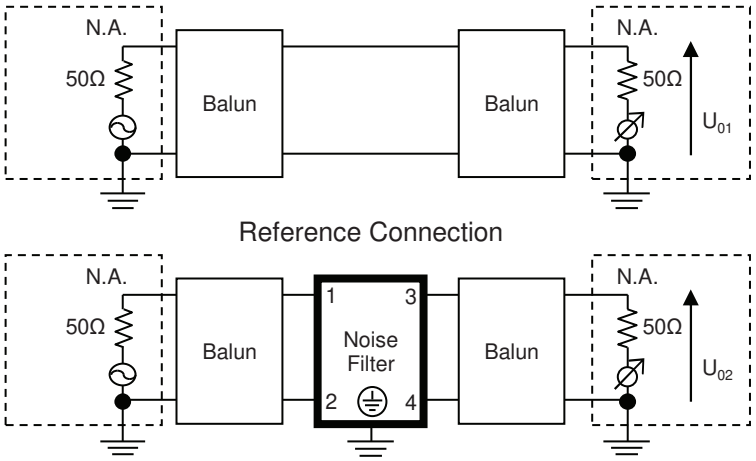
1.Results

[mA]

Model	Standards	Input Volt.					Note
		200[V]	250[V]	400[V]	480[V]	500[V]	
NAH-40-103-F	UL60939	0.180	0.225	0.360	0.440	0.450	
NAH-40-223-F	UL60939	0.400	0.500	0.800	0.950	1.000	
NAH-40-683-F	UL60939	1.200	1.500	2.400	2.900	3.100	

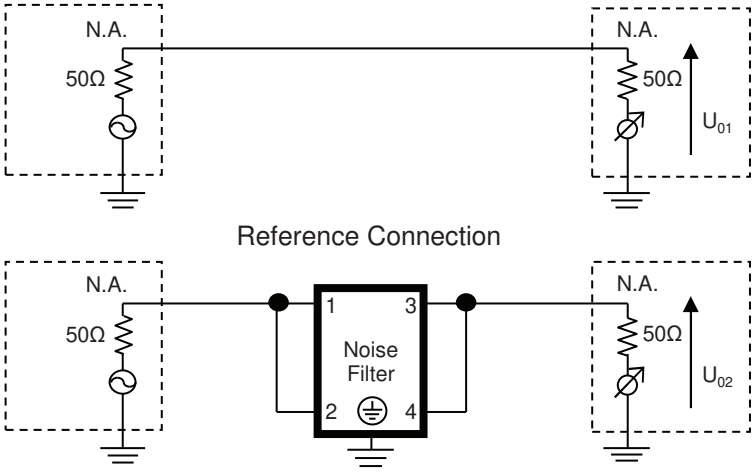
2.Condition

Leakage current value is concluded after measuring both phases of AC input and by choosing the larger one.



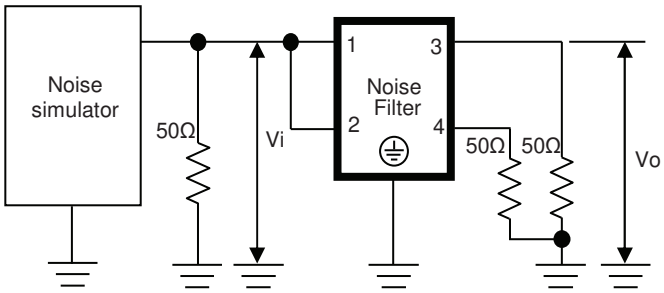
Attenuation = $20\log(U_{01}/U_{02})$ [dB]
U_{01} : Voltage in state without filters
U_{02} : Voltage in state which added filters
N.A. : Network Analyzer

Figure A - 1 Differential mode attenuation measurement

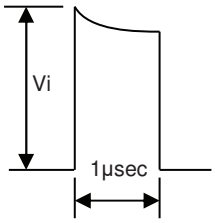


Attenuation = $20\log(U_{01}/U_{02})$ [dB]
U_{01} : Voltage in state without filters
U_{02} : Voltage in state which added filters
N.A. : Network Analyzer

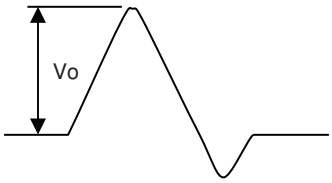
Figure A - 2 Common mode attenuation measurement



Pulse attenuation measurement

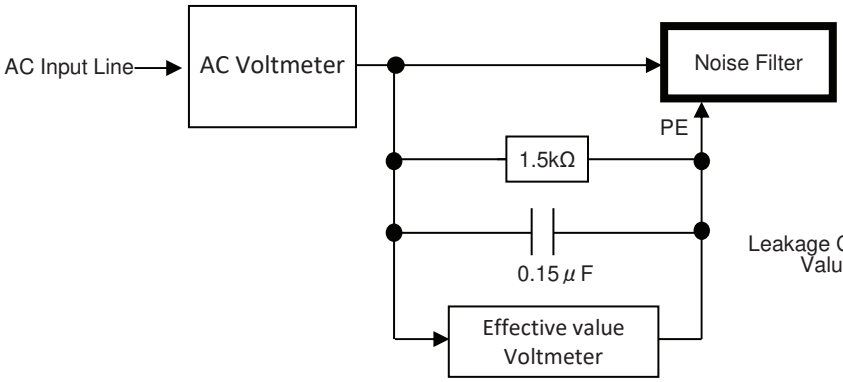


Input impulse waveform



Output impulse waveform

Figure B Pulse attenuation measurement



$$\text{Leakage Current Value [A]} = \frac{\text{Effective Value of Voltmeter [V]}}{\text{1.5K [Ω]}}$$

Figure C Leakage current measurement (UL60939)