

NOISE FILTER SELECTION GUIDE

Other Features

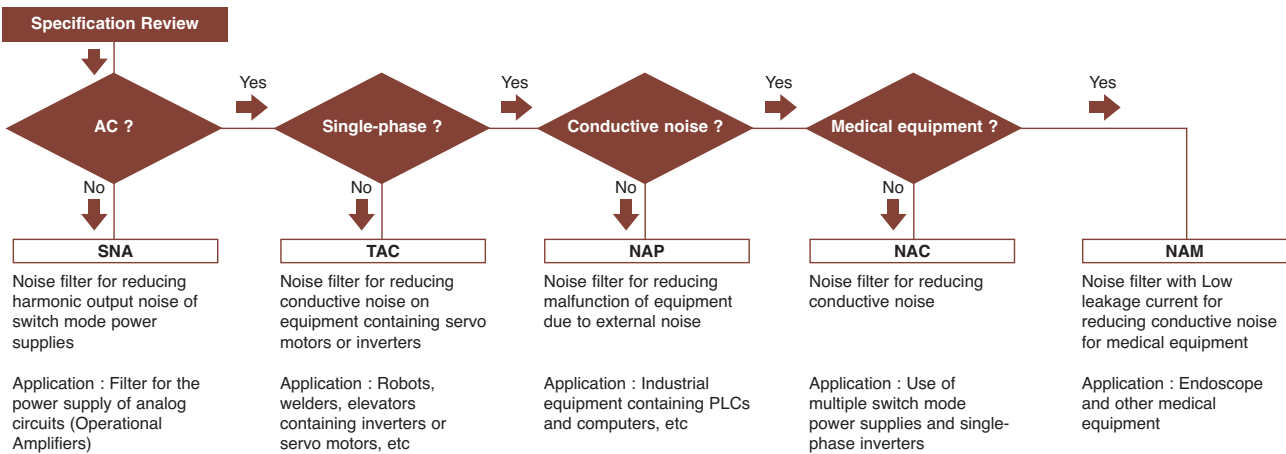
- Can be used from an ambient temperature of -40°C
The noise filters can be used in low temperature environments. (The minimum agency approved temperature is -25°C).
- ENEC mark (excludes the SNA series)
Electronic components that are licensed under CENELEC ENEC Agreement do not require application for agency approval among the member.

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Product Selection Guide

You can easily select model by using the follow chart below



Noise Filters

Extensive lineup for various applications

Input Voltage	Interface	Series Name	Rated Current (A)							Leakage Current	Pulse Attenuation	Agency Approval
			1	3	6	10	16	20	30			
Single-phase 250 VAC	M4 Terminal Block	NAC			●	●	●	●	●	150μA ~ 1.0mA	○	C, RU, US, D'E, ENEC 10
		NAM			●	●	●	●	●	10μA ~ 100μA	○	C, RU, US, D'E, ENEC 10
		NAP			●	●	●	●	●	10μA ~ 1.0mA	◎	C, RU, US, D'E, ENEC 10
Three-phase 500 VAC	M4 Terminal Block	TAC			●	●		●	●	5.0mA	○	C, RU, US, D'E, ENEC 10
DC Line ±50 VDC	Connector M3 Terminal Block	SNA	●	●	●					-	-	C, RU, US, TÜV Rheinland
		SNA			●					-	-	C, RU, US, TÜV Rheinland



Single-Phase Input Type
(NAC, NAM, and NAP Series)



Three-Phase Input Type
(TAC Series)



DC Type
(SNA Series)

EXTENSIVE VARIATIONS SUPPORT DIFFERENT TYPES OF APPLICATIONS

Single-Phase Input Type



NAC, NAM and NAP Series

Input	Series	Function	Applications	Number of Variations	
250VAC	NAC Series Current: 6, 10, 16, 20, and 30 A	Reduction of conductive noise	Use of multiple switch mode power supplies and single-phase inverters	Rated current x Line to ground capacitor x DIN rail option	50 5 5 2
	NAM Series Current: 6, 10, 16, 20, and 30 A	Low leakage current and reduction of conductive noise for medical equipment	Endoscope and other medical equipment	Rated current x Line to ground capacitor x DIN rail option	50 5 5 2
	NAP Series Current: 6, 10, 16, 20, and 30 A	Reduction of malfunction of equipment due to external noise	Industrial equipment containing PLCs and computers, etc.	Rated current x Line to ground capacitor x DIN rail option	100 5 10 2

Three-Phase Input Type



TAC Series

Input	Series	Function	Applications	Number of Variations	
500VAC	TAC Series Current: 6, 10, 16, 20, and 30 A	Reduction of conductive noise on equipment containing servo motors or inverters	Robots, welders, elevators containing inverters or servo motors, etc	Rated current x Line to ground capacitor x DIN rail option	8 4 1 2

DC Type



SNA Series

Input	Series	Function	Applications	Number of Variations	
±50VDC	SNA Series Current: 1, 3 and 6 A	Reduction of harmonic output noise of switch mode power supplies	Filter for the power supply of analog circuits (Operational Amplifier)	Rated current (1, 3A) x Line to ground capacitor x DIN rail option	16 2 8 2
				Rated current (6A) x Line to ground capacitor x DIN rail option x I/F connector / terminal block	1 2 2 2