

RoHS
Compliant

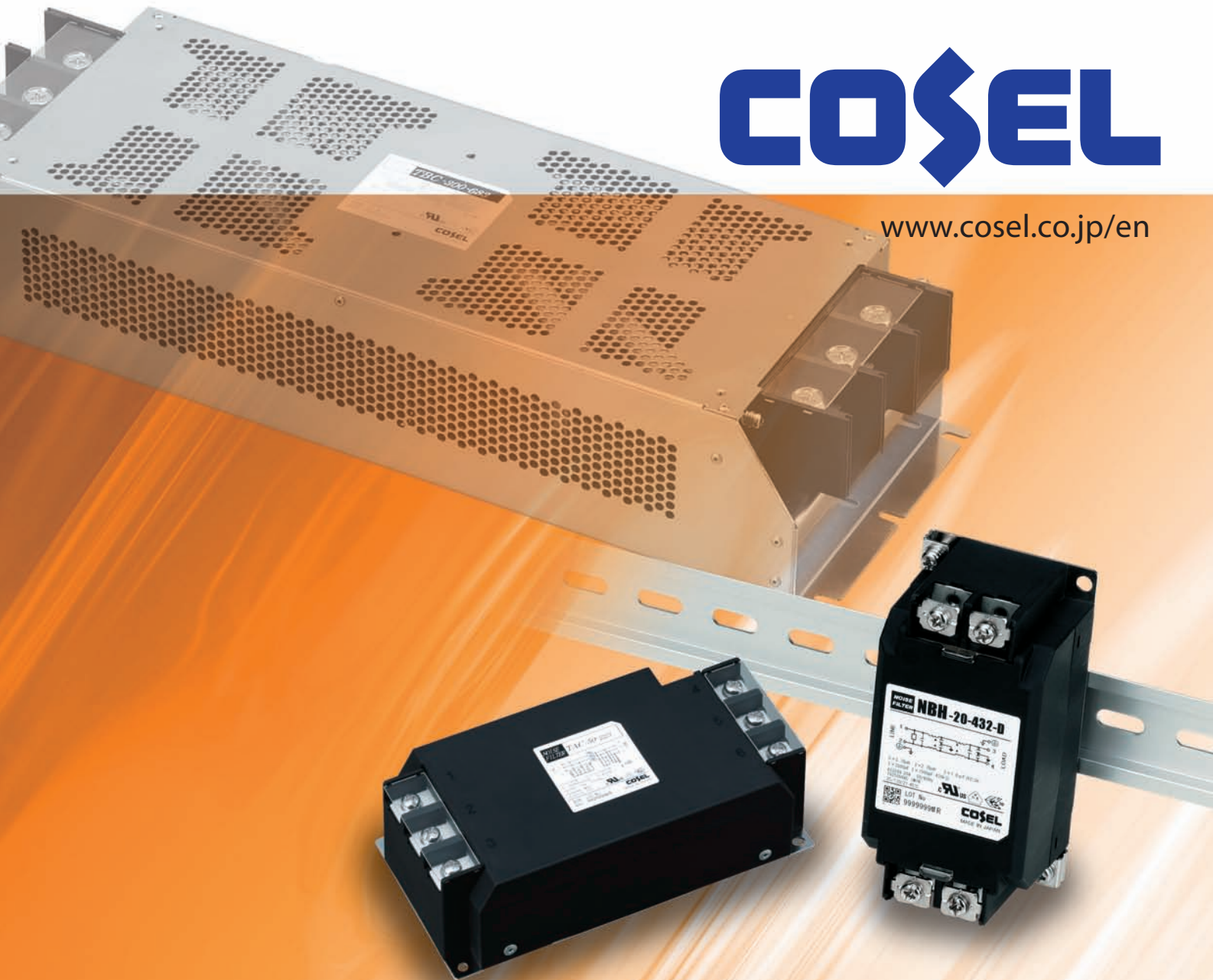
Noise Filter

EMC noise filter

5 Year warranty

COSEL

www.cosel.co.jp/en



Noise Filter Selection Guide

Three phase noise filter

Rated output current: 4A, 6A, 10A, 20A, 30A, 50A, 100A, 150A, 200A, 250A, 300A

TAC Series (4A to 30A) High attenuation for Low frequency range (150kHz to 1MHz)

TAH Series (4A to 30A) High attenuation for extended low frequency range (10kHz to 1MHz)

DIN rail (option) TAC/TAH (4A to 30A)

TBC Series (50A, 100A, 150A, 200 to 300A) High attenuation for low frequency range (150kHz to 1MHz)

1 stage filter (TAC/TAH series for 30A or less)

2 stage filter (TBC series for 50A or more)

RoHS, Selectable leakage current specification

Single phase noise filter

Rated output current: 4A, 6A, 10A, 16A, 20A, 30A

NAC Series (4A to 30A) High attenuation for Low frequency range (150kHz to 1MHz)

NAH Series (6A to 30A) High attenuation for extended low frequency range (10kHz to 1MHz)

DIN rail (option) NAC/NAH NAM/NAP

NAM Series (4A to 30A) Low leakage current

NAP Series (4A to 30A) Attenuation for in-pulse voltage

NBC Series (6A to 30A) High attenuation for Low frequency range (150kHz to 1MHz)

NBM Series (6A to 30A) Low leakage current 4kV withstanding voltage

DIN rail (option) NBC/NBM

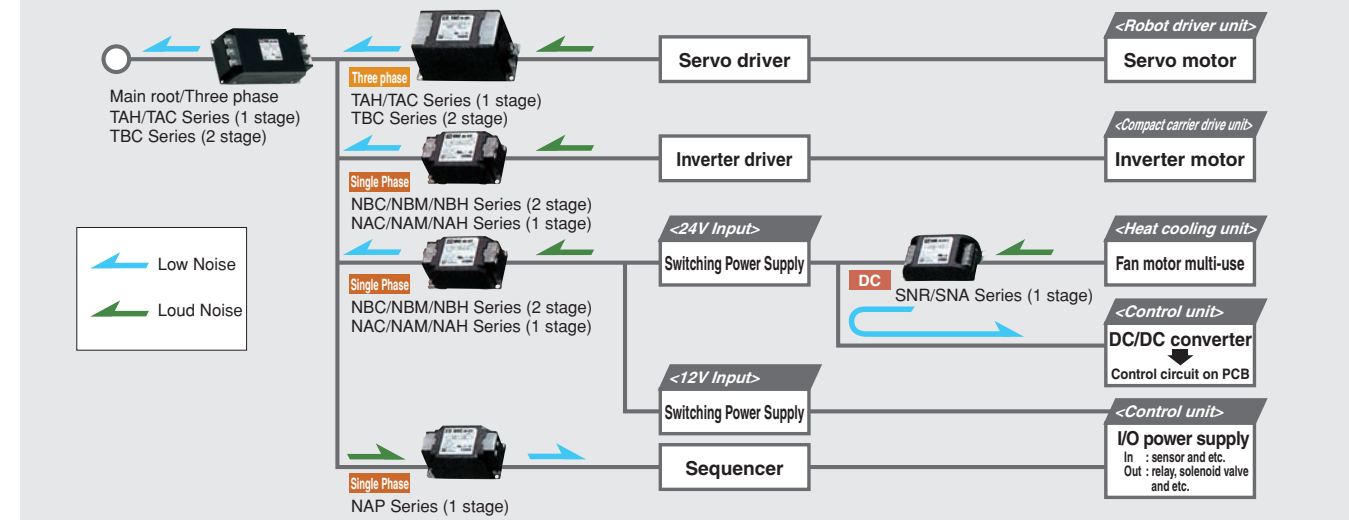
NBH Series (6A to 30A) High attenuation for wide frequency range (10kHz to 10MHz)

1 stage filter (NAC/NAH series for 30A or less)

2 stage filter (NBC series for 50A or more)

RoHS, Selectable leakage current specification

Diagram of sample application



Push down type terminal block

Items: NA/NB series, TAC/TAH series (30A or less)

Improving assembly efficiency.

- 1 Assembly efficiency is not sufficient. → **Efficient assembly**
- 2 Increasing cost. → **Cost reduction**
- 3 Missing assembly parts. → **Safety structure**

Easy wiring, No unexpected cost, Prevents missing screws and terminal covers.

Push down type terminal block

Time saving: up to one fifth wiring time against general stud terminal

Prevents screws from off

Prevents missing screws by slide cover adoption

1/5

Insert O-ring terminal with wire and screw the stud. Slide the cover

Slide cover is for safety design and easy low cost assembly.

Selectable leakage current specification

Items: NA/NB series, TAC/TAH series (50A or more)

Selectable leakage current is a useful solution for EMI noise reduction. System leakage current has wider adjustability with COSEL noise filter.

PBA150F-24-G

PBA150F-24-G + NAM-06-471

DC noise filter

Rated output current: 1A, 3A, 6A, 10A

SNA Series (1A/3A) For ±DC power supply use

SNA Series (6A) For ±DC power supply use

SNR Series (10A) For use of single output power supply (Option: peak output current)

DIN rail (option) SNA/SNR

Terminal block (Option) SNA(6A) / SNR(10A)

RoHS