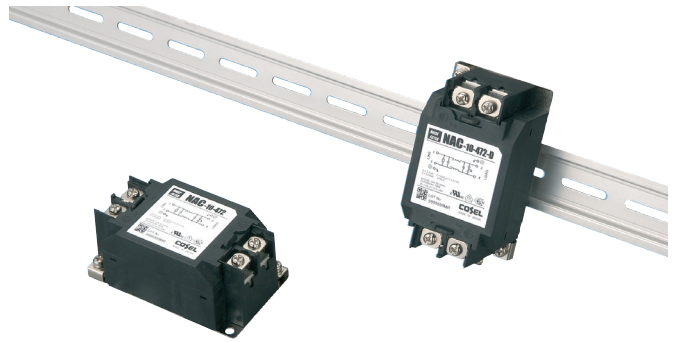


# NAC

## AC FILTER

### Features

- High-attenuation type of common mode noise from 150kHz to 1MHz.
- Single Phase 250Vac.
- Selectable leakage current.
- Quick and easy push down terminal.
- Din rail installation type (Option).



### Specifications

#### INPUT

Voltage	250Vac/250Vdc, 1 phase
Test voltage (Terminal-mounting plate)	2.5kVac (cutoff current = 20mA), 1 minute at room temperature and humidity.
Isolation resistance (Terminal-mounting plate)	500Vdc, 100MW minute at room temperature and humidity.

#### OUTPUT

Current	See table.
Leakage current	0.5mA/1.0mA (125/250Vac, 60Hz)
Voltage drop	1.0V max

#### ENVIRONMENTAL

Safety agency approval Temperature	-25°C to 85°C (Refer to derating curve).
Operating temperature	-40°C to 85°C (Refer to derating curve).
Storage temperature	-40°C to 85°C
Humidity	20% to 95% RH (Non-condensing)
Vibration	10 to 55Hz, 19.6m/s <sup>2</sup> (2G), 3min. Period, 1 hour each X, Y and Z axis.
Impact	196.1m/s <sup>2</sup> (20G), 11ms once each X, Y and Z axis.

#### STANDARDS

Safety	UL1283, CSA C 22.2 No. 8 (C-UL), DIN EN133200 VDE0565 Teil3-1, ENEC (At only AC input).
C-tick	AS/NZS CISPR11 Group 1, Class A

### Ordering Information

NAC	-10	-472	-	□
(1)	(2)	(3)	-	(4)

1. Model name
  2. Rated current
  3. Line to ground capacitor code
  4. Options
- D: Din rail installation type.

CODE	CURRENT
06	6A
10	10A
16	16A
20	20A
30	30A

CODE	LEAKAGE CURRENT (INPUT 125/250V 60HZ)	LINE TO GROUND CAPACITOR (NOMINAL VALUE)
681	75.5mA / 150mA max	680pF
102	0.13mA / 0.25mA max	1000pF
222	0.25mA / 0.5mA max	2200pF
332	0.38mA / 0.75mA max	3300pF
472	0.5mA / 1.0mA max	4700pF

When the line to ground capacitor code is different, the attenuation characteristic is different.