

## NAP



### Features

- Single Phase 250 VAC
- Selectable leakage current
- Quick and easy push-down terminal. Just connect the wires, push down and tighten the screws with a screwdriver.
- DIN rail installation (option)
- Outside Impulse high-attenuation type
- RoHS Compliant

Model	Rated Voltage [V]	Rated Current [A]
NAP-06-472	AC 1- 250 / DC250	6
NAP-10-472	AC 1- 250 / DC250	10
NAP-16-472	AC 1- 250 / DC250	16
NAP-20-472	AC 1- 250 / DC250	20
NAP-30-472	AC 1- 250 / DC250	30
NAP-04-472	AC 1- 250 / DC250	4

# NAP series

NAP -10 -472 -□

① ② ③ ④

- ① Model Name
- ② Rated Current
- ③ Line to ground capacitor code: See table 1.1.

table 1.1 Line to ground capacitor code

Code	Leakage Current (Input 125/250V 60Hz)	Line to ground capacitor (nominal value)
000	5 $\mu$ A/ 10 $\mu$ A max	Not Provided
101	12.5 $\mu$ A/ 25 $\mu$ A max	100pF
221	25 $\mu$ A/ 50 $\mu$ A max	220pF
331	37.5 $\mu$ A/ 75 $\mu$ A max	330pF
471	50 $\mu$ A/100 $\mu$ A max	470pF
681	75.5 $\mu$ A/150 $\mu$ A max	680pF
102	0.13mA/0.25mA max	1000pF
222	0.25mA/0.5 mA max	2200pF
332	0.38mA/0.75mA max	3300pF
472	0.5 mA/1.0 mA max	4700pF

\*1 When the line to ground capacitor code is different, the attenuation characteristic is different.

- ④ Options
- D: DIN rail installation type

\* The dimensions change when the option is set. Refer to External view.



RoHS



The terminal cover is retracted inside the unit



DIN rail installation type is option

## Features of NAP series

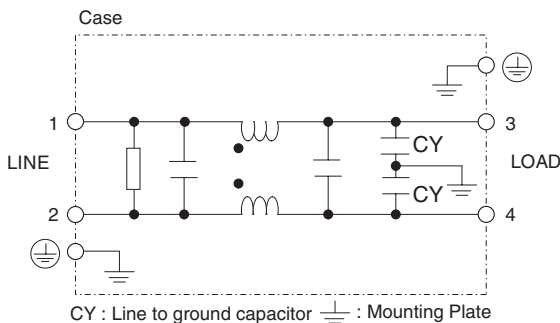
### High-voltage pulses high-attenuation type

- Single Phase 250 VAC
- Quick and easy push-down terminal
- Just connect the wires, push down and tighten the screws with a screwdriver

### Specifications

No.	Items	NAP-04-472	NAP-06-472	NAP-10-472	NAP-16-472	NAP-20-472	NAP-30-472
1	Rated Voltage[V]	AC 1 $\phi$ 250 / DC250					
2	Rated Current[A]	4	6	10	16	20	30
3	Test Voltage (Terminal-Mounting Plate)	2,500 VAC (Cutoff Current = 20mA), 1minute at room temperature and humidity					
4	Isolation Resistance (Terminal-Mounting Plate)	500 VDC 100M $\Omega$ minute at room temperature and humidity					
5	Leakage current 125/250V 60Hz	0.5mA/1.0mA max					
6	Voltage drop	1.0V max					
7	Safety agency approval temperatures	-25 to +85°C (Refer to Derating Curve)					
8	Operating temperature	-40 to +85°C (Refer to Derating Curve)					
9	Operating humidity	20 to 95%RH (Non condensing)					
10	Storage temperature/humidity	-40 to +85°C/20 to 95%RH (Non condensing)					
11	Vibration	10 to 55Hz, 19.6m/s <sup>2</sup> (2G), 3min. Period, 1hour each X, Y and Z axis					
12	Impact	196.1m/s <sup>2</sup> (20G), 11ms Once each X, Y and Z axis					
13	Safety agency approvals	UL1283, CSA C22.2 No.8 (C-UL), DIN EN133200 VDE0565 Teil3-1, ENEC (At only AC input)					
14	Case size (without projection) /Mass	53 X 41 X 92 mm (W X H X D) /300g max (Option : -D refer to external view)					

### Circuit Diagram



### Derating Curve

