NAP



.**₩**... **Æ** € RoHS

Features
Single Phase 250 VAC

Selectable leakage current

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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

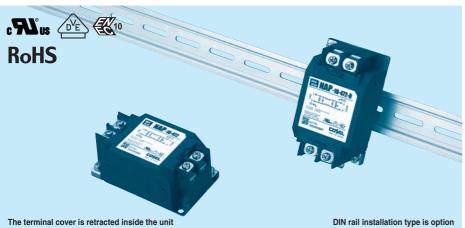
RoHS Compliant

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

Ordering information

NAP -10 -472



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

table1.1 Line to ground capacitor code

Code	Leakage Current (Input 125/250V 60Hz)	Line to ground capacitor (nominal value)		
000	5 μA/ 10μA max	Not Provided		
101	12.5 μA/ 25μA max	100pF		
221	25 μA/ 50 μA max	220pF		
331	37.5 μA/ 75μA max	330pF		
471	50 μA/100 μA max	470pF		
681	75.5 μA/150μA 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		

- 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.

Features of NAP series

High-voltage pulses high-attenuation type

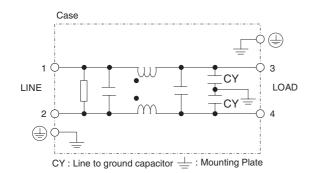
· Single Phase 250 VAC

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

Specifications

<u> </u>								
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 φ 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 100MΩ 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/s² (2G), 3min. Period, 1hour each X, Y and Z axis						
12	Impact	196.1m/s² (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	53×41×92 mm (W×H×D) /300g max (Option : -D refer to external view)						

Circuit Diagram



Derating Curve

