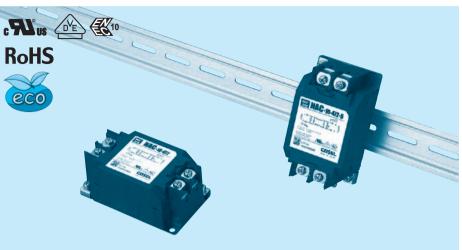
-10 -472



① Series Name ② Rated Current ③ Line to ground capacitor code: Refer to table 1.1.

table1.1 Line to ground capacitor code

Code	N A C	N A M	N A H	N A P		eakage ut 125/	Line to ground capacitor (nominal value)	
000					5	μΑ /	10μA max	Not Provided
101					12.5	μΑ /	25μA max	100pF
221					25	μΑ /	50μA max	220pF
331					37.5	μΑ /	75µA max	330pF
471					50	μΑ /	100µA max	470pF
681					75.5	μΑ /	150µA max	680pF
102					0.13	mA / (0.25mA max	1,000pF
222					0.25	mA/	0.5 mA max	2,200pF
332					0.38	mA / (0.75mA max	3,300pF
472	•			•	0.5	mA /	1.0 mA max	4.700pF

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

(4)Option

D:DIN rail installation type

 $\ensuremath{\boldsymbol{\ast}}$ The dimensions change when the option is set. Refer to External view.

Features of NAC/NAM/NAH/NAP series

· Single Phase 250VAC (1-Stage filter)

The terminal cover is retracted inside the unit

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

■ NAC: High-attenuation type from 150kHz to 1MHz ■ NAM: Low leakage current type

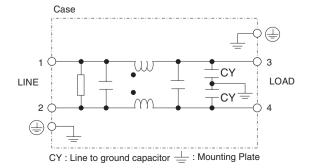
■ NAH: Ultra high-attenuation type from 9kHz to 1MHz ■ NAP: Outside impulse high-attenuation type

DIN rail installation type is option

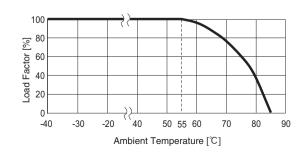
Specifications

		NAC-04-472	NAC-06-472	NAC-10-472	NAC-16-472	NAC-20-472	NAC-30-472		
No.	Items	NAM-04-000	NAM-06-000	NAM-10-000	NAM-16-000	NAM-20-000	NAM-30-000		
NO.	items	-	NAH-06-472	NAH-10-472	NAH-16-472	NAH-20-472	NAH-30-472		
		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 100M Ω min at room temperature and humidity							
5	Leakage current	Refer to table 1.1							
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℃ (Refer to Derating Curve)							
9	Operating humidity	20 to 95%RH (Non condensing)							
10	Storage temperature/humidity	-40 to +85℃/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 EN60939 VDE0565 Teil3-1, ENEC (At only AC input)							
14	Case size (without projection) /Weight	n [2.09×1.61×3.	2.09 X 1.61 X 3.62 inches] (W X H X D) /300g max (Option : -D refer to external view)						

Circuit Diagram



Derating Curve



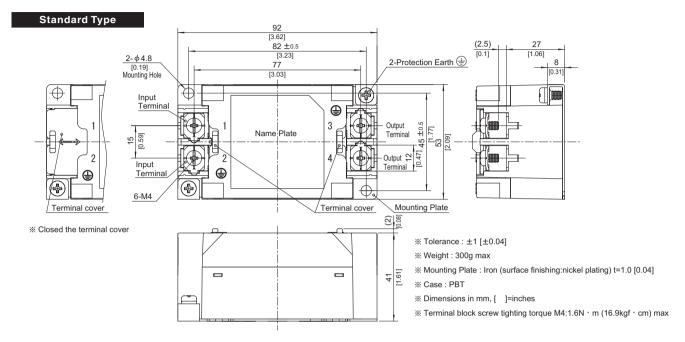


NAC/NAM/NAH/NAP series(4-30A)

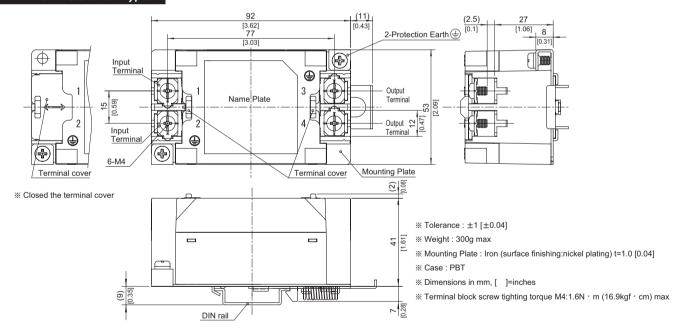


This product is shipped in the following condition, because it is equipped with push-down terminals.

- 1)The terminal cover is retracted inside the unit.
- 2)The screws for connecting the terminals are held in the up right position.



DIN rail installation Type



■Note when installing the EMI/EMC Filter on a DIN rail.

When the EMI/EMC Filter is grounded through the DIN rail, the proper noise attenuation may not be achieved.

Be sure to connect the protection earth (PE) of the EMI/EMC Filter body to the earth. At least one PE connection is required.

