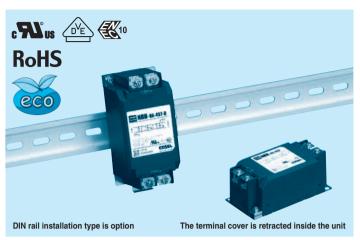
NBH series



Ordering information

NBH -10 -432

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

table1.1 Line to ground capacitor code

Code	Leakage Current (Input 125/250V 60Hz)	Line to g capacito (nominal	r	Test voltage (Terminal- Mounting Plate)		
		CY1	CY2			
000	5 μA/ 10μA max	Not Provided	Not Provided			
101	12.5 μA/ 25μA max	100pF	Not Provided			
221	25 μA/ 50 μA max	220pF	Not Provided	4,000VAC		
331	37.5 μA/ 75μA max	330pF	Not Provided			
471	50 μA/100 μA max	470pF	Not Provided			
681	75.5 μA/150μA max	680pF	Not Provided			
102	0.13mA/0.25mA max	1000pF	Not Provided			
202	0.25mA/0.5 mA max	1000pF	1000pF	2,500VAC		
322	0.38mA/0.75mA max	2200pF	1000pF			
432	0.5 mA/1.0 mA max	3300pF	1000pF			

- *When the line to ground capacitor code is different, the attenuation characteristic is different.
- (4) Option
- D:DIN rail installation type
- * The dimensions change when the option is set. Refer to External view.

Features of NBH series

Ultra high-attenuation type from 9kHz to 10MHz (2-Stage filter)

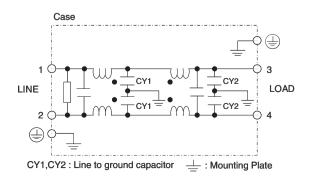
- · Single Phase 250VAC
- · Withstand voltage 4,000 VAC (Line to ground capacitor code -000 to -471)
- · Quick and easy push-down terminal
 - Just connect the wires, push-down and tighten the screws with a screwdriver

Specifications

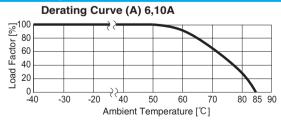
No.	Items	NBH-06-432	NBH-10-432	NBH-16-432	NBH-20-432	NBH-30-432			
1	Rated Voltage[V]	AC 1 φ 250 / DC250							
2	Rated Current[A]	6	10	16	20	30			
3	Test Voltage (Terminal-Mounting Plate) *1	2,500 VAC (Cutoff Current = 20mA), 1minute at room temperature and humidity							
4	Isolation Resistance (Terminal-Mounting Plate) 500 VDC 100MΩ min 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 A) -25 to +85°C (Refer to Derating Curve B)							
8	Operating temperature	-40 to +85°C (Refer to Derating Curve A) -40 to +85°C (Refer to Derating Curve B)							
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 EN60939 VDE0565 Teil3-1, ENEC (At only AC input)							
14	Case size (without projection) /Weight	53 × 43 × 104 mm [2.09 × 1.69 × 4.09 inches] (W × H × D) /320g max (Option : -D refer to external view)							

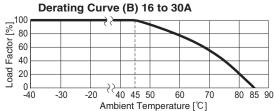
^{*1} When the line to ground capacitor code is different, the test voltage characteristic is different. (Refer to table 1.1)

Circuit Diagram



Derating Curve



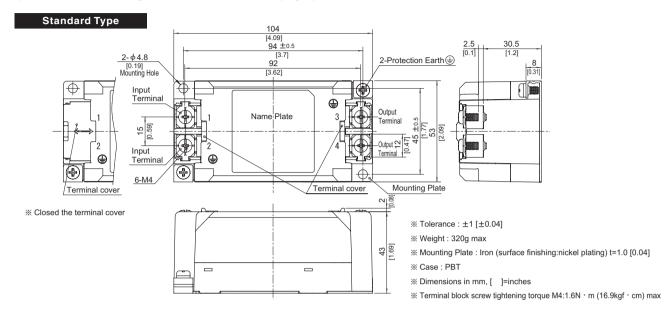




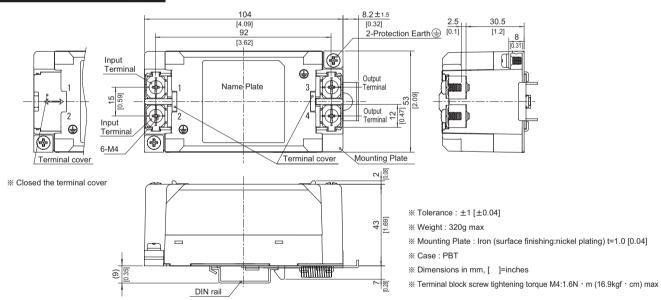
External view

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.

