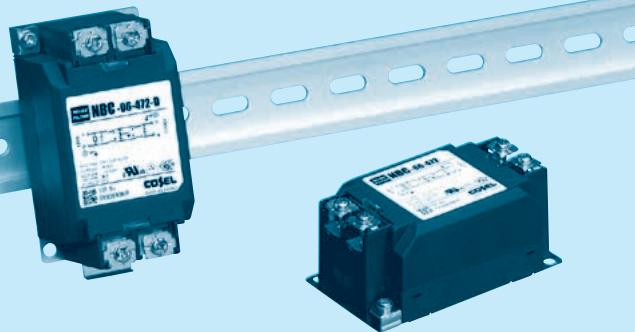


NBC/NBM series



RoHS



DIN rail installation type is option

The terminal cover is retracted inside the unit

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

table 1.1 Line to ground capacitor code

Code	N B C	N B M	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 / 50μA max	220pF
331	●	37.5	μA / 75μA max	330pF
471	●	50	μA / 100μA max	470pF
681	●	75.5	μA / 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

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

Features of NBC/NBM series

- Single Phase 250VAC (2-Stage filter)
- Quick and easy push-down terminal

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

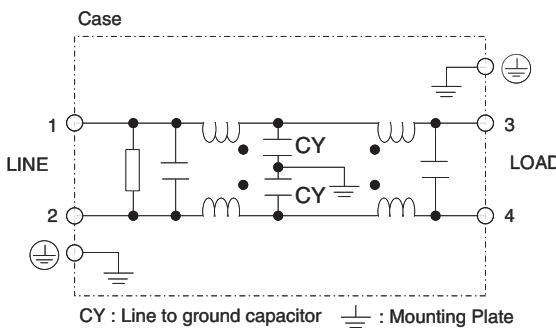
NBC : High-attenuation type from 150kHz to 1MHz

NBM : Low leakage current, Withstand voltage 4,000 VAC

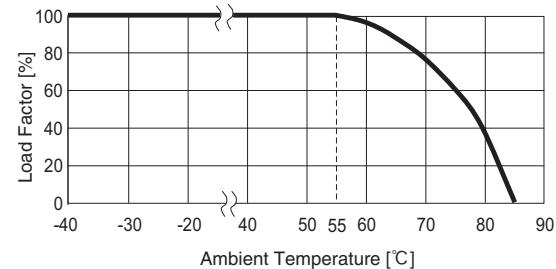
Specifications

No.	Items	NBC-06-472	NBC-10-472	NBC-16-472	NBC-20-472	NBC-30-472
		NBM-06-471	NBM-10-471	NBM-16-471	NBM-20-471	NBM-30-471
1	Rated Voltage[V]	AC 1φ 250 / DC250				
2	Rated Current[A]	6	10	16	20	30
3	Test Voltage (Terminal-Mounting Plate)	NBC : 2,500 VAC (Cutoff Current = 20mA), 1minute at room temperature and humidity NBM : 4,000 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	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°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 ² (2G), 3min. Period, 1hour each X, Y and Z axis				
12	Impact	196.1m/s ² (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	53×41×92 mm [2.09×1.61×3.62 inches] (W×H×D) /270g max (Option : -D refer to external view)				

Circuit Diagram



Derating Curve



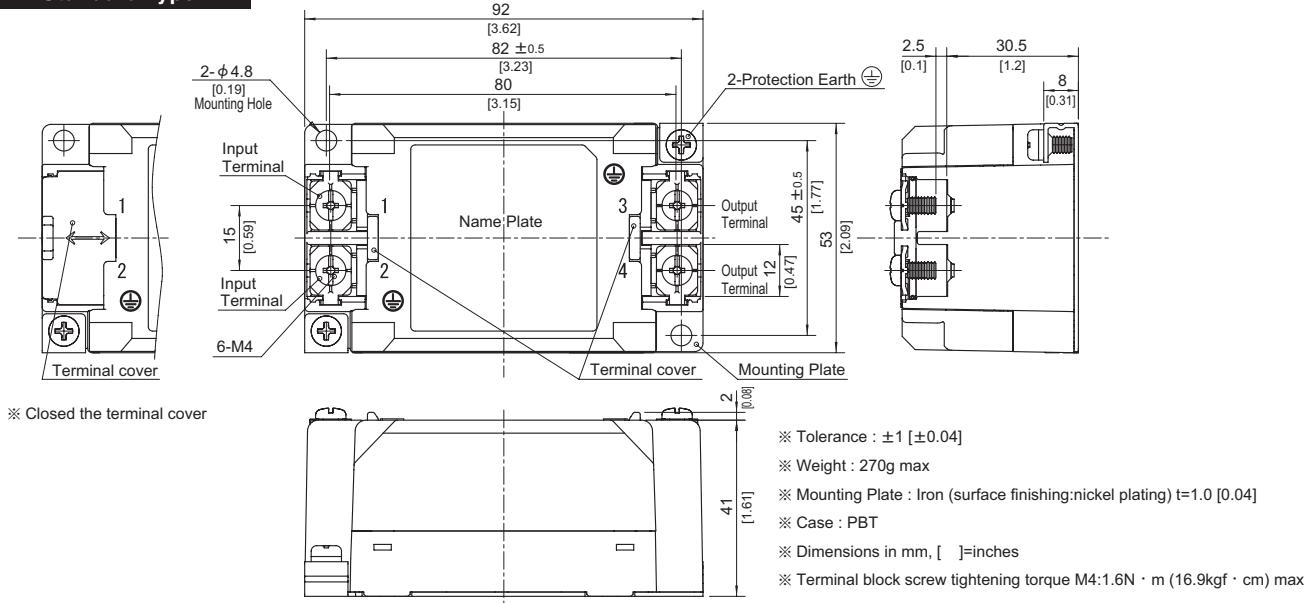
External view

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

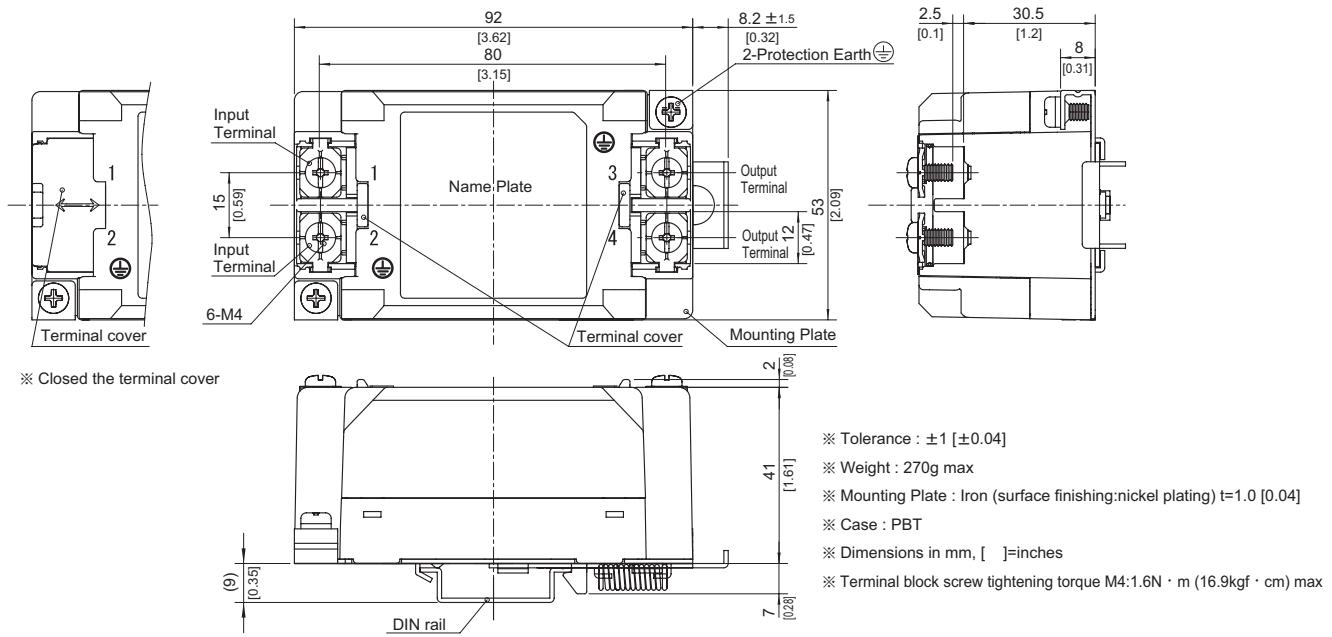
①The terminal cover is retracted inside the unit.

②The screws for connecting the terminals are held in the up right position.

Standard Type



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.

