COSEL Low leakage current type, Withstand voltage 4,000VAC (2-stage filter)

Ordering information

NBM series



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 μ A/ 10 μ A max	Not Provided					
101	12.5 μ A/ 25 μ A max	100pF					
221	25 μ A/ 50 μ A max	220pF					
331	37.5 μ A/ 75 μ A max	330pF					
471	50 μ A/100 μ A max	470pF					

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

④Options

D:DIN rail installation type

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

Features of NBM series

Low leakage current type, Withstand voltage 4,000VAC (2-stage filter)

- · Single Phase 250 VAC
- · Push down type terminal block

Specifications

No.	Items	NBM-06-471	NBM-10-471	NBM-16-471	NBM-20-471	NBM-30-471		
1	Rated Voltage[V]	AC 1 φ 250 / DC250						
2	Rated Current[A]	6	10	16	20	30		
3	Test Voltage (Terminal-Mounting Plate)	4,000 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 125/250V 60Hz	50µA/100µA 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 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



COŞEL | NBC,NBM series

External view

As this product is adopted push-down type terminal block, this appearance is as follows.

 $\underbrace{ }_{\underline{O}} The terminal cover is retracted inside the unit.$

 $\tilde{(\!\!\!\)}$ The screws for connecting the terminals are held in the up right position.

