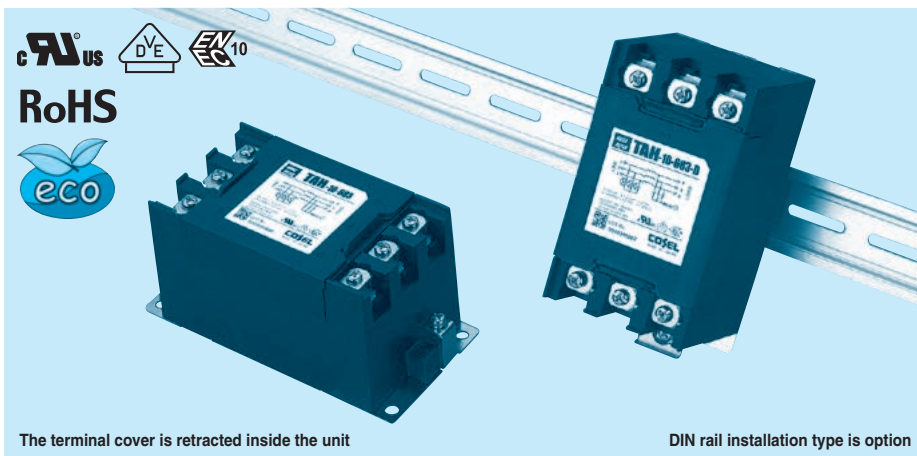


## TAH series(4-30A)

TAH -10 -683 -□

① ② ③ ④



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

table 1.1 Line to ground capacitor code

Code	Leakage Current (Input 250/500V 60Hz)	Line to ground capacitor (nominal value)
103	0.5mA/1.0mA max	10000pF
223	1.0mA/2.0mA max	22000pF
683	2.5mA/5.0mA max	68000pF

- ④ Options  
 D: DIN rail installation type

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

## Features of TAH series

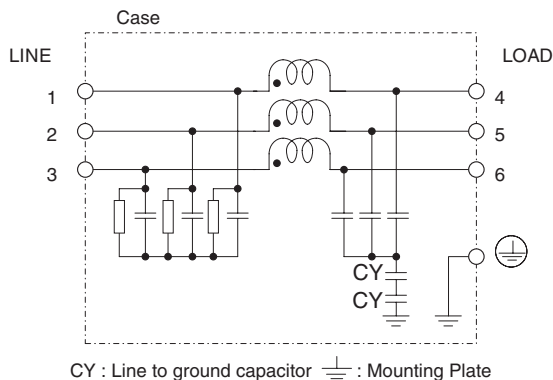
## Ultra high-attenuation type of common mode noise from 10kHz to 1MHz (1-stage filter)

- Three phase rated voltage 500 VAC (voltage range: 528V max)
- Selectable leakage current value
- Push down type terminal block

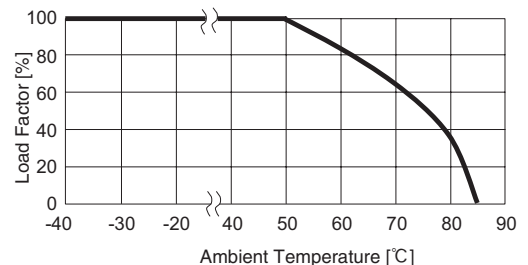
## Specifications

No.	Items	TAH-04-683	TAH-06-683	TAH-10-683	TAH-20-683	TAH-30-683
1	Rated Voltage[V]	AC Three Phase 500 (voltage range:528 max) 50/60Hz				
2	Rated Current[A]	4	6	10	20	30
3	Test Voltage (Terminal-Mounting Plate)	2,000 VAC (Cutoff Current = 100mA), 1minute at room temperature and humidity				
4	Isolation Resistance (Terminal-Mounting Plate)	500 VDC 100MΩ min at room temperature and humidity				
5	Leakage current 250/500V 60Hz	2.5mA/5.0mA max				
6	Voltage drop	1.5V max			1.0V max	
7	Safety agency approval temperatures	-25 to +85℃ (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				
14	Case size (without projection) /Weight	63×64×128 mm [2.48×2.52×5.04 inches] (W×H×D) /620g max (Option : -D refer to external view)				

## Circuit Diagram



## Derating Curve

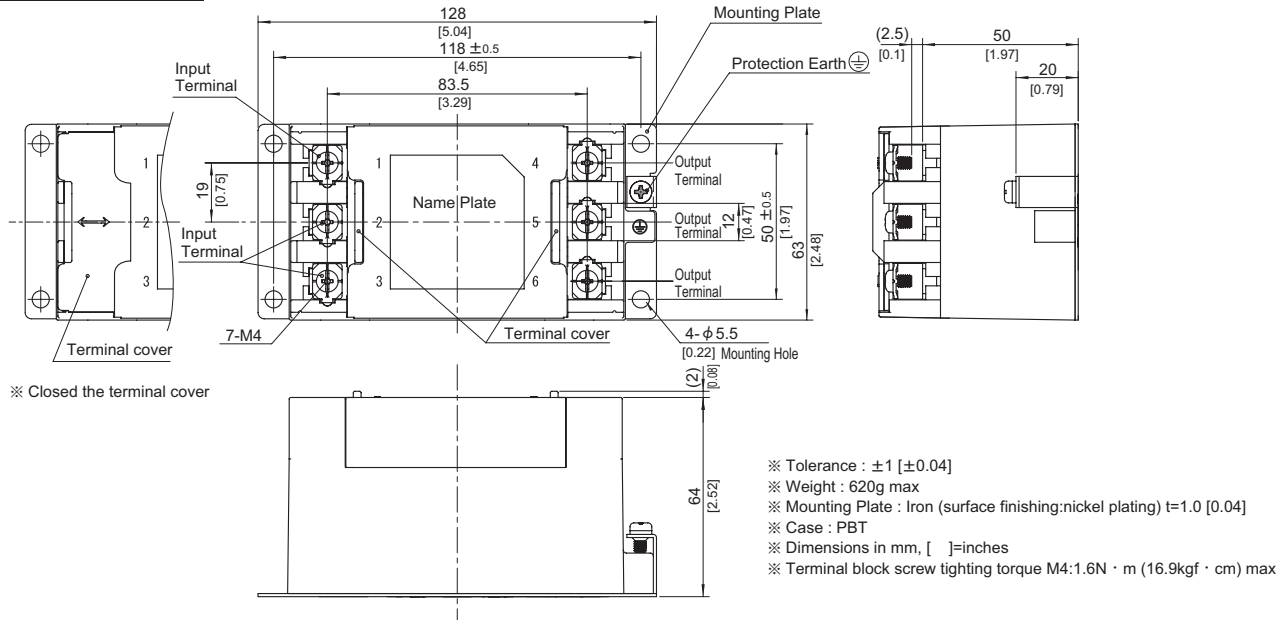


## External view

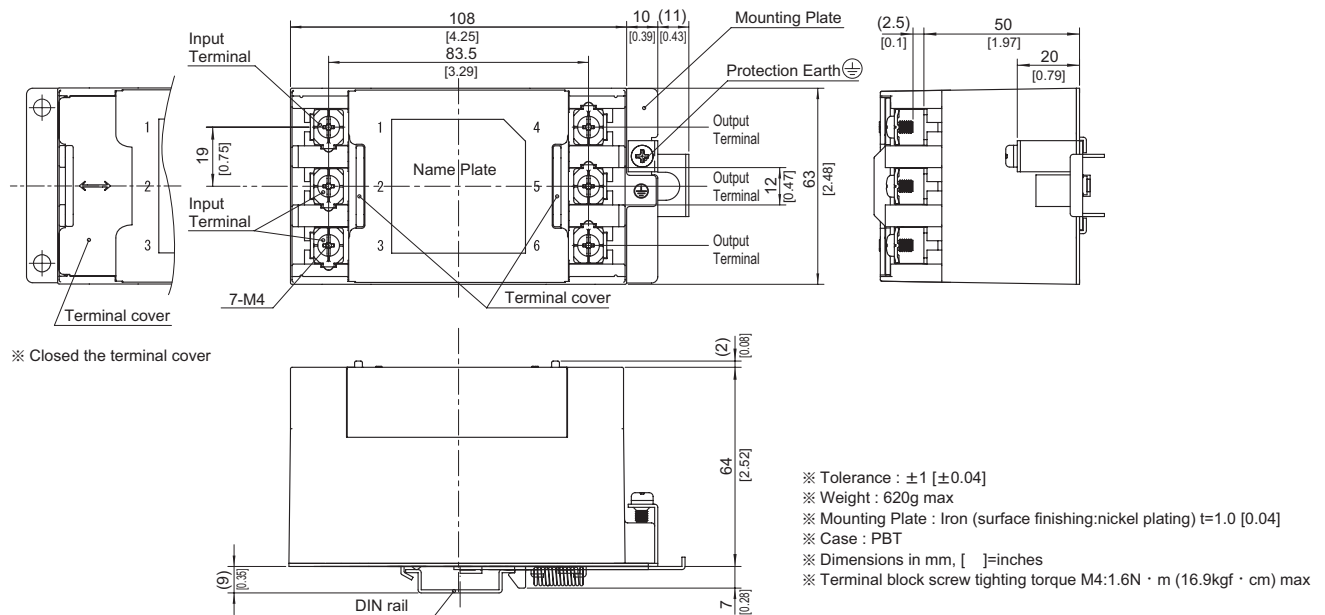
As this product is adopted push-down type terminal block, this appearance is as follows.

- 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.

