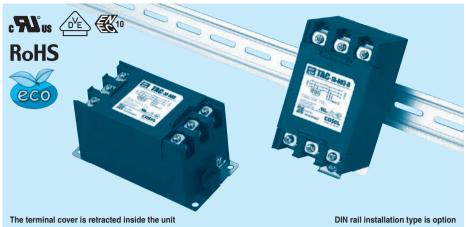
#### Ordering information

# TAC series(4-30

-10 -683



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

table1.1 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 TAC series**

#### High-attenuation type of common mode noise from 150kHz 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**

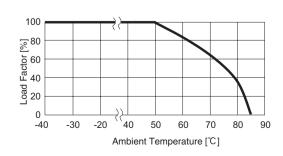
		<b>T100100</b>	<b>710 00 000</b>	<b>710</b> 10 000	<b>7.0.00</b>	<b>T10</b> 00 000	
No.	Items	TAC-04-683	TAC-06-683	TAC-10-683	TAC-20-683	TAC-30-683	
1	Rated Voltage[V]	AC Three Phase 500 (voltage range:528 max) 50/60Hz					
2	Rated Current[A]	4	6	10	20	30	
3	Test Voltage (Terminal-Mounting Plate)	2,000 VAC (Cutoff Current = 100mA), 1minute at room temperature and humidity					
4	Isolation Resistance (Terminal-Mounting Plate)	500 VDC 100M $\Omega$ 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°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					
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**

### Case LINE LOAD 2 .00 3

CY: Line to ground capacitor \( \precedit{\precedit} \): Mounting Plate

#### **Derating Curve**



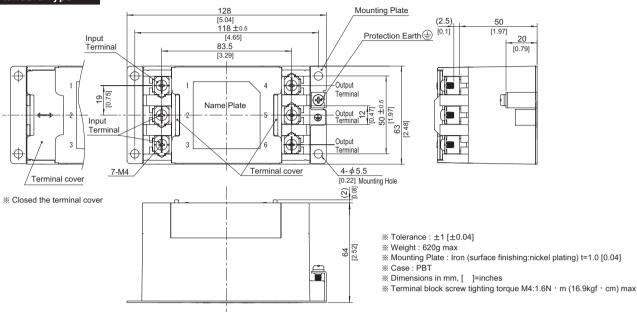
## TAH,TAC series(4-30A)

#### **External view**

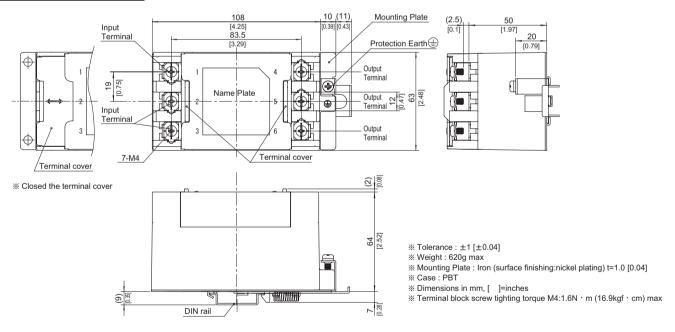
As this product is adopted push-down type terminal block, this appearance is as follows.

- 1)The terminal cover is retracted inside the unit.
- 2)The 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.

