

-10 -683 TAC



①Series Name ②Rated Current ③Line to ground capacitor code: Refer to 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	10,000pF
223	1.0mA/2.0mA max	22,000pF
683	2.5mA/5.0mA max	68,000pF

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

④Option D:DIN rail installation type

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

- **Features of TAC/TAH series**
- Three phase rated voltage 500VAC (voltage range:528V max) (1-Stage filter)
- · Selectable leakage current value
- · Quick and easy push-down terminal

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

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

TAH: Ultra high-attenuation type from 9kHz to 1MHz

Specifications

No.	lteme	TAC-04-683	TAC-06-683	TAC-10-683	TAC-20-683	TAC-30-683		
	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 100M Ω min at room temperature and humidity						
5	Leakage current	Refer to table 1.1						
6	Voltage drop	1.5V max		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/s²(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						
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



CY : Line to ground capacitor $\stackrel{-}{=}$: Mounting Plate

Derating Curve



COŞEL | TAC/TAH series(4-30A)

External view

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

(1)The terminal cover is closed.

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



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.

