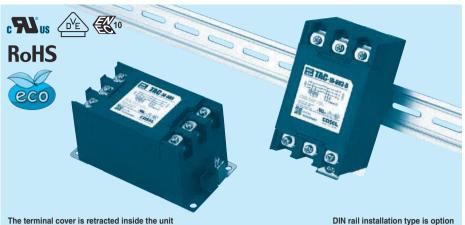
Ordering information

-10



- ① Series Name ② Rated Current ③ Line 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
- 4 Option
- 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

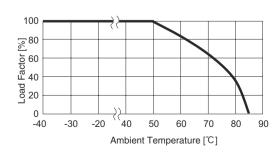
No.	Items	TAC-04-683	TAC-06-683	TAC-10-683	TAC-20-683	TAC-30-683			
NO.	items	TAH-04-683	TAH-06-683	TAH-10-683	TAH-20-683	TAH-30-683			
1	Rated Voltage[V]	AC Three Phase 500 (voltage range:528 max) 50/60Hz							
2	Rated Current[A]	4	6	10	20	30			
3	Test Voltage (Terminal-Mounting Plate)	2,000 VAC (Cutoff Current = 100mA), 1minute at room temperature and humidity							
4	Isolation Resistance (Terminal-Mounting Plate)	500 VDC 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℃ (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/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 X 64 X 128 mm [2.48 X 2.52 X 5.04 inches] (W X H X D) / 620g max (Option : -D refer to external view)							

Circuit Diagram

Case LINE LOAD **.**00 2 **.**00 3

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

Derating Curve





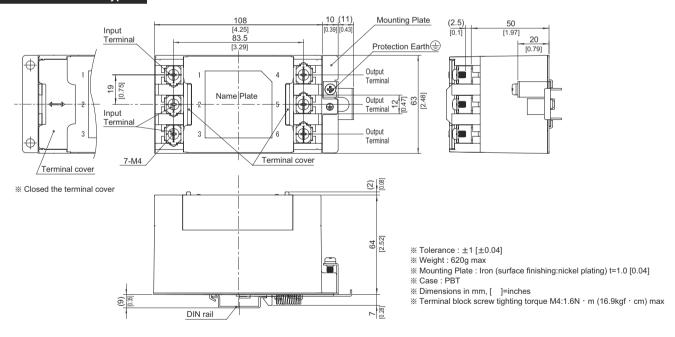
External view

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

- 1)The terminal cover is retracted inside the unit.
- ②The screws for connecting the terminals are held in the up right position.

Standard Type 128 [5.04] 118 ±0.5 Mounting Plate Protection Earth [4.65] 83.5 Input 20 Terminal Output Name Plate Input Termina Output Terminal Terminal cover ϕ 5.5 [0.22] Mounting Hole 20.08 Closed the terminal cover % Tolerance : ±1 [±0.04] * Weight : 620g max 64 [2.52] Mounting Plate: Iron (surface finishing:nickel plating) t=1.0 [0.04] * Case : PBT ※ Dimensions in mm, []=inches ※ Terminal block screw tighting torque M4:1.6N ⋅ m (16.9kgf ⋅ cm) max

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.

