

· Three phase rated voltage 500VAC (voltage range:528V max) (1-Stage filter)

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· Selectable leakage current value

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

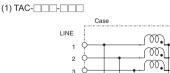
TAH: Ultra high-attenuation type from 9kHz to 1MHz

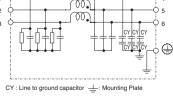
Specifications

No.	Items	TAC-50-223	TAC-60-223	TAC-80-223	TAC-100-223	TAC-150-223
		TAH-50-223	TAH-60-223	TAH-80-223	TAH-100-223	TAH-150-223
1	Rated Voltage[V]	AC Three Phase 500 (voltage range:528 max) 50/60Hz *1				
2	Rated Current[A]	50	60	80	100	150
3	Test Voltage (Terminal-Mounting Plate)	2,500 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	DC resistance	$7m\Omega$ max	$5m\Omega$ max	$5m\Omega$ max	$4m\Omega$ max	$3m\Omega$ 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/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				
14	Case size (without projection)				170 × 92 × 285 mm (W × H × D)	
		[3.54×2.13×7.05	5 inches]	[5.51×3.35×10.	[6.69 X 3.62 X 11.22 inches]	
15	Weight	1.4kg max		3.8kg max		4.8kg max

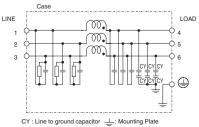
*1 Only "TAC/TAH-___-U", Three Phase 250 (275 max)

Circuit Diagram

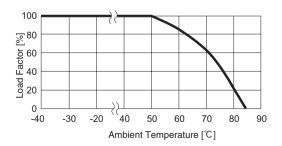




(2) TAC-___-U (Option : U)



Derating Curve

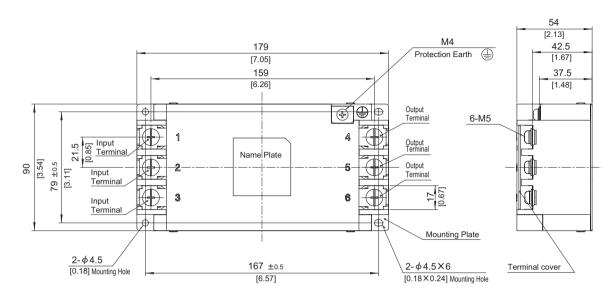


*Keep free ventilation holes for cooling.

COŞEL | TAC/TAH series (50,60,80,100,150A)

External view

TAC-50-TAH-50-

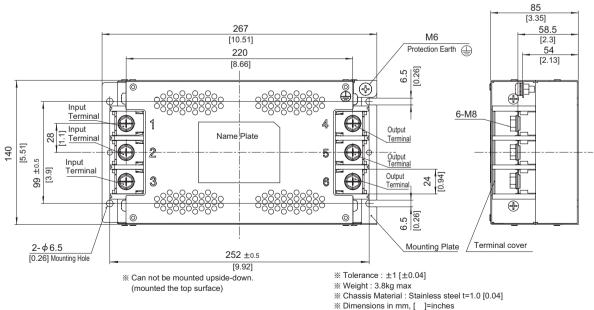


[%] Can not be mounted upside-down. (mounted the top surface)

% Tolerance : ±1 [±0.04]

- % Weight : 1.4kg max % Mounting Plate : Iron (surface finishing:nickel plating) t=1.2 [0.05]
- ※ Case : PBT
- % Dimensions in mm, []=inches
- ※ Terminal block screw tightening torque M5:3.0N ⋅ m (30.7kgf ⋅ cm) max
- * Protection Earth screw tightening torque M4:1.6N · m (16.9kgf · cm) max

TAC-80-TAH-80-



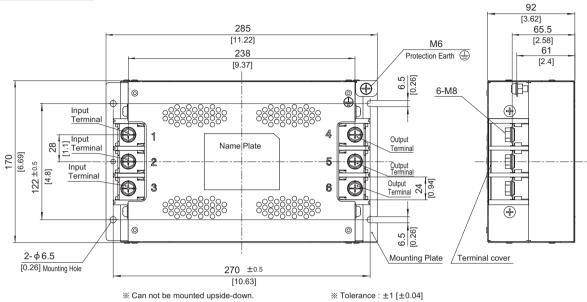
% Terminal block screw tightening torque M8:9.2N · m (93.9kgf · cm) max ※ Protection Earth screw tightening torque M6:5.8N ⋅ m (59.2kgf ⋅ cm) max

TAC/TAH series (50,60,80,100,150A)



External view

TAC-150-TAH-150-



(mounted the top surface)

% Weight : 4.8kg max

% Chassis Material : Stainless steel t=1.0 [0.04]

※ Dimensions in mm, []=inches

※ Terminal block screw tightening torque M8:9.2N ⋅ m (93.9kgf ⋅ cm) max % Protection Earth screw tightening torque M6:5.8N · m (59.2kgf · cm) max

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