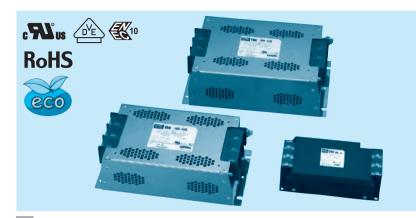
Ordering information

series (50,60,80,100,

-50



- ①Series Name ②Rated 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 | 1.0mA/2.0mA max | 10,000pF |
| 223 | 2.5mA/5.0mA max | 22,000pF |
| 333 | 3.5mA/7.0mA max | 33,000pF |

- *When the line to ground capacitor code is different, the attenuation characteristic is different.
- 4 Option U:Improve differential mode attenuation (Rated voltage 250V)

Features of TAC/TAH series

- · Three phase rated voltage 500VAC (voltage range:528V max) (1-Stage filter)
- · Selectable leakage current value
- TAC: High-attenuation type from 150kHz to 1MHz

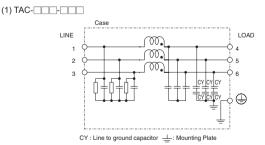
■ TAH: Ultra high-attenuation type from 9kHz to 1MHz

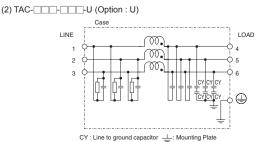
Specifications

| No. | Itama | TAC-50-223 | TAC-60-223 | TAC-80-223 | TAC-100-223 | TAC-150-223 | |
|-----|--|--|----------------|---------------------|-------------|-------------------------------|--|
| NO. | Items | 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 | 4mΩ max | 3mΩ 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) | 90×54×179 mm | (W×H×D) | 140 × 85 × 267 mm | n (WXHXD) | 170 X 92 X 285 mm (W X H X D) | |
| 14 | Case size (without projection) | [3.54×2.13×7.05 | inches] | [5.51 × 3.35 × 10.5 | 51 inches] | [6.69 X 3.62 X 11.22 inches] | |
| 15 | Weight | 1.4kg max | | 3.8kg max | | 4.8kg max | |

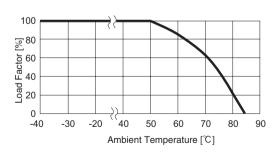
^{*1} Only "TAC/TAH-___-U", Three Phase 250 (275 max)

Circuit Diagram





Derating Curve

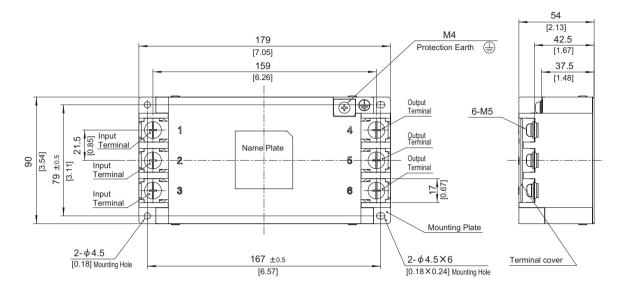


*Keep free ventilation holes for cooling.

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

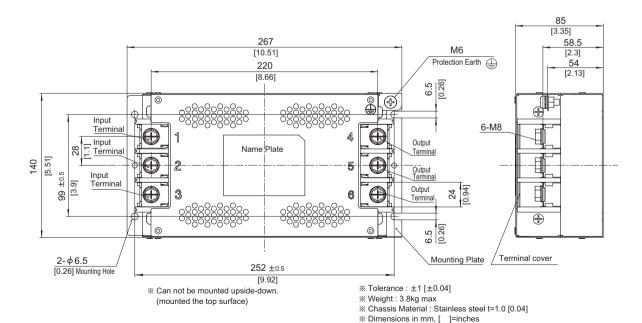
External view

TAC-50- / TAC-60-TAH-50- / TAH-60-



- % 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- / TAC-100-TAH-80- / TAH-100-



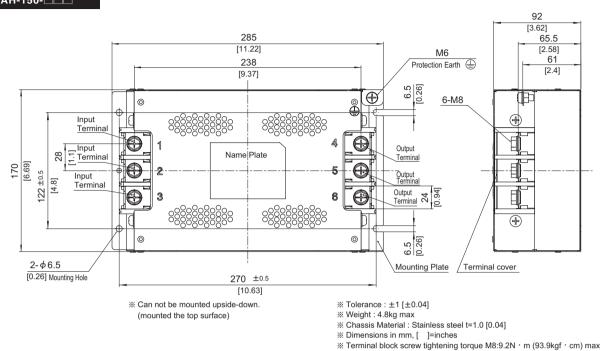
※ Terminal block screw tightening torque M8:9.2N ⋅ m (93.9kgf ⋅ cm) max ※ Protection Earth screw tightening torque M6:5.8N ⋅ m (59.2kgf ⋅ cm) max

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



External view

TAC-150-□□□ TAH-150-□□□



Protection Earth screw tightening torque M6:5.8N · m (59.2kgf · cm) max

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