

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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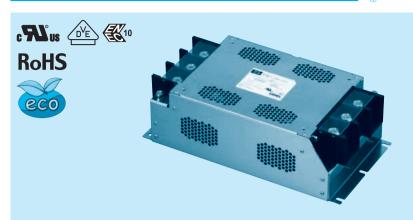
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







TAC -200 -223



- ①Model Name ②Rated Current
- ③Line 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 | 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
- 4 Option U:Improve differential mode attenuation (Rated voltage 250V)

Features of TAC series

High-attenuation type of common mode noise from 150kHz to 1MHz (1-stage filter)

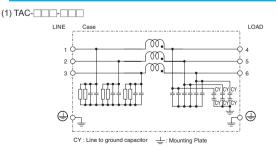
- · Three phase rated voltage 500 VAC (voltage range:528V max)
- · Selectable leakage current value

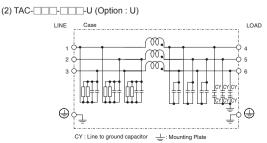
Specifications

| No. | Items | TAC-200-223 | TAC-250-223 | TAC-300-223 | |
|-----|--|---|-------------|-------------|--|
| 1 | Rated Voltage[V] | AC Three Phase 500 (voltage range:528 max) 50/60Hz *1 | | | |
| 2 | Rated Current[A] | 200 | 250 | 300 | |
| 3 | Test Voltage (Terminal-Mounting Plate) | 2,500 VAC (Cutoff Current = 100mA), 1 minute at room temperature and humidity | | | |
| 4 | Isolation Resistance (Terminal-Mounting Plate) | 500 VDC 100M Ω min at room temperature and humidity | | | |
| 5 | Leakage current 250/500V 60Hz 2.5mA/5.0mA max | | | | |
| 6 | DC resistance | 2mΩ max | 1.5mΩ max | 1mΩ max | |
| 7 | Safety agency approval temperatures | -25 to +85°C (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) | 190×110×360 mm [7.48×4.33×14.17 inches] (W×H×D) | | | |
| 15 | Weight 8.0kg max | | | | |

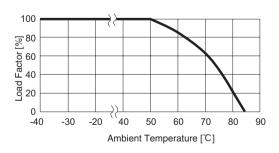
^{*1} Only "TAC-___-U", Three Phase 250 (275 max)

Circuit Diagram



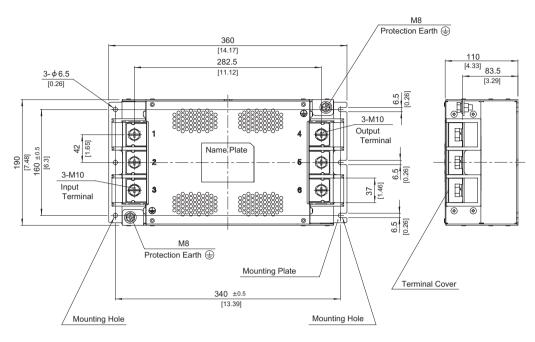


Derating Curve



*Keep free ventilation holes for cooling.

External view



* Can not be mounted upside-down. (mounted the top surface)

- % Tolerance : ±1 [±0.04]
- * Weight: 8.0kg max
- Mounting Plate: Stainless steel t=2.0 [0.08]
- ※ Dimensions in mm, []=inches
- ** Terminal block screw tightening torque M10 : 14.2N · m (144.9kgf · cm) max
- % Protection Earth screw tightening torque M8 : 9.2N \cdot m (93.9kgf \cdot cm) max