

Features

- High reliability
- For large current
- Low power consumption
- Extended measuring range
- Dual output (the sama circuit) built-in

Open Loop Type



Specifications

Ta=25°C

| Product name | Code:1993 | | CTH-06KV |
|------------------------|-----------|-------|---------------------------------|
| | Symbol | Unit | |
| Nominal input current | If(n) | AT | ±6000 |
| Saturation current | If(s) | AT | ±6600 |
| Nominal Output Voltage | Vh | V | ±10±0.100 [at If(n)] |
| Load resistance | RL | Ω | 10k |
| Offset Voltage | Vo | V | 0±0.030 [at 0A] |
| Supply Voltage | Vcc | V DC | ±15±5% |
| Consumption Current | Icc | mA | 35+35 Max(dual circuit) |
| Response Speed | Trr | μ sec | 7 Max. [at di/dt=100A/μ sec] |
| Thermal Drift of Vh | | %/°C | ±0.08 Max. [at If(n)] |
| Thermal Drift of Vo | | mV/°C | ±1 Max. [at 0A] |
| Dielectric Strength | | kV | AC 2.5 [with 50 or 60 Hz 1min.] |
| Insulation Resistance | | Ω | 500M Min. [at 500V DC] |
| Operating Temperature | Ta | °C | -20 to +80 |
| Storage Temperature | Ts | °C | -25 to +85 |
| Hysteresis Error | | mV | ±50 Max. [at If --> 0] |

