Model: UT-P402

AC Power lightning protector

Datasheet

1. Overview

AC power supply lightning protector is mainly used for C-level protection of power distribution system, used to protect electrical and electronic equipment from lightning electromagnetic pulse induced voltage, operating transients and resonance (<100μs) over-voltage, widely used in communication equipment, electrical appliances, power equipment, security monitoring, transportation, industrial control, aviation and other fields of power protection. The series of products have particularly fast response time, built-in thermal protection, low residual voltage, timely decoupling and other characteristics, and flame retardant level to V-0 level, to the max. extent to eliminate the occurrence of fire, to play a safety protection role.

2. Major Functions & Features

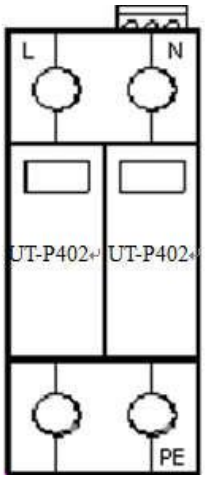
- Single-phase power supply lightning protector

3. Technical Parameters

- Continuous operating voltage: 220VAC
- Max. continuous operating voltage: 385VAC
- Through-current capacity (In): 20KA
- Max. through-current capacity (Imax): 40kA
- Protection level (Up at In): ≤1500V
- Access wire area: 6 mm2
- Telecommunication definition (optional): NC-COM is normally closed, COM is common point, NO-COM is normally open
- Failure indication: green: normal, red: failure
- Response time (tA): 25ns
- Dimension: 90*36*65mm
- Protection level: IP20
- Front fuse: 30AgL/gG
- Protection mode: L/PE, N/PE
  L/N, N/PE
- Flame retardant grade: V0/red
- Installation mode: 35 mm2 rail mounting
- Operating environment: temperature -40 ~ 85°C, relative humidity ≤ 95% (25 °C), height ≤ 3km

4. Interface Definition

- UT-P402 power supply lightning protector access wire schematic



5. Product View (Appearance)

6. Structure Dimension