

|   | Product Name  | Key Feature  |
|---|---|--|
|  | <p style="text-align: center;"><b>UT-B201</b><br/>10KA Control Signal<br/>Surge Protector BNC<br/>(K/J)</p> | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid gray; padding: 5px; background-color: #f0f0f0;">200M</div> <div style="border: 1px solid gray; padding: 5px; background-color: #f0f0f0;">  </div> </div> |

## INTRODUCED

### I. Summary

The UT-B201 has to be installed by authorized professional person, to avoid incorrect installation or application to influence the normal working and lightning protection of devices, used in over-voltage protection from lightning and EMP of network equipments, like SWITCH, HUB, ROUTER, etc

### II. Specification:

| Model  | UT-B101                    | UT-B201                    |
|--|----------------------------|----------------------------|
| Rated operating voltage (Un)                 | 5 V                        | 5 V                        |
| Max. DC operating voltage (Uc)               | 6 V                        | 6 V                        |
| Max. AC operating voltage (Uc)               | 4.2 V                      | 4.2 V                      |
| Nominal operating current (IL)               | 0.12 A                     | 0.12 A                     |
| Nominal discharge current (8/20 us) (In)     | 3 KA                       | 5 KA                       |
| Maximum discharge current (In)               | 5 KA                       | 10 KA                      |
| Limiting voltage (Upl)                       | ≤11 V                      | ≤13 V                      |
| Series impedance characteristic of wire (Ro) | 10 Ohm                     | 10 Ohm                     |
| Wire-to-earth capacitance (Cpe)              | ≤10 pF                     | ≤10 pF                     |
| Response time (ta)                           | < 1 ns                     | < 1 ns                     |
| Range of operating temperature               | -40°C ~ 85°C               | -40°C ~ 85°C               |
| Testing standard                             | IEC61000-4-5               | IEC61000-4-5               |
| Testing level                                | X                          | X                          |
| Insulation resistance                        | >1 MΩ                      | >1 MΩ                      |
| Insertion loss (dB)                          | ≤0.5 dB                    | ≤0.5dB                     |
| Enclosure protection class                   | IP30                       | IP30                       |
| Overall dimension                            | 25x25x88                   | 25x25x88                   |
| Enclosure material                           | Shielded metallic aluminum | Shielded metallic aluminum |
| Type of wiring                               | BNC(K/J)                   | BNC(K/J)                   |
| Anti-static level                            | Class 4                    | Class 4                    |
| Transmission rate (bps)                      | 200 M                      | 200 M                      |
| Model  | UT-B101                    | UT-B201                    |

### Operating Environment

Temperature: -40°C ~ 85°C;

Relative humidity: 5% ~ 95%;

Barometric pressure: 70 kPa ~ 106 kPa

## INFORMATION ORDER

**MODEL: UT-B201** 10KA Control Signal Surge Protector BNC (K/J)