

	Product Name	Key Feature
	<h2 style="margin: 0;">UT-S201</h2> <h3 style="margin: 0;">10KA Control Signal Surge Protector RS485</h3>	  

## INTRODUCED

### I. Summary

The UT-S201 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-S101	UT-S201
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	≤11 V
Series impedance characteristic of wire (Ro)	10 Ohm	10 Ohm
Wire-to-wire capacitance (Cll)	≤80 pF	≤80 pF
Wire-to-earth capacitance (Cpe)	≤140 pF	≤140 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	≤0.5 dB
Enclosure protection class	IP30	IP30
Overall dimension	25 x 25 x 82	25 x 25 x 82
Enclosure material	Shielded metallic aluminum	Shielded metallic aluminum
Type of wiring	Connection terminal (RS-485)	Connection terminal (RS-485)
Anti-static level	Class 4	Class 4
Transmission rate (bps)	10 M	10 M

### Operating Environment

Temperature: -40°C ~ 85°C;  
 Relative humidity: 5% ~ 95%;  
 Barometric pressure: 70 kPa ~ 106 kPa

## INFORMATION ORDER

**MODEL: UT-S201** 10KA Control Signal Surge Protector RS485