UT-8022 (2KA) / UT-8088 (8KA)

PoE Surge Protectors

UT-8022 2KA

UT-8088 8KA

Introduction

The PoE Surge Protectors are surge protection device to provide Signal/Power path and surge protection capability. It employed our patented surge blocker with shunt devices and parallel devices to guarantee the safety of your device, even there is no secondary protection on your board. Additionally, the operation indicator will turn on while protector being out of life.

Key Features

- Gigabit PoE (IEEE 802.3af / 802.3at)
- Protect all 8 lines (CAT5E or better)
- Failure Indicator(8kA only)
- IEC 61643-21
- IEC 61000-4-5
- ITU-T K-Series

Product Specifications

Specifications	UT-8022 (2KA)	UT-8088 (8KA)
Number of Ports	1	1
Pass Through Data Rates	10/100/1000 Mbps	10/100/1000 Mbps
Max Discharge Current (8/20us)	2KA	8KA,16KV
Maximum Operation DC Voltage	60VDC	60VDC
Common Mode Protection Level (10/700us)	10KV	20KV
Differential Mode Protection Level (10/700us)	1KV	4KV
Insertion Loss @ 10MHz/100MHz	1dB	1dB
Return Loss @ 10MHz/100MHz	-20dB	-20dB
Response Time	5ns	5ns
Mechanical Specifications		
Dimension (WxHxD)	83 x 25 x 25 mm	80 x 40 x 25 mm
Weight	77g	180g
Connectors	RJ45 x 1 input & 1 Output	RJ45 x 1 input & 1 Output
Environmental Specifications		
Operating Temperature	-40°C~ 85°C (-40°F~ 185°F)	-40°C~ 85°C (-40°F~ 185°F)
Storage Temperature	-40°C~ 85°C (-40°F~ 185°F)	-40°C~ 85°C (-40°F~ 185°F)
Operating Humidity	5% ~ 95% non-condensing	5% ~ 95% non-condensing
Certifications		
Surge	IEC-61643-21 IEC-61000-4-5	IEC-61643-21 IEC-61000-4-5 ITU-T-K-Series

*Specifications subject to change without notice.