



ETHERNET PARAFUDR

PRODUCT NAME:

Surge Protector

PRODUCT CODE:

WTH-SG/RJ45

CATEGORY:

Network



Ethernet Akım Koruyucusu, PoE cihazlarını Ethernet kablosundaki geçici-anlık voltaj yükselmelerine (Yıldırım etkisi ve güç dalgalanmaları) karşı koruyarak sistemin arıza süresini, servis ve bakım maliyetlerini azaltmanıza yardımcı olur .

Sistemlerinizde en iyi performansı almak için UL497B , IEC61643 sertifikalarına sahip ürünleri tercih ediniz.

Kullanım Alanları

- Kamera Sistemleri
- Wifi (Access Point)
- Ip Telefon
- DSL / PTT
- Yangın Panelleri
- PLC / Otomasyon
- Bilgisayarlar
- Datacenter

Description

WTH-SG/RJ45 Series surge protective devices are applied to surge protection for data communication systems. WTH-SG/RJ45 is connected in series in CAT6 network cables, compatible with 10/100/1000/10000 (10G) Base-T Ethernet systems, protecting the equipment which are connected to the network (e.g. computers, routers, PoE devices, etc.) against damages by over-voltage surge. (Standards compliance: IEC61643-11, UL497B, IEEE 802.3af PoE/802.3 at PoE Plus).

WTH-SG/RJ45(-K, -O) Series Technical Data

Information		
Nominal operating voltage	(Un)	2.8V(Ethernet)/48V(PoE)
Max. continuous operating voltage	(UC)	3V(Ethernet)/60V(PoE)
Nominal Discharge Current	(In @8/20ys)	3kA (line to line)
Max. Discharge Current	(Imax @8/20ps)	20kA (line to GND/PE)
Voltage protection level	(Up @line-GND/PE)	800V @ 3kV (1.2/50)
Max Watt		90W (Hi-PoE)
DataRate		1G/10G
Bandwidth (3db) per pair		>250M Hz
Insertion Loss		<0.5dB @100MHz
Protective Element		GDT
Voltage Breakdown Range, Vde @ 100 V/s		188 (L-L)/ 72-108(L-G)
Impulse Voltage Range, Vde @ 100 V/us		<1000
Response Time	(tA)	<100ns (line-GND/PE)
Connection mode		RJ45
Temperature Range		(-40° to 80°C)
Relative Humidity		0% to 95% noncondensing
Maximum Operating Altitude		3000 Meter
Cross-sectional area of earth lead		3mm ² * multistranded / flexible
Stripping Length Contacts		>6-7mm
Terminal Screw Torque		Max. 0.25Nm
Protection Rating	(IP Code)	1P 20
Surge Life at 0.5kA (8/20ps)		>2000 events
DIN Rail	EN60715	35mm top-hat rail
Housing Material		Thermoplastic, UL94 V-0
Net Weight Per Unit		(71g)
Product Dimension	(WxDxH)	0.9"x2.0"x3.1" (24mm*51mmx78mm)