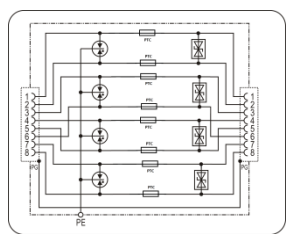
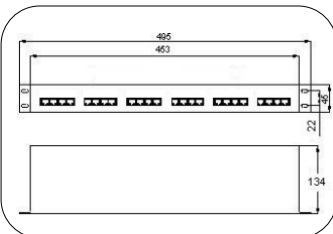


APS- SPD Network Protector 19"

DSB48/RJ45-1000-24P (Cat5- 24 Port)



Basic circuit diagram



Dimension drawing

MAIN FEATURES

APS DSB48/RJ45-1000-24P multiport Ethernet-PoE Protector is designed for protecting Gigabit Ethernet terminals such as Internet camera, IP Telephone sets, and wireless access point, suitable for use in category location B, C (ANSI/IEEE C62.41) or directly at the upstream near the protected devices.

- Data network protector in accordance with standard IEEE802.3at/af,UL497b,IEC61643-21
- PoE compatible, Ethernet system protection
- High discharge capability, total nominal discharge current 10kA 8/20 and Lightning current up to 1.0kA
- EMI Shielded Enclosure, 19" bay design, can be installed conveniently on the 19 inch's standard machine-cabinet.
- A two-stage protection circuit limits transients with GDT and TVS technology.
- Comprising a PTC for over-current fault and short-circuit fault protection.
- RJ45 connector for 100/1000 BaseT/BaseTX, ATM, Token Ring network technology, 8 wires protection

TECHNICAL SPECIFICATIONS

Part. No		DSB48/RJ45-1000-24P
In accordance with		IEEE 802.3at/af,UL497b,IEC 61643-21
Nominal Voltage (Vdc)	Un	48
Max. Continuous Operating Voltage (Vdc)	Uc	60
C2 Nominal Discharge Current (8/20us)	In	2.5kA
C2 Max. Discharge Current (8/20us)		10kA
Lightning Impulse Current	Iimp	1kA
Nominal Current	IL	150mA
Voltage Protection Rating (V)	@C2 (8/20μs)Up	<190(L-L); <500(L-G)
	@C3 (1KV/μs)Up	<145(L-L); <600(L-G)
Insertion Loss dB		≤0.1
Transmission Speed		1000 Mbps
Continuous Power P (w)		0.49 Watts
Series impedance per line R (Ohm)		1.6 Ohm (PTC)
Technology		Two-stage protection circuit, GDT/SAD & PTC tech
Transmission Standards		10BaseT / 100BaseT / 1000BaseT / 1000BaseTX/PoE
Pinning		1/2, 3/6, 4/5, 7/8 for data; and 1&2 / 3&6 / 4&5 / 7&8 for PoE
Mounting		Rack Mounting
Material		EMI Shielded Enclosure
Type of Connection IN/OUT		RJ45 (shielded) Female / Female
Dimensions (mm)		495*134*45
Operating Temperature Range		-40°C ~ +85°C (operating current adjusted to 40% @ +85°C)



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APS- Network Protector 19"

DSB48/RJ45-1000-24P



INSTALLATION INSTRUCTIONS

1. This product is connected in series to the protected devices.
2. The out terminal should be connected to the protected devices.
3. SPD's earthing terminal must be connected to nearby earthing busbar or the metal earthing enclosure of the protected devices.
4. After above, you should ensure the circuit is functioning.
5. Can be mounted in the 19" distribution cabinet.

Regularly inspect the operating status, especially after lightning
Once the communication is off, electrician should check/replace the SPD

Installation Diagram

