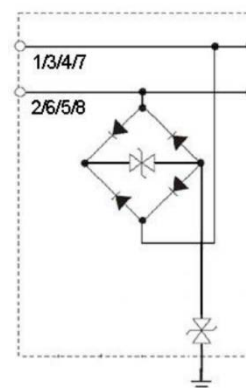


RJ45 Data Surge Arrester for CAT6 (POE)



Basic circuit diagram

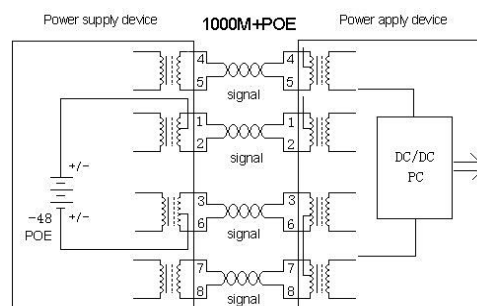
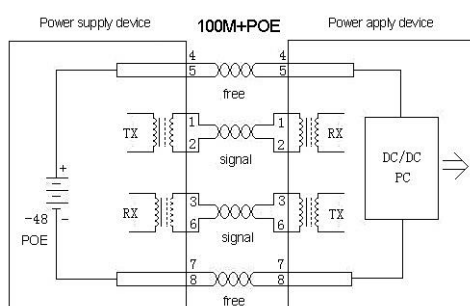
Features

Surge arrester for CAT 6 & Power-over Ethernet (POE) network systems against surges at the boundaries from lightning protection zone 0B-2 and higher.

- Data network protector In according with IEC61643-21;
- POE compatible, Ethernet CAT6 system protection;
- In aluminum housing;
- RJ45 connector for cat6 network technology, 10BaseT, 100BaseT, 8 wires protection.
- Simple installation;
- Din Rail Type is available;

Technical Data

Model No		S-D-05/RJ45-CAT6(POE)	
		In accordance with IEC 61643-21:2005 ; EN50173 Category 6	
Pinning		1/2, 3/6, 4/5, 7/8 for data	1&2/ 3&6 or 4&5/ 7&8 for POE
Nominal voltage (Vdc) Un		5	48
Max. continuous operating voltage (Vdc/ac) Uc		6/5	60/48
C2 Nominal discharge current(8/20us) In		100 A	
C2 Total nominal Discharge Current (8/20us)		400 A	
Voltage protection level (V)	L-L@C2 (8/20us)Up	<30	<250
	L-G@C3 (1KV/us)Up	<24	<190
Nominal Current (A)	IL	--	0.5
Transmission Speed (bps)		1000Mbps	--
Insertion loss at 250MHz (dB)		≤ 3.0	--
Transmission standards		10BaseT / 100BaseT/1000BaseT /1000BaseTX(CAT6)	
Mounting		35mm DIN-rail in accordance with EN 50022/DIN46277-3 (Optional)	
Type of Connection IN/OUT		RJ45 Female/ Female	
Dimensions (mm)		70 X 25 X 25	
Operating temperature range		-40°C ~ + 80°C	
Weight (kg)		0.2 kg	



POE Typical circuit

Ordering information	
Model No.	S-D-05/RJ45-CAT6(POE)
Part No.	201400
Warranty	1 year from Delivery date
Packing unit	1 pc(s).

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