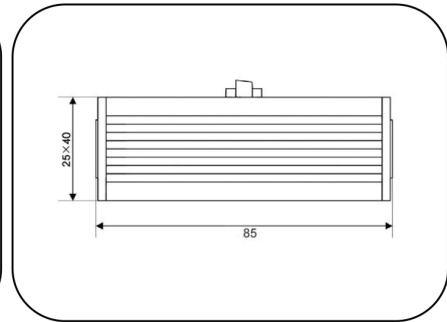


Basic circuit diagram



Dimension drawing

Surge arrester for Ethernet, Twisted Pair, Cat5, CAT5e network systems against surges at the boundaries from lightning protection zone 0_B-2 and higher.

- Data network protector in according with IEC61643-:21
- Limit the transients with gas discharge tubes and transzorb diodes
- Aluminium housing
- For Cat5, Cat5e network system, comply with 10BaseT, 100BaseTX, 1000BaseT, 8 wires protection
- Also Application for analogue, ISDN, DSL system, Ethernet Twisted Pair
- Simple installation
- DIN rail type is available
- Two-stage protection circuit

Part No.		D-12/RJ45H-8	D-24/RJ45H-8	D-48/RJ45H-8
In accordance with		IEC 61643-21:2005		
Nominal voltage (Vdc)	Un	12	24	48
Max. continuous operating voltage (Vdc/ac)	Uc	15/12	28/24	60/48
C2 Nominal discharge current(8/20)	In	100A (L-L) /2.5kA(L-G)		
C2 Total nominal Discharge Current (8/20us)		400A (L-L) /20kA(L-G)		
Voltage protection level (V)	L-L@C2 (8/20μs)Up	<45	<55	<190
	L-G@C2 (8/20μs)Up	<600	<600	<600
	L-L@C3 (1KV/μs)Up	<38	<48	<145
	L-G@C3 (1KV/μs)Up	<800	<800	<800
Nominal Current (A)	IL	1A		
Transmission Speed (bps)		1000Mbps		
Insertion loss at 80MHz (dB)		≤3.0		
Transmission standards		10BaseT/ 100BaseTX/1000BaseT		
Pinning		1/2, 3/6, 4/5, 7/8		
Mounting		35mm DIN-rail in accordance with EN 50022/DIN46277-3 (Optional)		
Type of Connection IN/OUT		RJ45 Female/ Female		
Dimensions (mm)		85 X 25 X 40		
Operating temperature range		- 25°C ~ + 70°C		