

Power Over Ethernet (POE)

Model: ST-RJ45Cat5POE

Type: D-05/RJ45H-8 (POE) 8 wires

Surge arrester for Power Over Ethernet(POE) against surges at The boundaries from lightning protection zone 0_B-2 and higher.

Technical Data

Model No.		D-05/RJ45H-8(POE)	
Pinning		1/2,3/6 for data	4&5/ 7&8 for Power
Nominal Voltage (V) Un		5(DC)	48 (DC)
Nominal Discharge Current (8/20us, KA) In		0.1 (L-L) /1.0(L-G)	
Max. Discharge current (8/20us, KA) Imax		0.3(L-L) /2.0(L-G)	
Nominal Current (A) I _L		----	0.65A
Voltage protection level (8/20μs,V) Up	Line-Line	≤30	≤190
	Line-Ground	≤600	
Voltage protection level (1KV/μs,V) Up	Line-Line	≤24	≤145
	Line-Ground	≤800	
Transmission Speed Vs (bps)		100M bps	----
Insertion loss at 80MHz (dB)		≤3.0	----
Type of Connection IN/OUT		RJ45 Female/ Female	
Dimensions (mm)		85 X 25 X 40	
Environment Temperature (°C)		-25~+70	

- POE protector in according with IEC61643:1/21.
- RJ45 connector for Cat 5 network technology.
- Powers clients which accept power on unused Ethernet pins 4,5,7,8.
- Data communication up to 100Base-T transmission speeds.
- Limit the transients with gas discharge tubes and transorb diodes.
- Two-stage protection circuit.
- Aluminum housing.
- Simple installation.
- Also Application for analogue, ISDN, DSL system, Ethernet Twisted Pair.
- DIN-rails type is available.

Typical circuit

