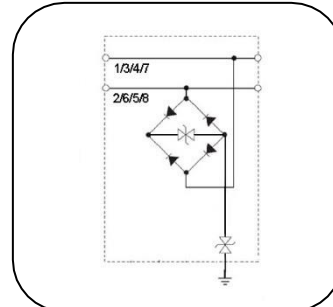


INFORMATION TECHNOLOGY SYSTEMS – CODE: IN-1010368

RJ45 CAT6 Connection (POE)



ST-RJ45Cat6POE 8 wires



Basic circuit diagram

Surge suppression for CAT6 & Power-Over-Ethernet (POE) network systems. To protect against surges at the boundaries from lightning protection zone 0_B-2 and higher.

Type	ST-RJ45Cat6POE		
	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(8/20)	In		100A
C2 Total nominal Discharge Current (8/20us)			400A
Voltage protection level (V)	@C2 (8/20μs)Up	<30	<250
	@C3 (1KV/μs)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		0°C ~ + 40°C	
Response Time		5 Nanoseconds	

Warranty 5 Years

POE Typical circuit

