



Basic Circuit Diagram

Surge arrester for CAT6 network systems against surges at the boundaries from lightning protection zone 0<sub>B</sub>-2 and higher.

- Data network protector in according with IEC61643-21
- Ethernet CAT6 system protection
- High discharge capability total nominal discharge current 10kA 8/20 and lighting current up to 1.0kA 10/350
- Aluminium housing
- RJ45 connector for CAT6 network technology, 10BaseT, 100BaseT, 1000BaseT, 1000BaseTX(CAT6)  
8 wires protection
- DIN rail type is available

Part No.	ASID-48-RJ45-CAT6-H	
In accordance with	IEC 61643-21:2005 EN50173 Category 6 IEEE 802.3af	
Nominal voltage (Vdc) Un	48	
Max. continuous operating voltage (Vdc) Uc	57	
C2 Nominal discharge current(8/20) In	2.5kA	
C2 Total nominal Discharge Current (8/20us)	10kA	
Lightning impulse current (10/350)	limp	1kA
SPD + 100 m CAT6 Ethernet cable	Transmission performance	CAT6 channel test pass
Voltage protection level (V)	@C2 (8/20μs)Up	<190
	@C3 (1KV/μs)Up	<145
Nominal Current (A)	IL	200mA
Transmission Speed ( bps )	1000Mbps	
Insertion loss at 250MHz (dB)	≤3.0	
Ttransmission standards	10BaseT/ 100BaseT/1000BaseT /1000BaseTX(CAT6)	
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)	67.4 x 38 x 29	
Operating temperature range	0°C ~ + 40°C	

Dimension Drawing

