

MJ8-CAT5E



- CAT5 networks surge protector
- 10/100/1000BaseT compatible
- RJ45 connector
- Shielded enclosure
- Bi-directional
- UL497B certified



Electrical Characteristics

Network		Gigabit Ethernet (Cat.5E)
Nominal line voltage	Un	5 Vdc
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	> 100 MHz
Max. data rate		1000 Mbps
Insertion loss		< 1 dB
Max. load current	IL	1000 mA
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	20 V
Max. capacitance	C	< 25 pF
Impulse current(2 x 10/350µs Test - D1 Category)	Iimp	500 A
Line/Line Nominal discharge current (8 /20µs Test x 10 - C2 Category)	In L/L	500 A
Line/Ground Nominal discharge current (8 /20µs Test x 10 - C2 Category)	In L/PE	2000 A

Mechanical Characteristics

Technology		GDT+Clamping diode
SPD configuration		4 pairs+shielded+Ground
Connection to Network		RJ45 shielded connectors Female input/output
Format		Connector RJ45
Mounting		Mounting flange,Screw lug, DIN Rail
Accessory(s) provided		DIN rail adapter, screw, screw nut, earthing plate, countersunk screw, cable shoe
Housing material		Aluminium
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt
Pinout		(1-2)(3-6)(4-5)(7-8)
Dimensions		See diagram
Weight		0.114 kg

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497 B / IEEE 802-3ab
Certification		UL listed

Part number

560201