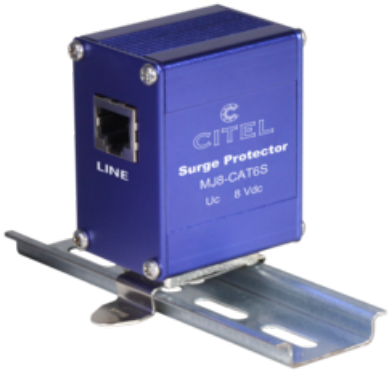


MJ8-CAT6S

- CAT6 networks surge protector
- 10/100/1000BaseT compatible
- RJ45 connector
- Shielded enclosure
- Bi-directional

Electrical Characteristics		
Network		10Gigabit Ethernet, Cat.6 cabling
Nominal line voltage	*Un*	5 Vdc
Max. DC operating voltage	*Uc*	8 Vdc
Max. load current	*IL*	1000 mA
Max. data rate		10 Gbps
Max. frequency	*f*	> 250 MHz
Insertion loss		< 1 dB
Protection level *Following the test category C3 (IEC61643-21) - Line/Line*	*Up*	20 V
Max. shunt 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
Connection to Network		RJ45 shielded connectors female input/output
Format		Connector RJ45
Mounting		Mounting flange,Screw lug, DIN Rail
Housing material		Aluminium
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		Short-circuit
Disconnection indicator		Transmission interrupt
Pin outs		(1-2)(3-6)(4-5)(7-8)
Dimensions		See diagram

Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497 B / IEEE 802-3an

Part Number	
560303	

