

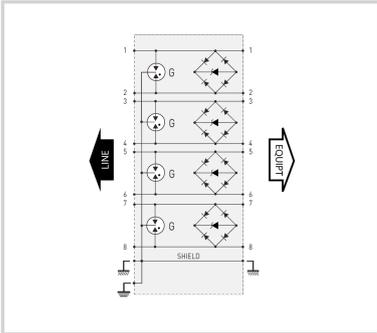


CITEL



MJ8-CAT6S

- Cat.5,5E and Cat.6 Surge Protector
- Hybrid GDT and Diode Technology
- 10/100/1000Mbps Compatible
- Bi-Directional Protection
- Shielded Connector Configurations
- DIN Rail, Screw Lug, and Flange Mounting
- UL497B Listed



Electrical Characteristics		
Network		Gigabit Ethernet, Cat.6 cabling
Nominal line voltage	Un	5 Vdc
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	250 MHz
Max. data rate		10/100/1000 Mbps
Insertion loss		< 1 dB
Max. load current @25°C	IL	2 A
Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In L/PE	2000 A
Protection Level <i>C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	20 V
Protection Level <i>C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	20 V
Max. capacitance	C	< 25 pF
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	500 A
Installation		
Operating Temperature _{Min}	°C	-40.0000
Operating Temperature _{Max}	°C	85.0000
Operating Temperature _{Min}	°F	-40.0000
Operating Temperature _{Max}	°F	85.0000
Operating Relative Humidity _{Max}	%RH	95
Operating Altitude _{Min}	Ft	2000.0000
Operating Altitude _{Max}	Ft	6500.0000
Housing/Enclosure material		Aluminum
Mounting		Flange
IP Environmental rating/IP		IP20
Installation Location		indoor
Product Dimension _L	mm	44.0000
Product Dimension _H	mm	54.0000
Product Dimension _W	mm	34.0000
Product Dimension _L	In	1.7300
Product Dimension _H	In	2.1200
Product Dimension _W	In	1.3300
Miscellaneous		
Individual Pack		Yes
Storage Temperature _{Min}	°C	-40.0000
Storage Temperature _{Max}	°C	85.0000
Storage Temperature _{Min}	°F	-40.0000
Storage Temperature _{Max}	°F	85.0000
Installation		
Cable type		Ethernet
Mechanical Characteristics		
Technology		GDT+TVS diode
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
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Pinout		(1-2)(3-6)(4-5)(7-8)
Part number		
560303		

