

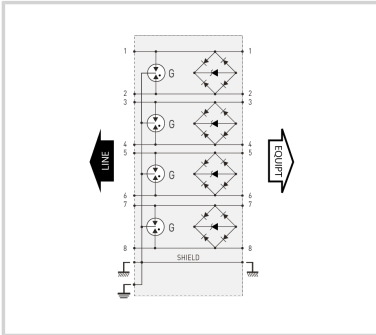


# CITEL



## 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) 8/20µs Test x 10 - C2 Category	In L/PE	2000 A
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	20 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	20 V
Max. capacitance	C	< 25 pF
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	500 A
Installation		
Operating TemperatureMin	°C	-40.0000
Operating TemperatureMax	°C	85.0000
Operating TemperatureMin	°F	-40.0000
Operating TemperatureMax	°F	85.0000
Operating Relative HumidityMax	%RH	95
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Aluminum
Mounting		Flange
IP Environmental rating/IP		IP20
Installation Location		indoor
Product DimensionL	mm	44.0000
Product DimensionH	mm	54.0000
Product DimensionW	mm	34.0000
Product DimensionL	In	1.7300
Product DimensionH	In	2.1200
Product DimensionW	In	1.3300
Miscellaneous		
Individual Pack		Yes
Storage TemperatureMin	°C	-40.0000
Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°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		
<b>560303</b>		

