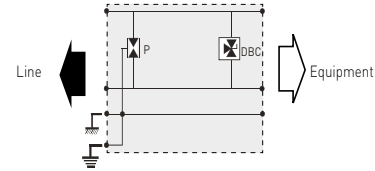
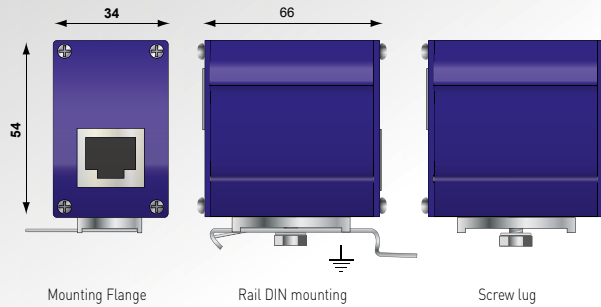


## Data Surge Protectors MJ8-CAT6S



# CITEL



P : 3-electrode gas tube  
DBC : 3-pole Low capacitance diode

- 100M/1G/ 10Gigabit Ethernet compatible
- RJ45 connectors
- Bi-directional
- Mounted on frame or DIN rail
- IEC 61643-21, EN 61643-21 and UL497B compliance

## Characteristics

CITEL Model		MJ8-CAT6S
Description		RJ45 surge protector for CAT6 network
Network		10Gigabit Ethernetcâblage Cat.6
Max. data rate		10 Gbps
SPD configuration		4 pairs + shielded
Pin outs		(1-2)[3-6][4-5][7-8]
Nominal line voltage	Un	5 Vdc
Max. DC operating voltage	Uc	8 Vdc
Max. Load current	IL	1000 mA
Max. frequency	f max	> 250 MHz
Insertion loss		< 1 dB
Line/Ground Nominal discharge current <i>8/20µs Test x 10 - category C2</i>	In	2000 A
Nominal discharge current Line/Line <i>8/20µs Test x 10 - category C2</i>	In	500 A
Impulse current - <i>2 x 10/350µs Test - D1 Category</i>	Iimp	500 A
Protection level	Up	20 V
Failsafe behavior		Short-circuit
Mechanical characteristics		
Dimensions		see diagram
Format		RJ45 connector
Connection to Network		RJ45 shielded connector female input/output
Disconnection indicator		transmission interrupt
Mounting		Mounting flange,Screw lug, DIN Rail
Operating temperature		-40/+85°C
Protection rating		IP20
Housing material		Aluminium
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B IEEE 802-3an
Part number		560303