

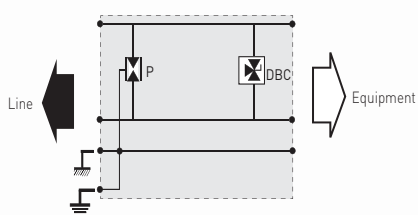
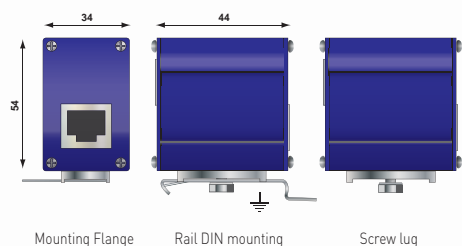
# Gigabit POE Surge Protectors MJ8-POE



- **POE compatible**
- **Shielded enclosure and connectors**
- **2 kA discharge capability**
- **UL497A**

## Dimensions - Electrical Diagram

(in mm)



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

## Characteristics

CITEL part number	MJ8-POE-A	MJ8-POE-B
Application	PoE and Gigabit Ethernet Networks	
Max. data rate	1000 Mbps	1000 Mbps
Max. DC Power Supply	60 Vdc - 650 mA	7.5 Vdc (1,2,3,6) - 650 mA 60 Vdc (4,5,7,8) - 650 mA
Pin outs	(1-2) (3-6) (4-5) (7-8)	
Nominal discharge currents:		
- Line/Line	<500 A @ 8/20 $\mu$ s	
- Line/Ground	2000 A @ 8/20 $\mu$ s	
<b>Mechanical characteristics</b>		
Connexions:		
- Input	RJ45 shielded	
- Output	RJ45 shielded	
Pinout	8 wires + shielding	
Enclosure	Metal	
Ground Connection	Screw Lug, Din Rail Clip or Mounting Flange	
Standard Compliance	IEEE 802-3af (transmission) IEC 61000-4-5 (surge withstand)	
<b>Part number</b>		
	581519	51518

