

Data Sheet

CAT5 and CAT6 Data Surge Protectors

MJ8-CAT5

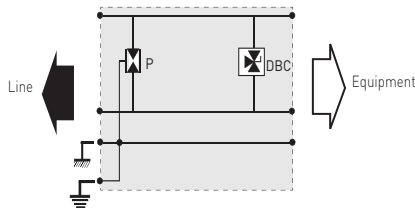
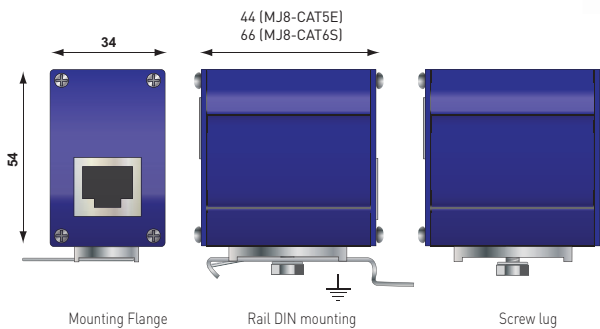
MJ8-CAT6S



- 10/100/1000 Base T compatible
- Shielded RJ45 connectors
- Bi-directional
- Category 5E and 6 compliance
- UL 497B

Dimensions and Diagram

(in mm)



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

Characteristics

CITEL part number	MJ8-CAT5E	MJ8-CAT6S
Application	Ethernet 100/1000 Cat.5E	Ethernet 100/1000 Cat.5E - Cat.6
Max. data rate	1000 Mbps	1000 Mbps
Max. DC Signal	8 Vdc 1.2 A	8 Vdc 1.2 A
Pin outs	(1-2) (3-6) (4-5) (7-8)	(1-2) (3-6) (4-5) (7-8)
Nominal discharge currents:		
- Line/Line	<500 A @ 8/20 μs	<500 A @ 8/20 μs
- Line/Ground	2000 A @ 8/20 μs	2000 A @ 8/20 μs
Mechanical characteristics		
Connections:		
- Input	Shielded RJ45 Connectors	
- Output	Shielded RJ45 Connectors	
Pin out	4 pairs + shielding + ground	
Enclosure	Metal	
Ground Connection	Screw Lug, Din Rail Clip or Mounting Flange	
Standard Compliance	IEEE 802-3af and 3av (transmission) IEC 61643-21 (surge withstand)	
Part number		
	560201	560303



CITEL

CITEL INC. • 10108 USA Today Way • Miramar, FL 33025 • USA • Tel.: 954.430.6310 • Fax: 954.430.7785 • e-mail: info@citel.us
F09121G • Document could be modified without notice