



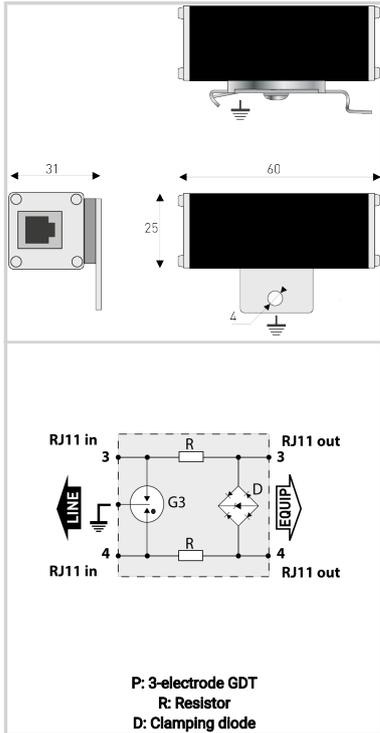
CITEL



RJ11 surge protector for 1 telephone line

MJ6-1T/D

- Telecom line surge protector
- PSTN, ADSL2, VDSL
- 1-pair + Shielded
- Instantaneous installation
- RJ11 connector
- UL497A



Electrical Characteristics

Network		Telephone Line, ADSL2, VDSL2, 1 pair
Nominal line voltage	Un	150 Vdc
Max. DC operating voltage	Uc	170 Vdc
Max. frequency	f max.	> 10 MHz
Max. data rate		30 Mbps
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	2500 A
Protection level @ In (8/20µs)	Up	220 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	220 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	220 V
Protection level L/N @ In (8/20µs)	Up L/N	220 V
Protection level L/PE @ In (8/20µs)	Up L/PE	220 V
Max. capacitance	C	< 70 pF
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	500 A
Line/Line Nominal discharge current C2 Category	In L/L	2500 A

Mechanical Characteristics

Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	RJ11 connector female input/output
Format	RJ11 Connector
Mounting	Mounting flange,Screw lug
Housing material	Aluminium
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt
Remote signaling of disconnection	No
Pinout	1-pair (3-4)
Dimensions	See diagram
Weight	0.06 kg

Standards

Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
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Part number

560412

