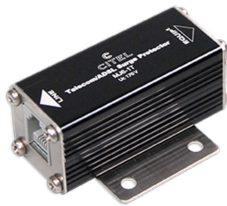




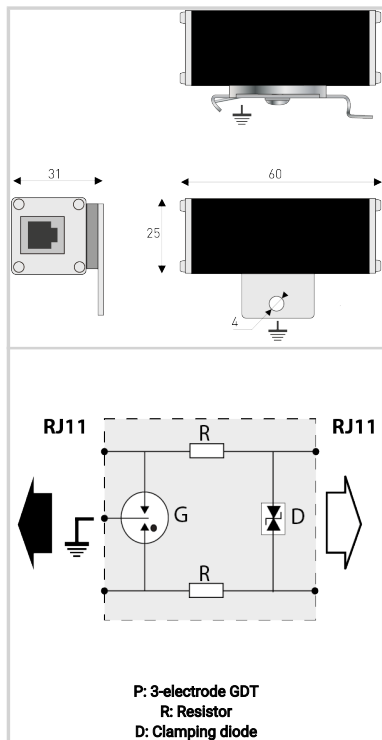
CITEL



RJ11 surge protector for 1 telephone line

MJ6-1T-UL

- Telecom line surge protector
- PSTN, ADSL2, VDSL
- 1-pair + Shielded
- Instantaneous installation
- RJ11 connector
- UL497B



Electrical Characteristics

Network		Telephone Line, ADSL2, VDSL2, 1 pair
Nominal line voltage	Un	150 Vdc
Max. AC operating voltage	Uc	150 Vac
Max. DC operating voltage	Uc	170 Vdc
Max. frequency	f max.	> 10 MHz
Max. data rate		30 Mbps
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category	In L/PE	2500 A
Protection level @ In (8/20 μ s)	Up	220 V
Protection Level C3 (10/1000 μ s), 300 applications@10 A, Y-Y (Line/Line)	Up	220 V
Protection Level C3 (10/1000 μ s), 300 applications@10 A, Y-C (Line/Earth)	Up	20 V
Protection level L/N @ In (8/20 μ s)	Up L/N	220 V
Protection level L/PE @ In (8/20 μ s)	Up L/PE	220 V
Line/Line Nominal discharge current C2 Category	In L/L	2500 A
Line resistance		< 4.7 Ohm

Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		RJ11 connector female input/output
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
Pinout		1-pair (3-4)
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Environmental standards		EU RoHS

Part number

560422

