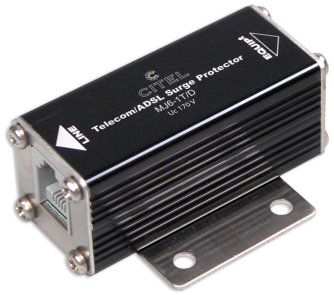
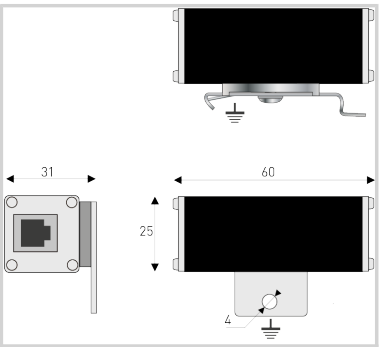
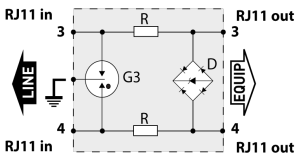
RJ11 surge protector for 1 telephone line

MJ6-1T/D



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





P: 3-electrode GDT
R: Resistor
D: Clamping diode

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		Transmision interrupt
Remote signaling of disconnection		No
Pinout		1-pair (3-4)
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Part number		
560412		