



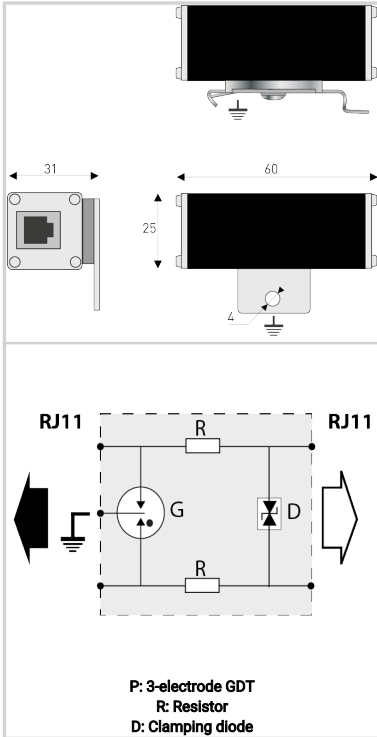
CITEL

UL497B LISTED - In 2.5kA

MJ6-1T-UL



- Telephone Lines
- Hybrid GDT and Diode Technology
- RJ11 connector
- Bi-Directional Protection
- Shielded Connector Configurations
- DIN Rail, Screw Lug, and Flange Mounting



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 <i>max. withstand @ 8/20 μs by pole</i>	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	In L/PE	2500 A
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	220 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	20 V
Protection level L/N <i>@ In (8/20μs)</i>	Up L/N	220 V
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		RJ11 connector female input/output
Mounting		Mounting flange,Screw lug
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Pinout		1-pair (3-4)
DIMENSIONS		See diagram
Standards		
Environmental standards		EU RoHS
UL STANDARD		UL497B
UL CATEGORY		QVGQ
UL FILE NUMBER		E184939
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
560422		

