



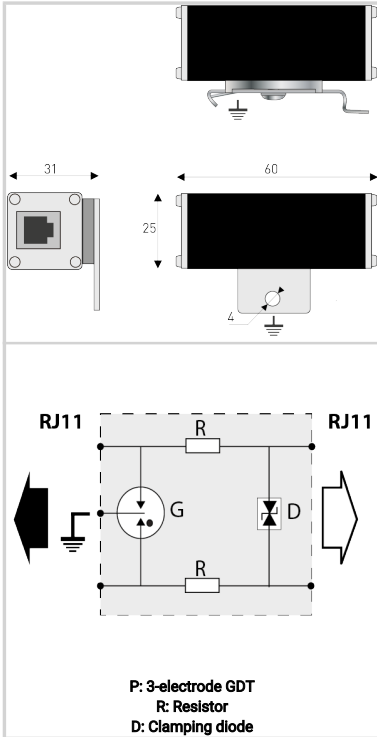
CITEL

RJ11 surge protector for 1 telephone line

MJ6-1T-UL



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



| 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 |
| Line inductance (± 10 %) | | non |
| Protection level <i>@ In (8/20μs)</i> | Up | 220 V |
| 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 |
| Protection level L/PE <i>@ In (8/20μs)</i> | Up L/PE | 220 V |
| Line/Line Nominal discharge current <i>C2 Category</i> | 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 |
| Spare module(s) | | DLAM-170 |
| Remote signaling of disconnection | | No |
| 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 | | |

