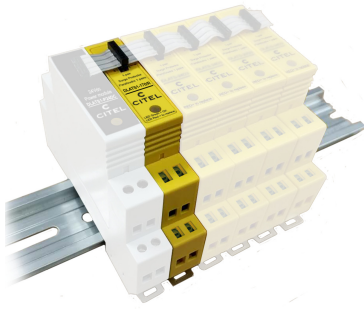




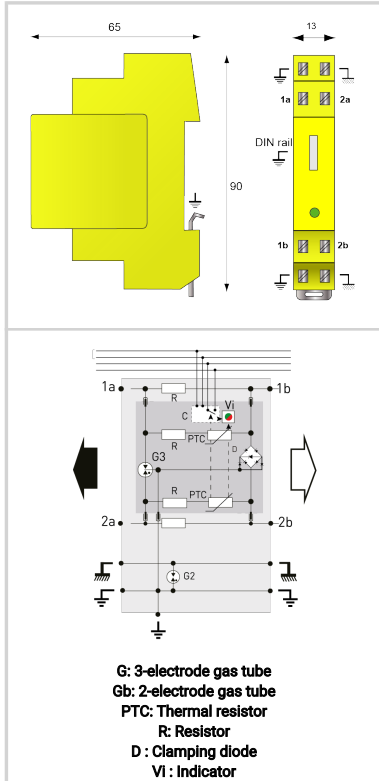
CITEL

1-pair DIN rail plug-in Data surge protector

DLATS1-170/R



- 1-pair data line/telecom surge protection
- Local and Remote signaling of SPD status
- DIN rail mounting, Screw connect status
- Plug-in module
- 1 monitoring module + SPD modules (up to 48) + bus
- Discharge current I_{max}/I_n : 20 kA / 5kA
- Complies with IEC/EN 61643-21 and UL497B



| Electrical Characteristics | | |
|--|------------|--|
| Network | | RTC, ADSL2, VDSL2 |
| Nominal line voltage | U_n | 150 V |
| Max. DC operating voltage | U_c | 170 Vdc |
| Max. frequency | f_{max} | 10 MHz |
| Insertion loss | | < 1 dB |
| Max. load current @25°C | I_L | 300 mA |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | I_{max} | 20 kA |
| Nominal discharge current <i>C2 Category</i> | I_n | 5 kA |
| Nominal Discharge Current, X-C (Line/Earth) <i>8/20 μs Test x 10 - C2 Category</i> | I_n L/PE | 5 kA |
| Protection mode(s) | | Common/Differential mode |
| Protection Level <i>C3 (10/1000 μs), 300 applications@10 A, Y-Y (Line/Line)</i> | U_p | 220 V |
| Protection Level <i>C3 (10/1000 μs), 300 applications@10 A, Y-C (Line/Earth)</i> | U_p | 220 V |
| Impulse current <i>D1 (10/350 μs), 2 applications, X-C (Line/Earth)</i> | i_{imp} | 5 kA |
| Line/Line Nominal discharge current <i>C2 Category</i> | I_n L/L | 5 kA |
| Line resistance ($\pm 10\%$) | | 4.7 Ohm |
| Mechanical Characteristics | | |
| Technology | | GDT+Clamping diode+PTC (thermal resistor) + Resistor |
| SPD configuration | | 1-pair+shielded |
| Connection to Network | | Spring terminal: cross section 0.5-2.5mm ² |
| Format | | Plug-in DIN box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | T_u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Transmission cut-off - fault mode 2 (short circuit) |
| Disconnection indicator | | Red light on |
| Spare module(s) | | DLATSM1-170 |
| Remote signaling of disconnection | | Trough control module |
| Connection bus | | SPD connection/control module by bus: bus 1+4 (1 control module+4 SPD), bus 1+9, bus 1+24 and bus 1+48 |
| Dimensions | | See diagram |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Environmental standards | | EU RoHS |
| Part number | | |
| 6417054 | | |

