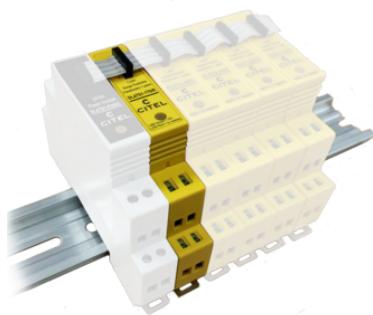




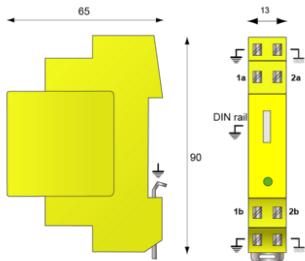
CITEL

1-pair DIN rail plug-in Data surge protector

DLATS1-170/R



- 1-pair dataline/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 UL497A



Connection ribbons available:

| Nb of pole | Ref. Ribbon |
|------------|--------------------|
| 2 - 5 | R-BUS 5P (301134) |
| 6 - 10 | R-BUS 10P (301133) |
| 11 - 25 | R-BUS 25P (301135) |
| 26 - 49 | R-BUS 49P (301143) |

Electrical Characteristics

| | |
|--|--------------------------|
| Network | RTC, ADSL2, VDSL2 |
| Nominal line voltage | Un 150 V |
| Max. DC operating voltage | Uc 170 Vdc |
| Max. frequency | f max. 10 MHz |
| Insertion loss | < 1 dB |
| Max. load current | IL 300 mA |
| Max. discharge current max. withstand @ 8/20 μ s by pole | I_{max} 20 kA |
| Line inductance | No |
| Protection mode(s) | Common/Differential mode |
| Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i> | Up 220 V |
| Impulse current <i>2 x 10/350 μs Test - D1 Category</i> | Imp 5 kA |
| Nominal discharge current <i>C2 Category</i> | In 5 kA |
| Line/Line Nominal discharge current <i>C2 Category</i> | In L/L 5 kA |
| Line/Ground Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i> | In L/PE 5 kA |

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 | Tu -40/+85°C |
| Protection rating | IP20 |
| Failsafe mode | Transmision cut-off - fault mode 2 |
| Disconnection indicator | Red light on |
| Spare module(s) | DLATS1M-170 |
| Remote signaling of disconnection | Trough control module |
| Remote signaling of disconnection via control module | Yes |
| Dimensions | See diagram |
| Weight | 0.066 kg |
| Standards | |
| Standards compliance | IEC 61643-21 / EN 61643-21 / UL497A |
| Part number | 6417054 |

