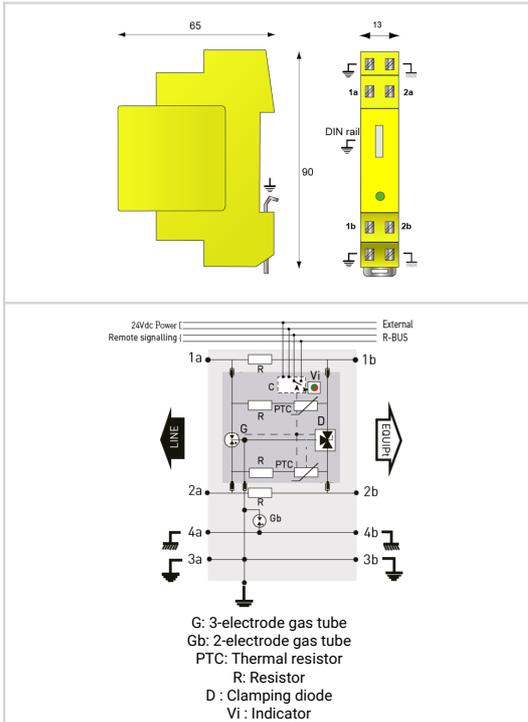


DLATS1-48D3/R



- ✦ 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 | IDSN, 48 V line |
| Nominal line voltage | U_n 48 V |
| Max. DC operating voltage | U_c 53 Vdc |
| Max. frequency | f_{max} 3 MHz |
| Insertion loss | < 1 dB |
| Max. load current @25°C | I_L 300 mA |
| Max. discharge current max. withstand @ 8/20 μ s by pole | I_{max} 20 kA |
| Protection mode(s) | Common/Differential mode |
| Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-X (Line/Line) | U_p 70 V |
| Protection level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth) | U_p 70 V |
| Impulse current 2 x 10/350 μ s Test - D1 Category | I_{imp} 5 kA |
| Nominal discharge current C2 Category | I_n 5 kA |
| Line/Line Nominal discharge current C2 Category | I_n L/L 5 kA |
| Nominal Discharge Current, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category | I_n L/PE 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) | DLATSM1-48D3 |
| Remote signaling of disconnection | Trough control module |
| Remote signaling of disconnection via control module | With attached seperated 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 |
| Weight | 0.066 kg |
| Standards | |
| Standards compliance | IEC 61643-21 / EN 61643-21 / UL497B |
| Part number | |
| 6417044 | |