



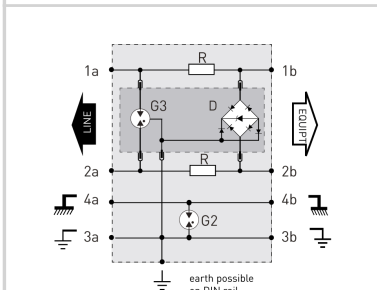
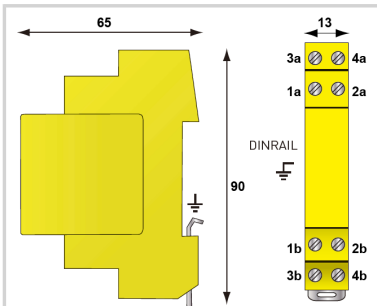
CITEL

UL121201 Hazardous Locations- In 5kA

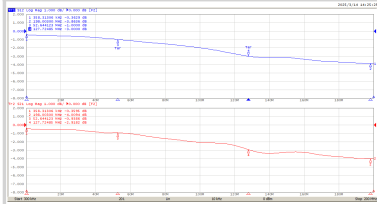
DLA-48D3-Ex



- Hybrid GDT-TVS Technology
- UL497B LISTED
- UL121201 Hazardous Locations
- 20kA I_{max} (1x-8/20us)
- 5kA I_{imp} (2x-10/350us)
- 5kA I_n (10x-8/20us)
- Modular
- 2W+SHIELD+G



G: 3-electrode gas tube
Gb: 2-electrode gas tube
R: Resistor
D: Clamping diode



| Electrical Characteristics | | |
|---|------------------|---|
| Network | | ISDN, 48 V line |
| Nominal line voltage | Un | 48 V |
| Max. DC operating voltage | Uc | 53 Vdc |
| Cut-off frequency -3dB, 100 ohm system | f max. | > 115 MHz |
| Cut-off frequency -1dB, 100 ohm system | f max. | > 50 MHz |
| Max. load current @25°C | IL | 300 mA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} | 20 kA |
| Nominal discharge current C2 Category | I _n | 5 kA |
| Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line) | Up | 70 V |
| Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth) | Up | 70 V |
| Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth) | I _{imp} | 5 kA |
| Line resistance (± 10%) | | 4.7 Ohm |
| Mechanical Characteristics | | |
| Technology | | GDT+TVS diode |
| Connection to Network | | By screw terminal: cross section 0.5-2.5mm ² |
| Format | | Din Rail Base-Plug-in Module |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit |
| NETWORK CONFIGURATION | | 1 pair (2W+Shield+G) |
| MATERIAL | | Thermoplastic UL94-V0 |
| DIMENSIONS | | See diagram |
| SPARE PART | | DLAM-48D3 |
| Standards | | |
| Certification | | UL Listed |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL497B & UL121201 Hazardous Location |
| UL CATEGORY | | QVGG & QVSI |
| UL FILE NUMBER | | E184939 & E527349 |
| UL121201 HAZARDOUS LOCATION | | Class I, Division 2, Groups A, B, C & D: Operating Temp. T5 |
| STANDARDS | | IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| Part number | | |
| 897013 | | |

