



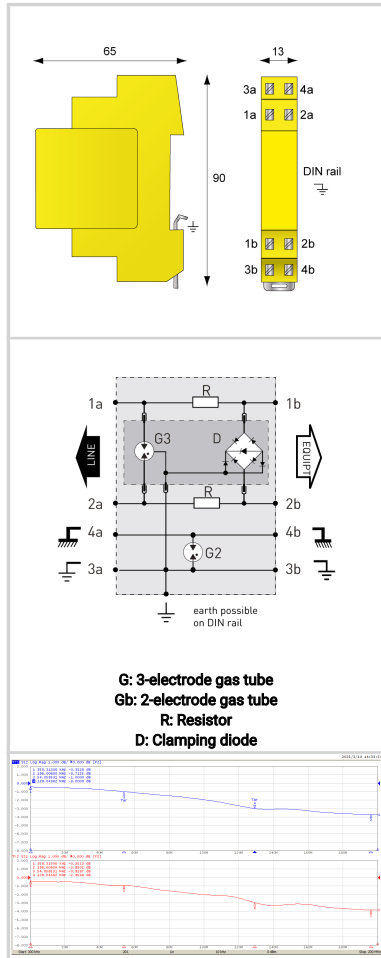
CITEL

1-pair DIN rail plug-in Data surge protector

DLA-12D3/R



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



| Electrical Characteristics | |
|---|---|
| Network | RS232, RS485 |
| Nominal line voltage | Un 12 V |
| Max. DC operating voltage | Uc 15 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 | Imax 20 kA |
| Nominal discharge current C2 Category | In 5 kA |
| Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line) | Up 30 V |
| Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth) | Up 30 V |
| Max. capacitance | C < 50 pF |
| Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth) | limp 5 kA |
| Line resistance (± 10%) | 4.7 Ohm |
| Mechanical Characteristics | |
| Technology | GDT+TVS diode |
| SPD configuration | 1-pair+shielded |
| Connection to Network | Spring terminal: cross section 0.5-2.5mm² |
| Format | Din Rail Base-Plug-in Module |
| Mounting | Symmetrical rail 35 mm (EN 60715) |
| Housing material | Thermoplastic UL94 V-0 |
| Operating and storage temperature | -40/+85°C |
| Protection rating | IP20 |
| Failsafe mode | Short-circuit |
| Disconnection indicator | Transmission interrupt - default mode 2 |
| Spare module(s) | DLAM-12D3 |
| Dimensions | See diagram |
| Standards | |
| Standards compliance | IEC 61643-21 / EN 61643-21 |
| Part number | |
| 6402014 | |

