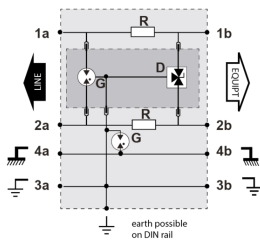
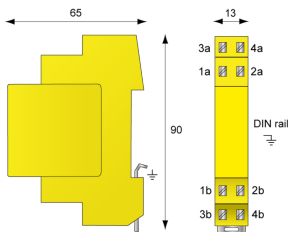


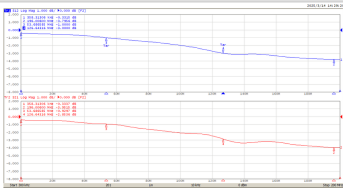
DLA-24D3/R



- ✦ 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



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



Electrical Characteristics

| | | |
|---|--------|---------------------|
| Network | | 4-20mA, Liaison 24V |
| Nominal line voltage | Un | 24 V |
| Max. DC operating voltage | Uc | 28 Vdc |
| Cut-off frequency -3dB, 100 ohm system | f max. | > 115 MHz |
| Cut-off frequency -1dB, 100 ohm system | f max. | > 50 MHz |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax | 20 kA |
| Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line) | Up | 40 V |
| Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth) | Up | 40 V |
| Max. capacitance | C | < 50 pF |
| Impulse current 2 x 10/350μs Test - D1 Category | Iimp | 5 kA |
| Nominal discharge current C2 Category | In | 5 kA |
| Max. Load current | IL | 300 mA |
| Line resistance (± 10%) | | 4.7 Ohm |

Mechanical Characteristics

| | | |
|-----------------------------------|--|---|
| Technology | | GDT+TVS diode |
| SPD configuration | | 1-pair+shielded |
| Connection to Network | | Spring terminal: cross section 0.5-2.5mm ² |
| 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-24D3 |
| Dimensions | | See diagram |

Standards

| | | |
|----------------------|--|----------------------------|
| Standards compliance | | IEC 61643-21 / EN 61643-21 |
|----------------------|--|----------------------------|

Part number

6401034