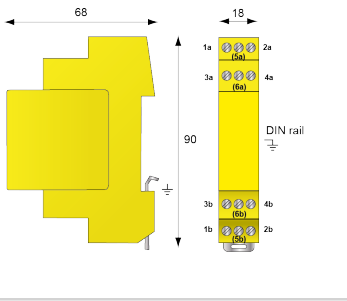
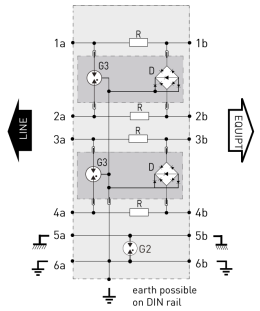
*UL497B LISTED - Imax 20kA - In 5kA - Modular*

# DLA2-48D3

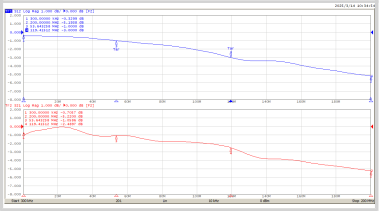



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA Imax (1x 8/20us)
- 5kA Imp (2x 10/350us)
- 10kA In (10x 8/20us)
- Modular
- 4W+SHIELD+G




**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<br>*-3dB, 100 ohm system* | f max. | > 115 MHz |
| Cut-off frequency<br>*-1dB, 100 ohm system* | f max. | > 50 MHz |
| Max. load current @25°C | IL | 300 mA |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 20 kA |
| Nominal discharge current<br>*C2 Category* | In | 5 kA |
| Protection Level<br>*C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)* | Up | 70 V |
| Protection Level<br>*C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)* | Up | 650 V |
| Impulse current<br>*D1 (10/350µs), 2 applications, X-C (Line/Earth)* | Iimp | 5 kA |
| Line resistance (± 10%) | | 4.7 Ohm |
| **Mechanical Characteristics** | | |
| Technology | | GDT+TVS diode |
| Connection to Network | | By screw terminal: cross section 0.5-2.5mm² |
| Format | | Plug-in DIN box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Operating and storage temperature | | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit |
| NETWORK CONFIGURATION | | 2 Channel (4W+SHIELD+G) |
| MATERIAL | | Thermoplastic UL94-V0 |
| DIMENSIONS | | See diagram |
| SPARE PART | | DLA2M-48D3 |
| **Standards** | | |
| Certification | | UL Listed |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL497B |
| UL CATEGORY | | QVGQ |
| UL FILE NUMBER | | E184939 |
| STANDARDS | | IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| **Part number** | | |
| **640312** | | |