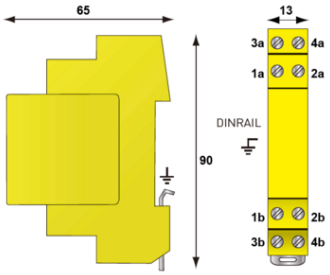
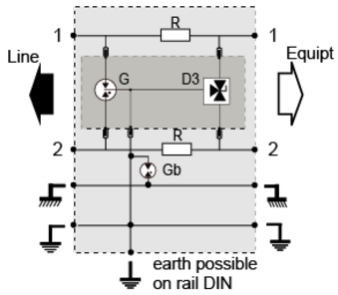
# DLA-12D3

- Din rail plug-in surge protector
- 1-pair
- Un: 12 V
- Shield wire protection
- Plug-out without line cut-off
- IEC 61643-21 compliance
- UL497A




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

| Electrical Characteristics | | |
|---|---|---|
| Network | | RS232, RS485 |
| Nominal line voltage | Un | 12 V |
| Max. DC operating voltage | Uc | 15 Vdc |
| Max. frequency | f max. | > 3 MHz |
| Max. load current | IL | 300 mA |
| Max. discharge current max. withstand @ 8/20 µs by pole | Imax | 20 kA |
| Line inductance | | No |
| Protection levelFollowing the test category C3 (IEC61643-21) - Line/Line | Up | 30 V |
| Protection levelFollowing the test category C3 (IEC61643-21) - Line/PE | Up | 20 V |
| Impulse current2 x 10/350µs Test - D1 Category | Iimp | 5 kA |
| Nominal discharge currentC2 Category | In | 5 kA |
| Line resistance | | < 4.7 Ohm |
| **Mechanical Characteristics** | | |
| Technology | | GDT+Clamping diode |
| SPD configuration | | 1-pair+shielded |
| Connection to Network | | By screw terminal: cross section 0.5-2.5mm² |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit |
| Spare module(s) | | DLAM-12D3 |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497A |
| **Part number** | | |
| **6402011** | | |