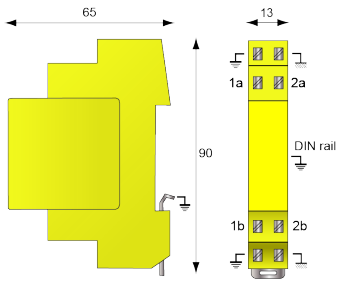
*1-pair DIN rail plug-in Data surge protector*

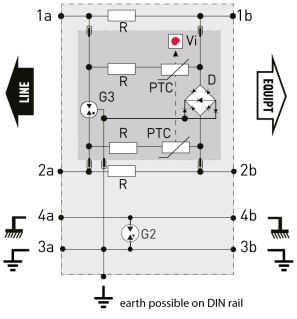
# DLAS1-24D3/R




- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 24 Vdc
- Din rail mounting, spring contact
- IEC/EN 61643-21 and UL497B compliance

SIL3 IEC61508




**G: 3-electrode gas tube**
**Gb: 2-electrode gas tube**
**PTC: Thermal resistor**
**R: Resistor**
**D : Clamping diode**
**Vi : Indicator**

| | | |
|---|---|---|
| **Electrical Characteristics** | | |
| Network | | 4-20mA, Liaison 24V |
| Max. DC operating voltage | Uc | 28 Vdc |
| Max. frequency | f max. | 3 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, X-C (Line/Earth)<br>*8/20µs Test x 10 - C2 Category* | In L/PE | 5 kA |
| Protection Level<br>*C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)* | Up | 40 V |
| Protection Level<br>*C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)* | Up | 40 V |
| Impulse current<br>*D1 (10/350µs), 2 applications, X-C (Line/Earth)* | Iimp | 5 kA |
| Line/Line Nominal discharge current<br>*C2 Category* | In L/L | 5 kA |
| Line resistance (± 10%) | | 4.7 Ohm |
| **ELEC** | | |
| Nominal line voltage | Un | 24 V |
| **Mechanical Characteristics** | | |
| Technology | | GDT+Clamping diode+PTC (thermal resistor) + Resistor |
| SPD configuration | | 1-pair+shielded |
| Connection to Network | | By spring contact terminal: 0.5-4 mm² |
| Format | | Plug-in DIN box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Opening line - transmision cut-off - fault mode 2 |
| Disconnection indicator | | Visual indicator is red |
| Spare module(s) | | DLAS1M-24D3 |
| Dimensions | | See diagram |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification | | SIL |
| Environmental standards | | EU RoHS |
| **Part number** | | |
| **6415034** | | |