



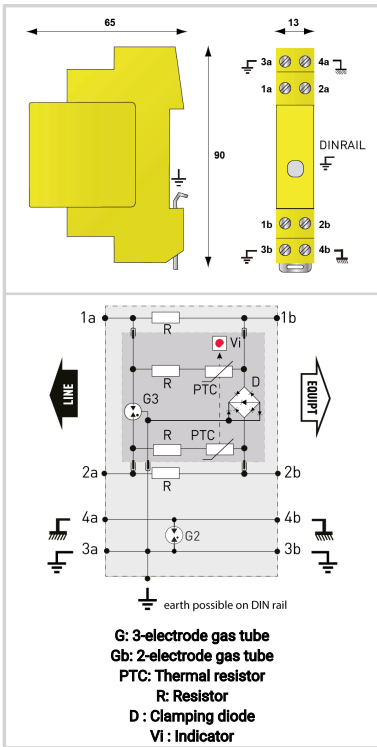
CITEL

1-pair DIN rail plug-in Data surge protector

DLAS1-12D3



- ▶ 1-pair Pluggable SPD for dataline
- ▶ Visual indicator in failsafe behaviour
- ▶ Without line cut-off
- ▶ Line voltage 12 Vdc
- ▶ Din rail mounting, Screw terminals
- ▶ IEC/EN 61643-21 and UL497B compliance



| 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 @25°C | IL | 300 mA |
| Max. discharge current max. withstand @ 8/20 µs by pole | Imax | 20 kA |
| Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category | In L/PE | 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 |
| Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth) | Iimp | 5 kA |
| Line/Line Nominal discharge current C2 Category | In L/L | 5 kA |
| Line resistance (± 10%) | | 4.7 Ohm |
| Mechanical Characteristics | | |
| Technology | | GDT+Clamping diode+PTC (thermal resistor) + Resistor |
| SPD configuration | | 1-pair+shielded |
| Connection to Network | | By screw terminal: cross section 0.5-2.5mm² |
| 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 - transmission cut-off - fault mode 2 |
| Disconnection indicator | | Visual indicator is red |
| Spare module(s) | | DLAS1M-12D3 |
| Dimensions | | See diagram |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Environmental standards | | EU RoHS |
| Part number | | |
| 6415021 | | |

