



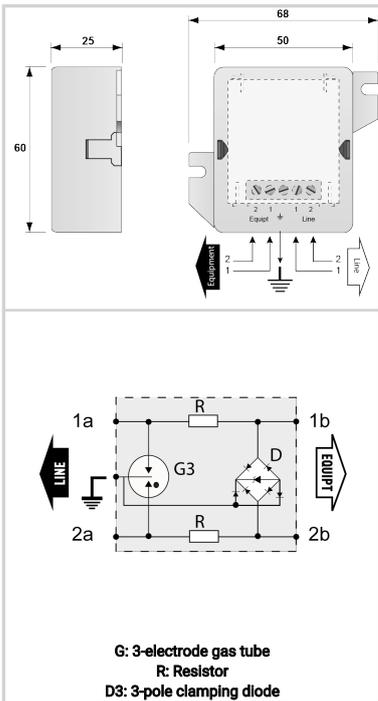
CITEL

1-pair Data surge protector unit

B180-24D3



- Compact 1-pair surge protection unit
- 24 V
- Removable protection circuit
- Wall mounting and screw connection
- UL497 A&B



| Electrical Characteristics | | |
|--|--------|---|
| Network | | 4-20mA, 24V |
| Nominal line voltage | Un | 24 V |
| Max. DC operating voltage | Uc | 28 Vdc |
| Max. frequency | f max. | 20 MHz |
| Insertion loss | | < 1 dB |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | Imax | 20 kA |
| Nominal Discharge Current <i>C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)</i> | In | 5 kA |
| Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i> | Up | 40 V |
| Impulse current <i>2 x 10/350μs Test - D1 Category</i> | limp | 2.5 kA |
| Max. Load current | IL | 300 mA |
| Line resistance | | < 4.7 Ohm |
| Mechanical Characteristics | | |
| Technology | | GDT + R + Diode |
| SPD configuration | | 1 pair |
| Connection to Network | | By screw terminal: cross section 0.4-1.5mm ² |
| Format | | Wall mounting box |
| Mounting | | Wall mounting by screws (not supplied) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit - transmission cut-off - fault mode 2 |
| Spare module(s) | | S180-24D3 |
| Dimensions | | See diagram |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification | | UL listed |
| Part number | | |
| 510302 | | |

