



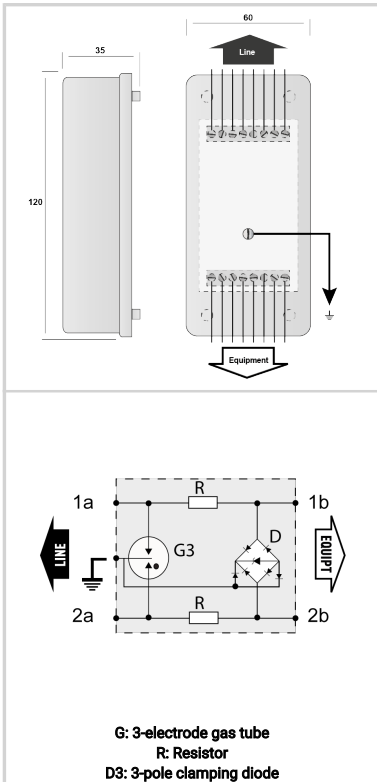
# CITEL

## 2-pair Data surge protector unit

### B280-24D3



- 2-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 Vdc  |
| Max. DC operating voltage   | Uc     | 28 Vdc  |
| Max. frequency  | f max. | 20 MHz  |
| Insertion loss  |        | < 1 dB  |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole                            | Imax   | 20 kA   |
| Nominal Discharge Current<br>C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line) | In     | 5 kA  |
| Protection Level<br>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)            | Up     | 40 V  |
| Impulse current<br>2 x 10/350μs Test - D1 Category                                    | limp   | 2.5 kA  |
| Max. Load current   | IL     | 300 mA  |
| Line resistance   |        | < 4.7 Ohm   |
| Mechanical Characteristics  |        |   |
| Technology  |        | GDT + R + Diode   |
| SPD configuration   |        | 2 pairs   |
| Connection to Network   |        | By screw terminal: cross section 0.4-1.5mm <sup>2</sup> |
| 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)   |        | S280-24D3   |
| Dimensions  |        | See diagram   |
| Weight  |        | 0.122 kg  |
| Standards   |        |   |
| Standards compliance  |        | IEC 61643-21 / EN 61643-21 / UL497B                     |
| Certification   |        | UL listed   |
| Environmental standards   |        | EU RoHS   |
| Part number   |        |   |
| <b>72773</b>  |        |   |

