



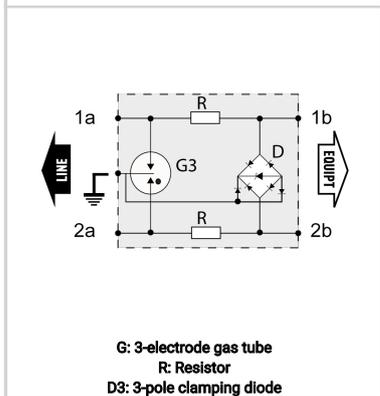
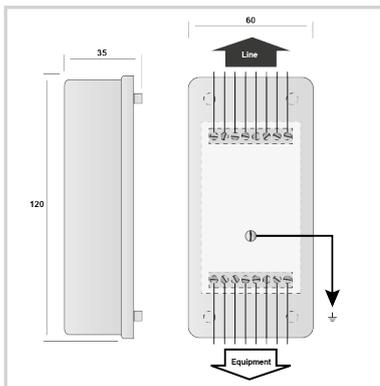
# CITEL

## 4-pair Data surge protector unit

### B480-12D3



- 4-pair surge protection unit
- 12 V
- Removable
- Wall mounting and screw connection
- UL497 A&B



| Electrical Characteristics   |        |   |
|--|--------|---|
| Network  |        | RS232, RS485  |
| Nominal line voltage   | Un     | 12 Vdc  |
| Max. DC operating voltage  | Uc     | 15 Vdc  |
| Max. frequency   | f max. | 20 MHz  |
| Insertion loss   |        | < 1 dB  |
| Max. discharge current<br><i>max. withstand @ 8/20 μs by pole</i>                            | Imax   | 20 kA   |
| Nominal Discharge Current<br><i>C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)</i> | In     | 5 kA  |
| Line inductance (± 10 %)   |        | non   |
| Protection Level<br><i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>            | Up     | 30 V  |
| Impulse current<br><i>2 x 10/350μs Test - D1 Category</i>                                    | Iimp   | 2.5 kA  |
| Max. Load current  | IL     | 300 mA  |
| Type of diagram  |        | B   |
| Line resistance  |        | < 4.7 Ohm   |
| Mechanical Characteristics   |        |   |
| Technology   |        | GDT + R + Diode   |
| SPD configuration  |        | 4 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)  |        | S480-12D3   |
| Remote signaling of disconnection  |        | No  |
| Dimensions   |        | See diagram   |
| Weight   |        | 0.136 kg  |
| Standards  |        |   |
| Standards compliance   |        | IEC 61643-21 / EN 61643-21 / UL497B                     |
| Certification  |        | UL listed   |
| Part number  |        |   |
| <b>72792</b>   |        |   |

