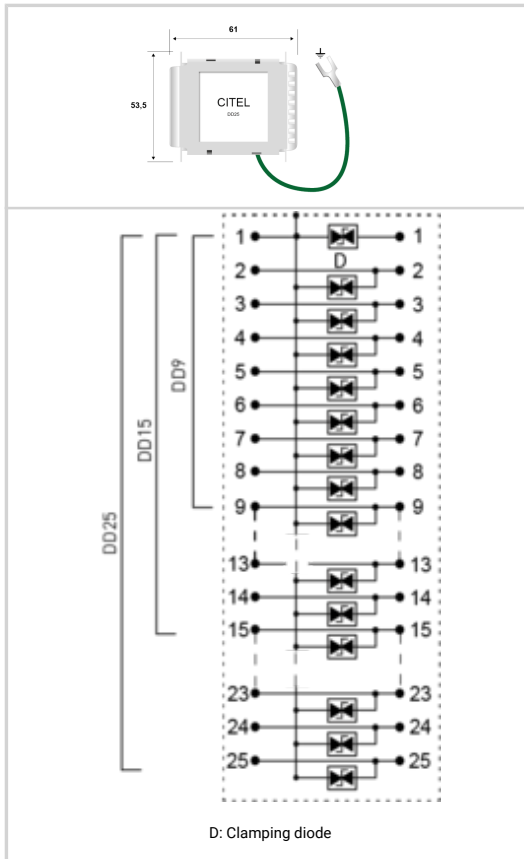


DD25-24V



- D-Sub surge protector
- For RS232, RS485 communication lines
- 25-pin connector
- Fast and easy installation
- Secondary protection



| Electrical Characteristics | |
|--|---|
| Network | RS232, RS485, 4-20mA |
| Nominal line voltage | Un 24 Vdc |
| Max. DC operating voltage | Uc 40 Vdc |
| Max. frequency | f max. > 10 MHz |
| Max. data rate | < 40 Mbps |
| Insertion loss | < 1 dB |
| Max. load current | IL 750 mA |
| Max. discharge current max. withstand @ 8/20 µs by pole | Imax 20 kA |
| Total Maximum discharge current max. total withstand @ 8 /20 µs | Imax Total 20 kA |
| Line inductance | No |
| Protection mode(s) | Common/Differential mode |
| Protection levelFollowing the test category C3 (IEC61643-21) - Line/Line | Up 18 V |
| Protection levelFollowing the test category C3 (IEC61643-21) - Line/PE | Up 20 V |
| Max. capacitance | C < 30 pF |
| Impulse current2 x 10/350µs Test - D1 Category | Iimp 2.5 kA |
| Nominal discharge currentC2 Category | In 5 kA |
| Line/Line Nominal discharge current C2 Category | In L/L 300 A |
| Line/Ground Nominal discharge current 8 /20µs Test x 10 - C2 Category | In L/PE 300 A |
| Type of diagram | B |
| Line resistance | < 4.7 Ohm |
| Mechanical Characteristics | |
| Technology | Diode écrétage |
| SPD configuration | 25 wires |
| Connection to Network | D-Sub 25 pts male/female Input/output |
| Format | In/out D-Sub connector unit |
| Mounting | On cable |
| Housing material | Thermoplastic UL94 V-0 |
| Operating temperature | Tu -40/+85°C |
| Protection rating | IP20 |
| Outdoor application | No |
| Failsafe mode | Short-circuit - transmission cut-off - fault mode 2 |
| Disconnection indicator | Transmission interrupt |
| Spare module(s) | S480-24D3 |
| Remote signaling of disconnection | No |
| Pinout | all wires transmitted and protected |
| Dimensions | See diagram |
| Weight | 0.011 kg |
| Standards | |
| Standards compliance | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification | UL listed |
| Part number | |
| 6145 | |