



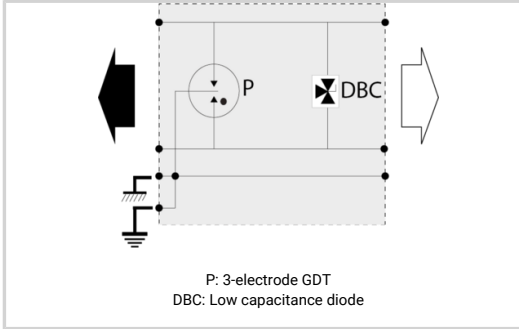
# CITEL

## 19" patch panel surge protector for high speed network STP

### PL12-CAT6



- ↳ Surge protector for CAT6
- ↳ 12 ports
- ↳ 19" patch panel 1 U
- ↳ 100/1000/10Gigabit Ethernet network compliance
- ↳ Connectors RJ45 shielded
- ↳ Bi-directionnel



| Electrical Characteristics  |         |   |
|---|---------|---|
| Network   |         | 10 Gigabit Ethernet, Cat.6 cabling                  |
| Nominal line voltage  | Un      | 5 Vdc   |
| Max. DC operating voltage   | Uc      | 8 Vdc   |
| Max. frequency  | f max.  | 250 MHz   |
| Max. data rate  |         | 10/100/1000 Mbps                                    |
| Insertion loss  |         | < 1 dB  |
| Max. load current<br>@25°C  | IL      | 1000 mA   |
| Protection level<br>@ In (8/20 μs)  | Up L/L  | 20 V  |
| Max. capacitance  | C       | < 25 pF   |
| Impulse current<br>2 x 10/350μs Test - D1 Category                            | Iimp    | 500 A   |
| Line/Line Nominal discharge current<br>C2 Category                            | In L/L  | 500 A   |
| Nominal Discharge Current, X-C (Line/Earth)<br>8/20μs Test x 10 - C2 Category | In L/PE | 2000 A  |
| Mechanical Characteristics  |         |   |
| Technology  |         | GDT+Clamping diode                                  |
| SPD configuration   |         | 12 ports de 8 wires                                 |
| Connection to Network   |         | RJ45 shielded female input/output                   |
| Format  |         | Rack 19"  |
| Mounting  |         | Baie 19"  |
| Housing material  |         | Aluminium   |
| Operating temperature   | Tu      | -40/+85°C   |
| Protection rating   |         | IP20  |
| Failsafe mode   |         | Short-circuit                                       |
| Disconnection indicator   |         | Transmission interrupt                              |
| Spare module(s)   |         | 12-port PCB   |
| Remote signaling of disconnection   |         | No  |
| Pinout  |         | (1-2)(3-6)(4-5)(7-8)                                |
| Dimensions  |         | See diagram   |
| Standards   |         |   |
| Standards compliance  |         | IEC 61643-21 / EN 61643-21 / UL497 B / IEEE 802-3an |
| Part number   |         |   |
| 581534  |         |   |

