



# CITEL

## 19" patch panel CAT6 surge protector for Data-Telecom lines

### PCH48-C6



- 19" patch panel CAT6 surge protector
- 48 ports
- In : connector type 110 back
- Out : RJ45 front
- Maintenance possible per port
- Secondary protection
- UL497B



| Electrical Characteristics                                                    |         |                                                      |
|-------------------------------------------------------------------------------|---------|------------------------------------------------------|
| Network                                                                       |         | 100/1000 BaseT, Ethernet                             |
| Nominal line voltage                                                          | Un      | 5 Vdc                                                |
| Max. DC operating voltage                                                     | Uc      | 7.5 Vdc                                              |
| Max. frequency                                                                | f max.  | 250 MHz                                              |
| Max. data rate                                                                |         | 10/100/1000 Mbps                                     |
| Insertion loss                                                                |         | < 1 dB                                               |
| Max. load current @25°C                                                       | IL      | 750 mA                                               |
| Nominal Discharge Current, X-C (Line/Earth)<br>8/20µs Test x 10 - C2 Category | In L/PE | 500 A                                                |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)    | Up      | 20 V                                                 |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)   | Up      | 20 V                                                 |
| Max. capacitance                                                              | C       | < 8 pF                                               |
| Discharge current<br>at 10/1000µs impulse current                             |         | 100 A                                                |
| Line/Line Nominal discharge current<br>C2 Category                            | In L/L  | 500 A                                                |
| Mechanical Characteristics                                                    |         |                                                      |
| Technology                                                                    |         | Diode écrêtage                                       |
| SPD configuration                                                             |         | 48 ports of 8 wires                                  |
| Connection to Network                                                         |         | Self-stripping connector 110 back/RJ45 Female. front |
| 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)                                                               |         | removable circuit 2 ports                            |
| 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 / UL497B / IEEE 802-3an   |
| Part number                                                                   |         |                                                      |
| 6252                                                                          |         |                                                      |

