



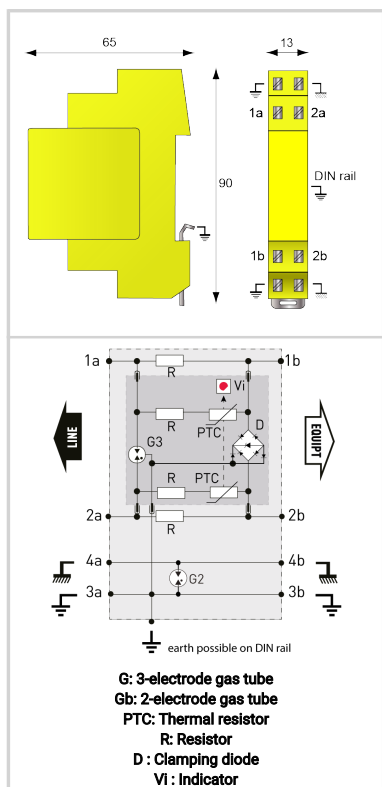
# CITEL



## 1-pair DIN rail plug-in Data surge protector

### DLAS1-48D3/R

- › 1-pair Pluggable SPD for dataline
- › Visual indicator in failsafe behaviour
- › Without line cut-off
- › Line voltage 48 Vdc
- › Din rail mounting, spring contact
- › IEC/EN 61643-21 and UL497B compliance



| Electrical Characteristics                                                    |         |                                                      |
|-------------------------------------------------------------------------------|---------|------------------------------------------------------|
| Network                                                                       |         | ISDN, 48 V line                                      |
| Nominal line voltage                                                          | Un      | 48 V                                                 |
| Max. DC operating voltage                                                     | Uc      | 53 Vdc                                               |
| Max. frequency                                                                | f max.  | 3 MHz                                                |
| Max. load current @25°C                                                       | IL      | 300 mA                                               |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole                    | Imax    | 20 kA                                                |
| Nominal Discharge Current, X-C (Line/Earth)<br>8/20µs Test x 10 - C2 Category | In L/PE | 5 kA                                                 |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)    | Up      | 70 V                                                 |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)   | Up      | 70 V                                                 |
| Impulse current<br>D1 (10/350µs), 2 applications, X-C (Line/Earth)            | Iimp    | 5 kA                                                 |
| Line/Line Nominal discharge current<br>C2 Category                            | In L/L  | 5 kA                                                 |
| Line resistance (± 10%)                                                       |         | 4.7 Ohm                                              |
| Mechanical Characteristics                                                    |         |                                                      |
| Technology                                                                    |         | GDT+Clamping diode+PTC (thermal resistor) + Resistor |
| SPD configuration                                                             |         | 1-pair+shielded                                      |
| Connection to Network                                                         |         | By spring contact terminal: 0.5-4 mm²                |
| Format                                                                        |         | Plug-in DIN box                                      |
| Mounting                                                                      |         | Symmetrical rail 35 mm (EN 60715)                    |
| Housing material                                                              |         | Thermoplastic UL94 V-0                               |
| Operating temperature                                                         | Tu      | -40/+85°C                                            |
| Protection rating                                                             |         | IP20                                                 |
| Failsafe mode                                                                 |         | Opening line - transmission cut-off - fault mode 2   |
| Disconnection indicator                                                       |         | Visual indicator is red                              |
| Spare module(s)                                                               |         | DLAS1M-48D3                                          |
| Dimensions                                                                    |         | See diagram                                          |
| Standards                                                                     |         |                                                      |
| Standards compliance                                                          |         | IEC 61643-21 / EN 61643-21 / UL497B                  |
| Environmental standards                                                       |         | EU RoHS                                              |
| Part number                                                                   |         |                                                      |
| 6415044                                                                       |         |                                                      |

