



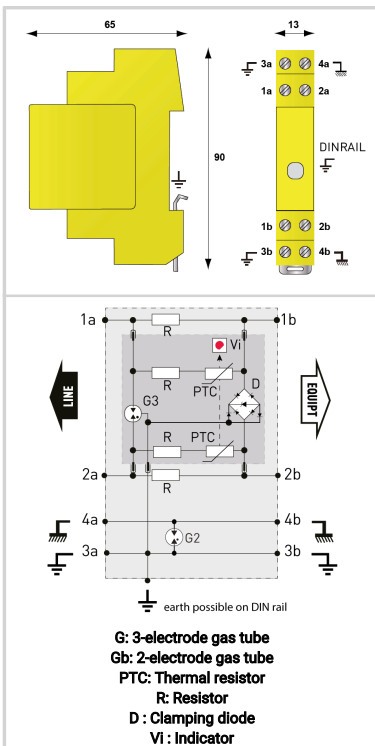
# CITEL

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

### DLAS1-06D3



- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 6 Vdc
- Din rail mounting, Screw terminals
- IEC/EN 61643-21 and UL497B compliance



| Electrical Characteristics  |  |           |
|---|--|-----------|
| Network   |  | RS422     |
| Nominal line voltage  | Un   | 6 V       |
| Max. DC operating voltage   | Uc   | 8 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   | 20 V      |
| Protection Level<br>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)   | Up   | 20 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 screw terminal: cross section 0.5-2.5mm²          |           |
| 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-06D3  |           |
| Dimensions  | See diagram  |           |
| Standards   |  |           |
| Standards compliance  | IEC 61643-21 / EN 61643-21 / UL497B                  |           |
| Certification   | SIL  |           |
| Environmental standards   | EU RoHS  |           |
| Part number   |  |           |
| <b>6415011</b>  |  |           |

