



# 1-pair DIN rail plug-in Telecomsurge protector

# CITEL

## DLA-170G



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



|   |   |                            |
|---|---|----------------------------|
|   | <b>Electrical Characteristics</b>                       |                            |
|   | Network   | RTC, ADSL2, VDSL2          |
| <p>G: 3-electrode gas tube<br/>Gb: 2-electrode gas tube<br/>R: Resistor<br/>D: Clamping diode</p> | Nominal line voltage                                    | Un 150 V                   |
|   | Max. DC operating voltage                               | Uc 170 Vdc                 |
|   | Max. frequency  | f max. 100 Mhz             |
|   | Insertion loss  | < 1 dB                     |
|   | Max. load current @25°C                                 | IL 2.4 A                   |
|   | Max. discharge current max. withstand @ 8/20 μs by pole | I <sub>max</sub> 20 kA     |
|   | Line inductance   | No                         |
|   | Protection level @ I <sub>n</sub> (8/20 μs)             | U <sub>p</sub> L/L < 750 V |
|   | Max. capacitance  | C < 5 pF                   |
|   | Impulse current 2 x 10/350 μs Test - D1 Category        | I <sub>imp</sub> 5 kA      |
| Nominal discharge current C2 Category   | I <sub>n</sub> 5 kA                                     |                            |
| Line resistance   | 0 Ohm   |                            |
| <b>Mechanical Characteristics</b>   |   |                            |
| Technology  | GDT+Clamping diode                                      |                            |
| SPD configuration   | 1-pair+shielded   |                            |
| Connection to Network   | By screw terminal: cross section 0.5-2.5mm <sup>2</sup> |                            |
| Format  | Plug-in DIN box   |                            |
| Mounting  | Symmetrical rail 35 mm (EN 60715)                       |                            |
| Housing material  | Thermoplastic UL94 V-0                                  |                            |
| Operating and storage temperature   | -40/+85°C   |                            |
| Protection rating   | IP20  |                            |
| Failsafe mode   | Short-circuit   |                            |
| Disconnection indicator   | Transmission interrupt - default mode 2                 |                            |
| Spare module(s)   | DLAM-170G   |                            |
| Dimensions  | See diagram   |                            |
| <b>Standards</b>  |   |                            |
| Standards compliance  | IEC 61643-21 / EN 61643-21                              |                            |
| <b>Part number</b>  |   |                            |
| 640165  |   |                            |

