



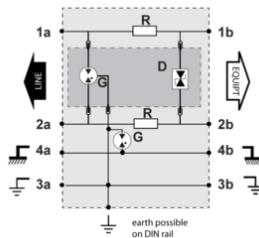
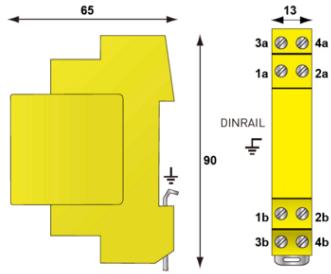
# 1-pair DIN rail plug-in Telecomsurge protector

**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



G: 3-electrode gas tube  
Gb: 2-electrode gas tube  
R: Resistor  
D: Clamping diode

#### Electrical Characteristics

|   |                        |
|---|------------------------|
| Network   | RTC, ADSL2, VDSL2      |
| 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)             | Up L/L < 750 V         |
| Max. capacitance  | C < 5 pF               |
| Impulse current 2 x 10/350µs Test - D1 Category         | I <sub>imp</sub> 5 kA  |
| Nominal discharge current C2 Category                   | I <sub>n</sub> 5 kA    |
| Line resistance   | 0 Ohm                  |

#### Mechanical Characteristics

|                                   |   |
|-----------------------------------|---|
| 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)                   | DLM-170G  |
| Dimensions                        | See diagram   |
| Standards                         |   |
| Standards compliance              | IEC 61643-21 / EN 61643-21                              |
| Part number                       | 640165  |

