



# CITEL

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

### DLA2-48D3



- ↳ Din rail plug-in surge protector
- ↳ 2-pair
- ↳ Un: 48 V
- ↳ Shield wire protection
- ↳ Without line cut-off
- ↳ IEC 61643-21 compliance
- ↳ UL497B



#### Electrical Characteristics

|   |        |                    |
|---|--------|--------------------|
| Network   |        | RNIS-T0, 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 max. withstand @ 8/20 µs by pole | Imax   | 20 kA              |
| Line inductance   |        | No                 |
| Protection level @ In (8/20 µs)                         | Up L/L | 70 V               |
| Impulse current 2 x 10/350µs Test - D1 Category         | limp   | 5 kA               |
| Nominal discharge current C2 Category                   | In     | 5 kA               |

#### Mechanical Characteristics

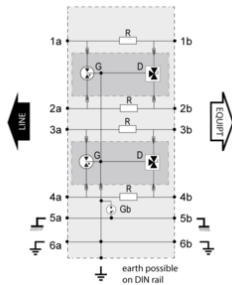
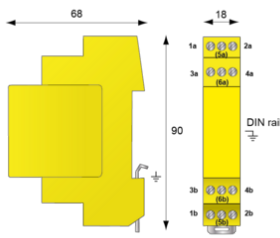
|                                   |  |   |
|-----------------------------------|--|---|
| Technology                        |  | GDT+Clamping diode                                      |
| SPD configuration                 |  | 2-pairs+shielded  |
| Connection to Network             |  | By screw terminal: 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)                   |  | DLA2M-48D3  |
| Dimensions                        |  | See diagram   |
| Weight                            |  | 0.089 kg  |

#### Standards

|                      |  |                                     |
|----------------------|--|-------------------------------------|
| Standards compliance |  | IEC 61643-21 / EN 61643-21 / UL497B |
| Certification        |  | UL Listed                           |

#### Part number

**640312**



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

