



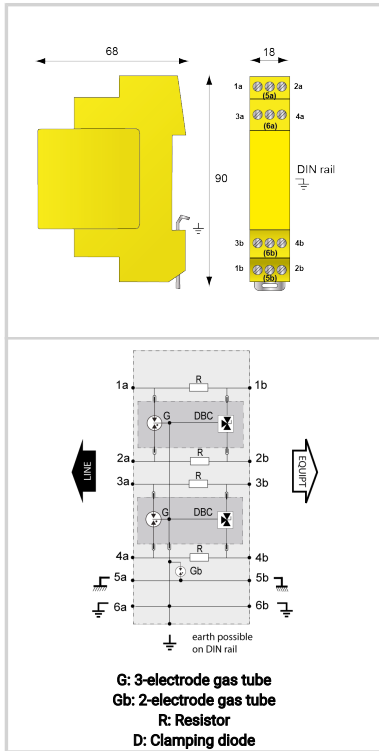
# CITEL

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

### DLA2-48DBC



- Discover our latest innovation : the [DLA2-48D3](#)
- Din rail plug-in surge protector
- 2-pair
- Un: 48 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance



| Electrical Characteristics  |                  |   |
|---|------------------|---|
| Network   |                  | Fipway, WorldFIP, FieldBus-h2                           |
| Nominal line voltage  | Un               | 48 V  |
| Max. DC operating voltage   | Uc               | 53 Vdc  |
| Max. frequency  | f max.           | 20 MHz  |
| Insertion loss  |                  | < 1 dB  |
| Max. load current @25°C   | IL               | 300 mA  |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole                  | I <sub>max</sub> | 20 kA   |
| Nominal discharge current<br>C2 Category                                    | I <sub>n</sub>   | 5 kA  |
| Protection Level<br>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)  | Up               | 75 V  |
| Protection Level<br>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth) | Up               | 650 V   |
| Max. capacitance  | C                | < 50 pF   |
| Impulse current<br>2 x 10/350μs Test - D1 Category                          | I <sub>imp</sub> | 5 kA  |
| Impulse current<br>D1 (10/350μs), 2 applications, X-C (Line/Earth)          | I <sub>imp</sub> | 5 kA  |
| Line resistance (± 10%)   |                  | 4.7 Ohm   |
| Mechanical Characteristics  |                  |   |
| Technology  |                  | GDT+TVS 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-48dBC   |
| Dimensions  |                  | See diagram   |
| Standards   |                  |   |
| Standards compliance  |                  | IEC 61643-21 / EN 61643-21                              |
| Environmental standards   |                  | EU RoHS   |
| Part number   |                  |   |
| <b>640314</b>   |                  |   |

