



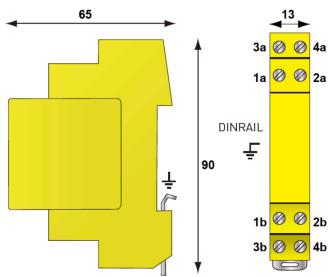
CITEL

1-pair DIN rail plug-in Data surge protector

DLAH-48DBC



- Pluggable surge protection for «DIN» mounting
- Coordination inductor
- Up to 2.4 A line current
- Remote supply version
- All types of Telephone and Data lines
- Shield wire protection
- 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 | 2.4 A |
| Max. discharge current max. withstand @ 8/20 µs by pole | I _{max} | 20 kA |
| Line inductance ($\pm 10\%$) | | 10 μ H |
| Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line) | Up | 75 V |
| Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth) | Up | 75 V |
| Impulse current 2 x 10/350µs Test - D1 Category | I _{imp} | 5 kA |
| Line/Line Nominal discharge current C2 Category | In L/L | 5 kA |
| Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category | In L/PE | 5 kA |
| Mechanical Characteristics | | |
| Technology | | GDT+TVS diode |
| SPD configuration | | 1-pair+shielded |
| Connection to Network | | By screw terminal: cross section 0.4-1.5mm ² |
| Format | | Plug-in DIN box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | T _u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit |
| Disconnection indicator | | Transmission interrupt - default mode 2 |
| Spare module(s) | | DLAHM-48DBC |
| Dimensions | | See diagram |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497B |
| Part number | | 641014 |

