

DLA2-12D3



- ✦ Din rail plug-in surge protector
- ✦ 2-pair
- ✦ Un: 12 V
- ✦ Shield wire protection
- ✦ Plug-out without line cut-off
- ✦ IEC 61643-21 compliance
- ✦ UL497B



| | <table border="1"> <thead> <tr> <th colspan="2">Electrical Characteristics</th> </tr> </thead> <tbody> <tr> <td>Network</td> <td>RS232, RS485</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un 12 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc 15 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max. > 3 MHz</td> </tr> <tr> <td>Max. load current @25°C</td> <td>IL 300 mA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 µs by pole</td> <td>Imax 20 kA</td> </tr> <tr> <td>Line inductance (± 10 %)</td> <td>non</td> </tr> <tr> <td>Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up 30 V</td> </tr> <tr> <td>Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up 20 V</td> </tr> <tr> <td>Impulse current 2 x 10/350µs Test - D1 Category</td> <td>Iimp 5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>In 5 kA</td> </tr> <tr> <td>Line resistance (± 10%)</td> <td>4.7 Ohm</td> </tr> </tbody> </table> | Electrical Characteristics | | Network | RS232, RS485 | Nominal line voltage | Un 12 V | Max. DC operating voltage | Uc 15 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 (± 10 %) | non | Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line) | Up 30 V | Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth) | Up 20 V | Impulse current 2 x 10/350µs Test - D1 Category | Iimp 5 kA | Nominal discharge current C2 Category | In 5 kA | Line resistance (± 10%) | 4.7 Ohm |
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| Electrical Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Network | RS232, RS485 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nominal line voltage | Un 12 V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. DC operating voltage | Uc 15 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 (± 10 %) | non | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line) | Up 30 V | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Line resistance (± 10%) | 4.7 Ohm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p> | <table border="1"> <thead> <tr> <th colspan="2">Mechanical Characteristics</th> </tr> </thead> <tbody> <tr> <td>Technology</td> <td>GDT+TVS diode</td> </tr> <tr> <td>SPD configuration</td> <td>2-pairs+shielded</td> </tr> <tr> <td>Connection to Network</td> <td>By screw terminal: cross section 0.5-2.5mm²</td> </tr> <tr> <td>Format</td> <td>Plug-in DIN box</td> </tr> <tr> <td>Mounting</td> <td>Symmetrical rail 35 mm (EN 60715)</td> </tr> <tr> <td>Housing material</td> <td>Thermoplastic UL94 V-0</td> </tr> <tr> <td>Operating and storage temperature</td> <td>-40/+85°C</td> </tr> <tr> <td>Protection rating</td> <td>IP20</td> </tr> <tr> <td>Failsafe mode</td> <td>Short-circuit</td> </tr> <tr> <td>Disconnection indicator</td> <td>Transmission interrupt - default mode 2</td> </tr> <tr> <td>Spare module(s)</td> <td>DLA2M-12D3</td> </tr> <tr> <td>Dimensions</td> <td>See diagram</td> </tr> </tbody> </table> | Mechanical Characteristics | | Technology | GDT+TVS diode | SPD configuration | 2-pairs+shielded | Connection to Network | By screw terminal: cross section 0.5-2.5mm ² | 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-12D3 | Dimensions | See diagram |
| Mechanical Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technology | GDT+TVS diode | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Protection rating | IP20 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Failsafe mode | Short-circuit | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disconnection indicator | Transmission interrupt - default mode 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spare module(s) | DLA2M-12D3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions | See diagram | | | | | | | | | | | | | | | | | | | | | | | | | | |
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