



- ✦ 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



	Electrical Characteristics																																				
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>RS232, RS485</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>12 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>15 Vdc</td> </tr> <tr> <td>Cut-off frequency -3dB, 100 ohm system</td> <td>f max.</td> <td>> 115 MHz</td> </tr> <tr> <td>Cut-off frequency -1dB, 100 ohm system</td> <td>f max.</td> <td>> 50 MHz</td> </tr> <tr> <td>Max. load current @25°C</td> <td>IL</td> <td>300 mA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td>Imax</td> <td>20 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>In</td> <td>5 kA</td> </tr> <tr> <td>Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up</td> <td>30 V</td> </tr> <tr> <td>Protection Level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up</td> <td>20 V</td> </tr> <tr> <td>Impulse current 2 x 10/350μs Test - D1 Category</td> <td>limp</td> <td>5 kA</td> </tr> <tr> <td>Line resistance (± 10%)</td> <td></td> <td>4.7 Ohm</td> </tr> </table>	Network		RS232, RS485	Nominal line voltage	Un	12 V	Max. DC operating voltage	Uc	15 Vdc	Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz	Cut-off frequency -1dB, 100 ohm system	f max.	> 50 MHz	Max. load current @25°C	IL	300 mA	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Nominal discharge current C2 Category	In	5 kA	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	limp	5 kA	Line resistance (± 10%)		4.7 Ohm
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