



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



	<b>Electrical Characteristics</b>																																								
<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>RS422, RS485</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>6 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>8 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>&gt; 50 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>&lt; 0.1 dB</td></tr> <tr><td>Max. load current @25°C</td><td>IL</td><td>600 mA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>I<sub>max</sub></td><td>20 kA</td></tr> <tr><td>Line inductance (± 10 %)</td><td></td><td>non</td></tr> <tr><td>Protection level @ In (8/20 μs)</td><td>Up L/L</td><td>30 V</td></tr> <tr><td>Protection level @ In (8/20 μs)</td><td>Up L/PE</td><td>650 V</td></tr> <tr><td>Impulse current 2 x 10/350 μs Test - D1 Category</td><td>I<sub>imp</sub></td><td>5 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td>I<sub>n</sub></td><td>10 kA</td></tr> <tr><td>Line resistance (± 10%)</td><td></td><td>2 Ohm</td></tr> </table>		Network		RS422, RS485	Nominal line voltage	Un	6 V	Max. DC operating voltage	Uc	8 Vdc	Max. frequency	f max.	> 50 MHz	Insertion loss		< 0.1 dB	Max. load current @25°C	IL	600 mA	Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	20 kA	Line inductance (± 10 %)		non	Protection level @ In (8/20 μs)	Up L/L	30 V	Protection level @ In (8/20 μs)	Up L/PE	650 V	Impulse current 2 x 10/350 μs Test - D1 Category	I <sub>imp</sub>	5 kA	Nominal discharge current C2 Category	I <sub>n</sub>	10 kA	Line resistance (± 10%)		2 Ohm
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