

DLA-170



- ✦ 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



	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>RTC, ADSL2, VDSL2</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>150 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>170 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>> 10 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>< 1 dB</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>Line inductance (± 10 %)</td><td></td><td>non</td></tr> <tr><td>Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td><td>Up</td><td>220 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>Iimp</td><td>5 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td>In</td><td>5 kA</td></tr> <tr><td>Max. Load current</td><td>IL</td><td>300 mA</td></tr> <tr><td>Line resistance (± 10%)</td><td></td><td>4.7 Ohm</td></tr> </table>		Network		RTC, ADSL2, VDSL2	Nominal line voltage	Un	150 V	Max. DC operating voltage	Uc	170 Vdc	Max. frequency	f max.	> 10 MHz	Insertion loss		< 1 dB	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	220 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	Max. Load current	IL	300 mA	Line resistance (± 10%)		4.7 Ohm
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