



# 1-pair DIN rail plug-in Telecomsurge protector

# CITEL

## 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



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<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>&gt; 10 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>&lt; 1 dB</td></tr> <tr><td>Max. discharge current <i>max. withstand @ 8/20 μs by pole</i></td><td>Imax</td><td>20 kA</td></tr> <tr><td>Line inductance</td><td></td><td>No</td></tr> <tr><td>Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i></td><td>Up</td><td>220 V</td></tr> <tr><td>Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i></td><td>Up</td><td>20 V</td></tr> <tr><td>Impulse current <i>2 x 10/350μs Test - D1 Category</i></td><td>Iimp</td><td>5 kA</td></tr> <tr><td>Nominal discharge current <i>C2 Category</i></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</td><td></td><td>&lt; 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 <i>max. withstand @ 8/20 μs by pole</i>	Imax	20 kA	Line inductance		No	Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up	220 V	Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i>	Up	20 V	Impulse current <i>2 x 10/350μs Test - D1 Category</i>	Iimp	5 kA	Nominal discharge current <i>C2 Category</i>	In	5 kA	Max. Load current	IL	300 mA	Line resistance		< 4.7 Ohm
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