



1-pair DIN rail plug-in Telecomsurge protector

CITEL

DLA-170G



- 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>100 Mhz</td></tr> <tr><td>Insertion loss</td><td></td><td>< 1 dB</td></tr> <tr><td>Max. load current @25°C</td><td>IL</td><td>2.4 A</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>Protection level @ In (8/20 μs)</td><td>Up L/L</td><td>< 750 V</td></tr> <tr><td>Max. capacitance</td><td>C</td><td>< 5 pF</td></tr> <tr><td>Impulse current 2 x 10/350 μs 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>Line resistance</td><td></td><td>< 0.05 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.	100 Mhz	Insertion loss		< 1 dB	Max. load current @25°C	IL	2.4 A	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Protection level @ In (8/20 μs)	Up L/L	< 750 V	Max. capacitance	C	< 5 pF	Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	5 kA	Nominal discharge current C2 Category	In	5 kA	Line resistance		< 0.05 Ohm
Network		RTC, ADSL2, VDSL2																																				
Nominal line voltage	Un	150 V																																				
Max. DC operating voltage	Uc	170 Vdc																																				
Max. frequency	f max.	100 Mhz																																				
Insertion loss		< 1 dB																																				
Max. load current @25°C	IL	2.4 A																																				
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA																																				
Protection level @ In (8/20 μs)	Up L/L	< 750 V																																				
Max. capacitance	C	< 5 pF																																				
Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	5 kA																																				
Nominal discharge current C2 Category	In	5 kA																																				
Line resistance		< 0.05 Ohm																																				
Mechanical Characteristics																																						
<table border="1"> <tr><td>Technology</td><td>GDT+Clamping diode</td></tr> <tr><td>SPD configuration</td><td>1-pair+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>DLAM-170G</td></tr> <tr><td>Dimensions</td><td>See diagram</td></tr> </table>		Technology	GDT+Clamping diode	SPD configuration	1-pair+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)	DLAM-170G	Dimensions	See diagram	<table border="1"> <tr><td>Standards compliance</td><td>IEC 61643-21 / EN 61643-21</td></tr> <tr><td>Part number</td><td>640165</td></tr> </table>	Standards compliance	IEC 61643-21 / EN 61643-21	Part number	640165								
Technology	GDT+Clamping diode																																					
SPD configuration	1-pair+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)	DLAM-170G																																					
Dimensions	See diagram																																					
Standards compliance	IEC 61643-21 / EN 61643-21																																					
Part number	640165																																					
Standards																																						
Standards compliance		IEC 61643-21 / EN 61643-21																																				
Part number		640165																																				

