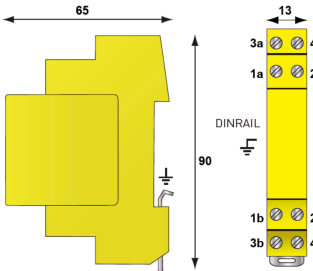
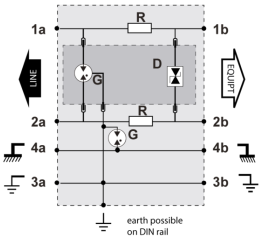


DLA-170G



- ✔ 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 C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up</td> <td>< 750 V</td> </tr> <tr> <td>Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up</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 10/350µs 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>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 C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	< 750 V	Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	< 750 V	Max. capacitance	C	< 5 pF	Impulse current 2 x 10/350µs 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 C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	< 750 V																																							
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	< 750 V																																							
Max. capacitance	C	< 5 pF																																							
Impulse current 2 x 10/350µs 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></td> <td>GDT+TVS diode</td> </tr> <tr> <td>SPD configuration</td> <td></td> <td>1-pair+shielded</td> </tr> <tr> <td>Connection to Network</td> <td></td> <td>By screw terminal: cross section 0.5-2.5mm²</td> </tr> <tr> <td>Format</td> <td></td> <td>Plug-in DIN box</td> </tr> <tr> <td>Mounting</td> <td></td> <td>Symmetrical rail 35 mm (EN 60715)</td> </tr> <tr> <td>Housing material</td> <td></td> <td>Thermoplastic UL94 V-0</td> </tr> <tr> <td>Operating and storage temperature</td> <td></td> <td>-40/+85°C</td> </tr> <tr> <td>Protection rating</td> <td></td> <td>IP20</td> </tr> <tr> <td>Failsafe mode</td> <td></td> <td>Short-circuit</td> </tr> <tr> <td>Disconnection indicator</td> <td></td> <td>Transmission interrupt - default mode 2</td> </tr> <tr> <td>Spare module(s)</td> <td></td> <td>DLAM-170G</td> </tr> <tr> <td>Dimensions</td> <td></td> <td>See diagram</td> </tr> </table>			Technology		GDT+TVS 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			
Technology		GDT+TVS 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																																									
Standards compliance		IEC 61643-21 / EN 61643-21																																							
Part number																																									
640165																																									