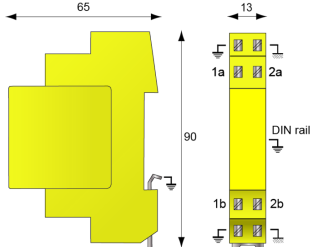
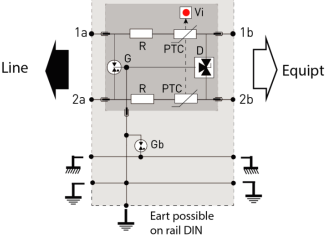


DLAWS1-48D3/R



- ✦ 1-pair Surge protection
- ✦ Pluggable protection module
- ✦ Optical fault indication
- ✦ Indirect shield connection
- ✦ Visual indicator in failsafe behaviour
- ✦ Indirect earthing
- ✦ Current circuit disconnection when module is unplugged
- ✦ Conforms to IEC 61643-21, VDE 0845-3-1 and UL497B



	Electrical Characteristics																																											
 <p>G: 3-electrode gas tube Gb: 2-electrode gas tube PTC: Thermal resistor R: Resistor D : Clamping diode Vi : Indicator</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>RNIS-T0, 48 V line</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>48 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>53 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>> 3 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>I_{max}</td> <td>20 kA</td> </tr> <tr> <td>Protection mode(s)</td> <td></td> <td>Common/Differential mode</td> </tr> <tr> <td>Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up</td> <td>70 V</td> </tr> <tr> <td>Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up</td> <td>70 V</td> </tr> <tr> <td>Impulse current 2 x 10/350μs Test - D1 Category</td> <td>I_{imp}</td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>I_n</td> <td>5 kA</td> </tr> <tr> <td>Line/Line Nominal discharge current C2 Category</td> <td>I_n L/L</td> <td>5 kA</td> </tr> <tr> <td>Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category</td> <td>I_n L/PE</td> <td>5 kA</td> </tr> <tr> <td>Line resistance (± 10%)</td> <td></td> <td>4.7 Ohm</td> </tr> </table>		Network		RNIS-T0, 48 V line	Nominal line voltage	Un	48 V	Max. DC operating voltage	Uc	53 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA	Protection mode(s)		Common/Differential mode	Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)	Up	70 V	Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up	70 V	Impulse current 2 x 10/350μs Test - D1 Category	I _{imp}	5 kA	Nominal discharge current C2 Category	I _n	5 kA	Line/Line Nominal discharge current C2 Category	I _n L/L	5 kA	Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	I _n L/PE	5 kA	Line resistance (± 10%)		4.7 Ohm
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