



- ✦ 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: Low Capacity Diode</p>	<table border="1"> <tr> <td>Network</td> <td colspan="2">Fipway, WorldFIP, FieldBus-h2</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>24 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>28 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>20 MHz</td> </tr> <tr> <td>Insertion loss</td> <td colspan="2">< 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 Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up</td> <td>50 V</td> </tr> <tr> <td>Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up</td> <td>50 V</td> </tr> <tr> <td>Max. capacitance</td> <td>C</td> <td>< 50 pF</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>I_n</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 colspan="2">4.7 Ohm</td> </tr> </table>		Network	Fipway, WorldFIP, FieldBus-h2		Nominal line voltage	Un	24 V	Max. DC operating voltage	Uc	28 Vdc	Max. frequency	f max.	20 MHz	Insertion loss	< 1 dB		Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA	Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)	Up	50 V	Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up	50 V	Max. capacitance	C	< 50 pF	Nominal discharge current C2 Category	I _n	5 kA	Max. Load current	IL	300 mA	Line resistance (± 10%)	4.7 Ohm	
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