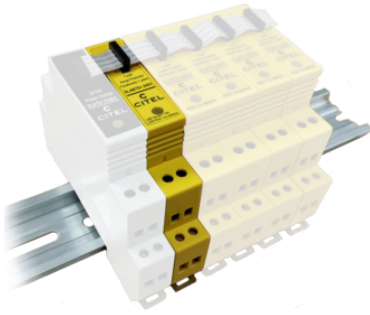




DLAWTS1-24D3



- Surge protection for 1-pair
- Pluggable protection module
- Optical fault indication
- Remote signalling (DLAWTS1-48DC required for power supply)
- Indirect shield connection
- Indirect earthing
- Signal interruption when module is disconnected
- Conforms to IEC 61643-21, VDE 0845-3-1 and UL497A



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<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>4-20 mA</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>24 V</td></tr> <tr><td>Max. AC operating voltage</td><td>Uc</td><td>20 Vac</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>> 3 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>300 mA</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>Line inductance</td><td></td><td>No</td></tr> <tr><td>Protection mode(s)</td><td></td><td>Common/Differential mode</td></tr> <tr><td>Protection level</td><td></td><td></td></tr> <tr><td colspan="3">Following the test category C3 (IEC61643-21) - Line/Line</td></tr> <tr><td>Max. capacitance</td><td>C</td><td>< 50 pF</td></tr> <tr><td>Impulse current</td><td>I_{imp}</td><td>5 kA</td></tr> <tr><td colspan="3">2 x 10/350μs Test - D1 Category</td></tr> <tr><td>Nominal discharge current</td><td>I_n</td><td>5 kA</td></tr> <tr><td colspan="3">C2 Category</td></tr> <tr><td>Line/Line Nominal discharge current</td><td>I_n L/L</td><td>5 kA</td></tr> <tr><td colspan="3">C2 Category</td></tr> <tr><td>Nominal Discharge Current, X-C (Line/Earth)</td><td>I_n L/PE</td><td>5 kA</td></tr> <tr><td colspan="3">8/20μs Test x 10 - C2 Category</td></tr> </table>		Network		4-20 mA	Nominal line voltage	Un	24 V	Max. AC operating voltage	Uc	20 Vac	Max. DC operating voltage	Uc	28 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	IL	300 mA	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA	Line inductance		No	Protection mode(s)		Common/Differential mode	Protection level			Following the test category C3 (IEC61643-21) - Line/Line			Max. capacitance	C	< 50 pF	Impulse current	I _{imp}	5 kA	2 x 10/350μs Test - D1 Category			Nominal discharge current	I _n	5 kA	C2 Category			Line/Line Nominal discharge current	I _n L/L	5 kA	C2 Category			Nominal Discharge Current, X-C (Line/Earth)	I _n L/PE	5 kA	8/20μs Test x 10 - C2 Category		
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