



CITEL

Outdoor gigabit POE-A surge protector

CMJ8-POE-A-C5E



- Discover our latest innovation : the [CWMJ8-POE-C6A](#)
- POE ++ compatible surge protector
- Category 5E compatible
- Shielded RJ45 connectors
- Outdoor application: IP65
- Metal enclosure
- Compliant with IEC 61643-21, NF EN 61643-21
- UL497B certified



	Electrical Characteristics																																								
<p>P: 3-electrode GDT DBC: Low capacitance diode</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>Gigabit Ethernet (Cat.5E)</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>48 Vdc</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>60 Vdc - 650 mA</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>250 MHz</td> </tr> <tr> <td>Max. data rate</td> <td></td> <td>10/100/1000 Mbps</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>1200 mA</td> </tr> <tr> <td>Protection level @ In (8/20 μs)</td> <td>Up L/L</td> <td>70 V</td> </tr> <tr> <td>Impulse current 2 x 10/350μs Test - D1 Category</td> <td>Iimp</td> <td>500 A</td> </tr> <tr> <td>Line/Line Nominal discharge current C2 Category</td> <td>In L/L</td> <td>500 A</td> </tr> <tr> <td>Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category</td> <td>In L/PE</td> <td>2000 A</td> </tr> </table>		Network		Gigabit Ethernet (Cat.5E)	Nominal line voltage	Un	48 Vdc	Max. DC operating voltage	Uc	60 Vdc - 650 mA	Max. frequency	f max.	250 MHz	Max. data rate		10/100/1000 Mbps	Insertion loss		< 1 dB	Max. load current @25°C	IL	1200 mA	Protection level @ In (8/20 μs)	Up L/L	70 V	Impulse current 2 x 10/350μs Test - D1 Category	Iimp	500 A	Line/Line Nominal discharge current C2 Category	In L/L	500 A	Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	In L/PE	2000 A						
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