



- ↳ Cat.6a Ethernet Surge Protector
- ↳ Hybrid GDT and Diode Technology
- ↳ 10/100/1000Mbps Compatible
- ↳ Bi-Directional Protection
- ↳ 16kA Max. Surge Current Rating
- ↳ DIN Rail, Screw Lug, and Flange Mounting
- ↳ UL497B Listed



	Electrical Characteristics																																																				
<p>G: 3-electrode GDT DBC: 3-pole Low capacitance diode</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>10Gigabit Ethernet - Cat 6A cabling specification</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>8 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>500 MHz</td> </tr> <tr> <td>Max. data rate</td> <td></td> <td>10 Gbps</td> </tr> <tr> <td>Insertion loss</td> <td></td> <td>< 1 dB</td> </tr> <tr> <td>Impulse current <i>2 x 10/350µs Test - D1 Category</i></td> <td>Iimp</td> <td>500 A</td> </tr> <tr> <td>Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i></td> <td>In L/PE</td> <td>2000 A</td> </tr> <tr> <td>NOMINAL DC LINE VOLTAGE</td> <td>Vdc</td> <td>5</td> </tr> <tr> <td>MAX. DC LINE VOLTAGE</td> <td>Vdc</td> <td>8</td> </tr> <tr> <td>WIRES</td> <td></td> <td>8W+Shield+Ground</td> </tr> <tr> <td>LINE CURRENT MAX</td> <td>(A)</td> <td>1</td> </tr> <tr> <td>AMBIENT MIN</td> <td>(C)</td> <td>-40</td> </tr> <tr> <td>AMBIENT MAX</td> <td>(C)</td> <td>+85</td> </tr> <tr> <td>PROTECTION LEVEL</td> <td>(V)</td> <td>20</td> </tr> <tr> <td>IMAX <i>8/20µs</i></td> <td>(kA)</td> <td>16</td> </tr> <tr> <td>MAX. DATA RATE</td> <td>Gbps</td> <td>10</td> </tr> <tr> <td>MAX. FREQUENCY</td> <td>Mhz</td> <td>500</td> </tr> </table>		Network		10Gigabit Ethernet - Cat 6A cabling specification	Max. DC operating voltage	Uc	8 Vdc	Max. frequency	f max.	500 MHz	Max. data rate		10 Gbps	Insertion loss		< 1 dB	Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	500 A	Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In L/PE	2000 A	NOMINAL DC LINE VOLTAGE	Vdc	5	MAX. DC LINE VOLTAGE	Vdc	8	WIRES		8W+Shield+Ground	LINE CURRENT MAX	(A)	1	AMBIENT MIN	(C)	-40	AMBIENT MAX	(C)	+85	PROTECTION LEVEL	(V)	20	IMAX <i>8/20µs</i>	(kA)	16	MAX. DATA RATE	Gbps	10	MAX. FREQUENCY	Mhz	500
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