



CITEL

DLAH-06D3



- ✦ Überspannungsschutz für 1 Doppelader
- ✦ Austauschbares Schutzmodul
- ✦ Schirmanschluss/schutz möglich
- ✦ Keine Stromkreistrengung bei gezogenem Modul
- ✦ Konform zur EN 61643-21
- ✦ Zugelassen nach UL497B



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|---|--|--------------|------------------------|---|--------------|-----------------------|-----------------------|-----|--------------------------|--|-------|---|--|-----------|---|------------------|---------|----------------------|------------------------|-------|----------------------|------|-----------|--------------------------------------|------|--|-----------------------------|-------------|-------|--|-------------------------------|------|---|------------|------|--|---------------|------|--|--------|------|--|---------|------|
| | ELEKTRISCHE EIGENSCHAFTEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>G: 3-electrode gas tube Gb: 2-electrode gas tube L: Inductor D: Clamping diode</p> | <table border="1"> <tr> <td>Anwendung z.B. 230/400</td> <td></td> <td>RS422, RS485</td> </tr> <tr> <td>Nennspannung</td> <td>Un</td> <td>6 V</td> </tr> <tr> <td>Höchste Dauerspannung DC</td> <td>Uc</td> <td>8 Vdc</td> </tr> <tr> <td>max. Frequenzbereich -3dB, 100-Ohm-System</td> <td>f max.</td> <td>> 1.8 MHz</td> </tr> <tr> <td>max. Frequenzbereich -1dB, 100-Ohm-System</td> <td>f max.</td> <td>> 1 MHz</td> </tr> <tr> <td>max. Laststrom @25°C</td> <td>IL</td> <td>2.4 A</td> </tr> <tr> <td>max. Ableitstoßstrom</td> <td>Imax</td> <td>20 kA</td> </tr> <tr> <td>max. Ableitfähigkeit 8/20 µs pro Pol</td> <td></td> <td></td> </tr> <tr> <td>Serieninduktivität (± 10 %)</td> <td></td> <td>10 µH</td> </tr> <tr> <td>C3 Schutzpegel L/L C3 (10/1000µs), 300 Impulse @10 A, (Ader/Ader)</td> <td>Up</td> <td>20 V</td> </tr> <tr> <td>C3 Schutzpegel L/PE C3 (10/1000µs), 300 Impulse @10 A, (Ader/Erde)</td> <td>Up</td> <td>20 V</td> </tr> <tr> <td>D1 Blitzstoßstrom 2x 10/350 µs Impuls</td> <td>Iimp</td> <td>5 kA</td> </tr> <tr> <td>C2 Nennableitstoßstrom Ader/Ader 10 x 8/20 µs Impulse</td> <td>In L/L</td> <td>5 kA</td> </tr> <tr> <td>C2 Nennableitstoßstrom Ader/Erde 10 x 8/20 µs Impulse</td> <td>In L/PE</td> <td>5 kA</td> </tr> </table> | | Anwendung z.B. 230/400 | | RS422, RS485 | Nennspannung | Un | 6 V | Höchste Dauerspannung DC | Uc | 8 Vdc | max. Frequenzbereich -3dB, 100-Ohm-System | f max. | > 1.8 MHz | max. Frequenzbereich -1dB, 100-Ohm-System | f max. | > 1 MHz | max. Laststrom @25°C | IL | 2.4 A | max. Ableitstoßstrom | Imax | 20 kA | max. Ableitfähigkeit 8/20 µs pro Pol | | | Serieninduktivität (± 10 %) | | 10 µH | C3 Schutzpegel L/L C3 (10/1000µs), 300 Impulse @10 A, (Ader/Ader) | Up | 20 V | C3 Schutzpegel L/PE C3 (10/1000µs), 300 Impulse @10 A, (Ader/Erde) | Up | 20 V | D1 Blitzstoßstrom 2x 10/350 µs Impuls | Iimp | 5 kA | C2 Nennableitstoßstrom Ader/Ader 10 x 8/20 µs Impulse | In L/L | 5 kA | C2 Nennableitstoßstrom Ader/Erde 10 x 8/20 µs Impulse | In L/PE | 5 kA |
| Anwendung z.B. 230/400 | | RS422, RS485 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nennspannung | Un | 6 V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Höchste Dauerspannung DC | Uc | 8 Vdc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| max. Frequenzbereich -3dB, 100-Ohm-System | f max. | > 1.8 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| max. Frequenzbereich -1dB, 100-Ohm-System | f max. | > 1 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| max. Laststrom @25°C | IL | 2.4 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| max. Ableitstoßstrom | Imax | 20 kA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| max. Ableitfähigkeit 8/20 µs pro Pol | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serieninduktivität (± 10 %) | | 10 µH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3 Schutzpegel L/L C3 (10/1000µs), 300 Impulse @10 A, (Ader/Ader) | Up | 20 V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3 Schutzpegel L/PE C3 (10/1000µs), 300 Impulse @10 A, (Ader/Erde) | Up | 20 V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 Blitzstoßstrom 2x 10/350 µs Impuls | Iimp | 5 kA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2 Nennableitstoßstrom Ader/Ader 10 x 8/20 µs Impulse | In L/L | 5 kA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2 Nennableitstoßstrom Ader/Erde 10 x 8/20 µs Impulse | In L/PE | 5 kA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MECHANISCHE EIGENSCHAFTEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Technologie</td> <td colspan="2">GDT+ kapazitätsarmes Diodennetzwerk</td> </tr> <tr> <td>Ableiterkonfiguration</td> <td colspan="2">1 Doppelader + Schirm</td> </tr> <tr> <td>Anschlussart</td> <td colspan="2">Anschluss der Adern, Schirmung und Erde über Fahrstuhlklemmen 0.4-1.5 mm²; Erdung über Hutschiene möglich</td> </tr> <tr> <td>Bauart</td> <td colspan="2">Steckbare modulare Bauweise für Hutschiene</td> </tr> <tr> <td>Montage auf</td> <td colspan="2">35 mm Hutschiene</td> </tr> <tr> <td>Gehäusewerkstoff</td> <td colspan="2">Thermoplastik UL94 V-0</td> </tr> <tr> <td>Temperaturbereich</td> <td>Tu</td> <td>-40/+85°C</td> </tr> <tr> <td>Schutzart</td> <td colspan="2">IP20</td> </tr> <tr> <td>Ausfallverhalten</td> <td colspan="2">Kurzschluss</td> </tr> <tr> <td>Fehlersignalisierung</td> <td colspan="2">Unterbrechung der Übertragung</td> </tr> <tr> <td>Ersatzmodul</td> <td colspan="2">DLAHM-06D3</td> </tr> <tr> <td>Einbaumaße</td> <td colspan="2">Siehe Maßbild</td> </tr> </table> | | | Technologie | GDT+ kapazitätsarmes Diodennetzwerk | | Ableiterkonfiguration | 1 Doppelader + Schirm | | Anschlussart | Anschluss der Adern, Schirmung und Erde über Fahrstuhlklemmen 0.4-1.5 mm ² ; Erdung über Hutschiene möglich | | Bauart | Steckbare modulare Bauweise für Hutschiene | | Montage auf | 35 mm Hutschiene | | Gehäusewerkstoff | Thermoplastik UL94 V-0 | | Temperaturbereich | Tu | -40/+85°C | Schutzart | IP20 | | Ausfallverhalten | Kurzschluss | | Fehlersignalisierung | Unterbrechung der Übertragung | | Ersatzmodul | DLAHM-06D3 | | Einbaumaße | Siehe Maßbild | | | | | | | |
| Technologie | GDT+ kapazitätsarmes Diodennetzwerk | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ableiterkonfiguration | 1 Doppelader + Schirm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anschlussart | Anschluss der Adern, Schirmung und Erde über Fahrstuhlklemmen 0.4-1.5 mm ² ; Erdung über Hutschiene möglich | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bauart | Steckbare modulare Bauweise für Hutschiene | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Gehäusewerkstoff | Thermoplastik UL94 V-0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperaturbereich | Tu | -40/+85°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schutzart | IP20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ausfallverhalten | Kurzschluss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fehlersignalisierung | Unterbrechung der Übertragung | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ersatzmodul | DLAHM-06D3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Einbaumaße | Siehe Maßbild | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORMEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Normkonform nach</td> <td colspan="2">IEC 61643-21 / DIN EN 61643-21 / UL497B</td> </tr> <tr> <td>Zulassungen</td> <td colspan="2">UL Listed</td> </tr> </table> | | | Normkonform nach | IEC 61643-21 / DIN EN 61643-21 / UL497B | | Zulassungen | UL Listed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Artikel Nummer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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