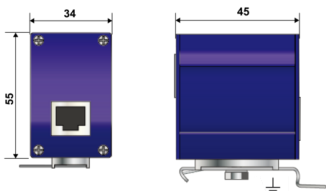
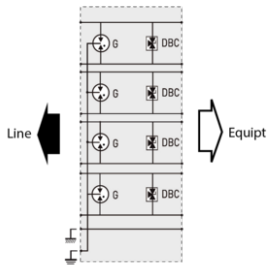


MJ8-POE-A



- POE++ Mode A compatible Surge Protector
- Cat. 5e compatible
- Shielded RJ45 connectors
- 16 kA maximum surge discharge capability
- Max Transmission up to 1Gbps
- Max Bandwidth up to 100 MHz
- UL497B



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------|----------------|-------------|---------|---|-----------------|----------------|-------------------------|-----------|--------------------------------------|-------------------------|---------------|------------|-------------|--|------------------|------------------|-----|-----|--------------|-----|-----|-------------|-----|-----|-------------|-----|-----|------------------|-----|----|------------|------|----|----------------|------|---|----------------|-----|-----|
|  | Electrical Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <p data-bbox="220 1137 416 1178">P: 3-electrode GDT DBC: Low capacitance diode</p> | <table border="1"> <tbody> <tr> <td>Insertion loss</td> <td></td> <td>< 1 dB</td> </tr> <tr> <td>Impulse current 2 x 10/350µs Test - D1 Category</td> <td>limp</td> <td>500 A</td> </tr> <tr> <td>NOMINAL DC LINE VOLTAGE</td> <td>Vdc</td> <td>48</td> </tr> <tr> <td>MAX. DC LINE VOLTAGE</td> <td>Vdc</td> <td>60</td> </tr> <tr> <td>WIRES</td> <td></td> <td>8W+Shield+Ground</td> </tr> <tr> <td>LINE CURRENT MAX</td> <td>(A)</td> <td>1.6</td> </tr> <tr> <td>POWER RATING</td> <td>(W)</td> <td>100</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>70</td> </tr> <tr> <td>IMAX8/20µs</td> <td>(kA)</td> <td>16</td> </tr> <tr> <td>MAX. DATA RATE</td> <td>Gbps</td> <td>1</td> </tr> <tr> <td>MAX. FREQUENCY</td> <td>Mhz</td> <td>100</td> </tr> </tbody> </table> | | Insertion loss | | < 1 dB | Impulse current 2 x 10/350µs Test - D1 Category | limp | 500 A | NOMINAL DC LINE VOLTAGE | Vdc | 48 | MAX. DC LINE VOLTAGE | Vdc | 60 | WIRES | | 8W+Shield+Ground | LINE CURRENT MAX | (A) | 1.6 | POWER RATING | (W) | 100 | AMBIENT MIN | (C) | -40 | AMBIENT MAX | (C) | +85 | PROTECTION LEVEL | (V) | 70 | IMAX8/20µs | (kA) | 16 | MAX. DATA RATE | Gbps | 1 | MAX. FREQUENCY | Mhz | 100 |
| Insertion loss | | < 1 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impulse current 2 x 10/350µs Test - D1 Category | limp | 500 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOMINAL DC LINE VOLTAGE | Vdc | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX. DC LINE VOLTAGE | Vdc | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WIRES | | 8W+Shield+Ground | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LINE CURRENT MAX | (A) | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POWER RATING | (W) | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBIENT MIN | (C) | -40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBIENT MAX | (C) | +85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROTECTION LEVEL | (V) | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IMAX8/20µs | (kA) | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX. DATA RATE | Gbps | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX. FREQUENCY | Mhz | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tbody> <tr> <td>Weight</td> <td>0.120 kg</td> </tr> <tr> <td>TECHNOLOGY</td> <td>SAD-GDT</td> </tr> <tr> <td>NETWORK CONFIGURATION</td> <td>Single POE Line</td> </tr> <tr> <td>CONNECTOR TYPE</td> <td>Shielded RJ45</td> </tr> <tr> <td>PIN OUT</td> <td>[1-2][3-6][4-5][7-8]</td> </tr> <tr> <td>NEMA RATING (IP RATING)</td> <td>NEMA 2 (IP20)</td> </tr> <tr> <td>DIMENSIONS</td> <td>See diagram</td> </tr> </tbody> </table> | | Weight | 0.120 kg | TECHNOLOGY | SAD-GDT | NETWORK CONFIGURATION | Single POE Line | CONNECTOR TYPE | Shielded RJ45 | PIN OUT | [1-2][3-6][4-5][7-8] | NEMA RATING (IP RATING) | NEMA 2 (IP20) | DIMENSIONS | See diagram | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight | 0.120 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TECHNOLOGY | SAD-GDT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NETWORK CONFIGURATION | Single POE Line | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIN OUT | [1-2][3-6][4-5][7-8] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEMA RATING (IP RATING) | NEMA 2 (IP20) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIMENSIONS | See diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standards | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tbody> <tr> <td>Certification</td> <td>UL 497B</td> </tr> <tr> <td>UL STANDARD</td> <td>UL497B</td> </tr> <tr> <td>UL CATEGORY</td> <td>QVGQ</td> </tr> <tr> <td>UL FILE NUMBER</td> <td>E184939</td> </tr> <tr> <td>STANDARDS</td> <td>NOM-003-SCFI-2014, NOM-001-SCFI-1993</td> </tr> <tr> <td>ENVIRONMENTAL STANDARDS</td> <td>ROHS</td> </tr> </tbody> </table> | | Certification | UL 497B | UL STANDARD | UL497B | UL CATEGORY | QVGQ | UL FILE NUMBER | E184939 | STANDARDS | NOM-003-SCFI-2014, NOM-001-SCFI-1993 | ENVIRONMENTAL STANDARDS | ROHS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Certification | UL 497B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UL STANDARD | UL497B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UL CATEGORY | QVGQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| STANDARDS | NOM-003-SCFI-2014, NOM-001-SCFI-1993 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENVIRONMENTAL STANDARDS | ROHS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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