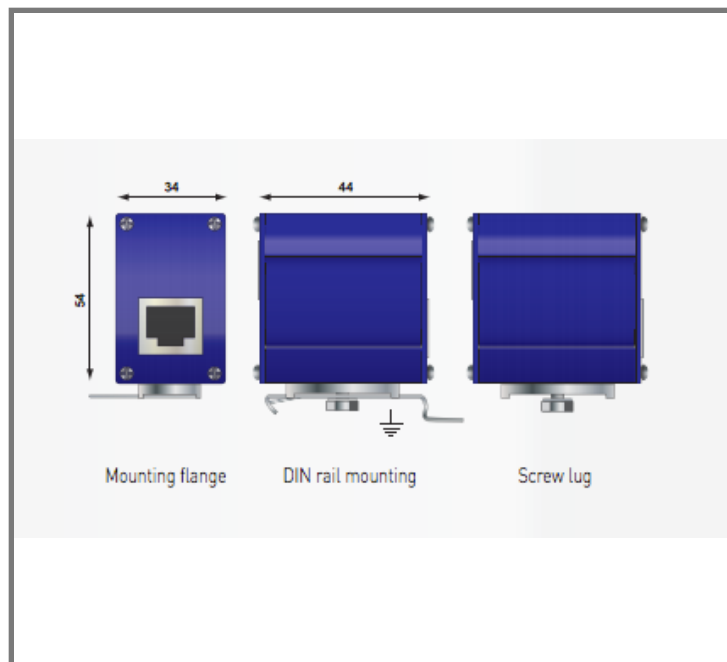


# MCG Surge Protection - Data Line

DLP MODELS:  
DLP-XXX-GB Series

## PoE / Ethernet Surge Protection

- Power Over Ethernet Surge Protection
- Hybrid GDT and Diode Technology
- 10/100/1000 Mbps and Gigabit Compatible
- Bi-Directional Protection
- Shielded Enclosure and Connectors
- DIN Rail Screw Lug and Flange Mount
- 20 Year Warranty



## Specifications

|                                       | DLP-C5E-GB   | DLP-POE-A-GB   | DLP-POE-B-GB   |
|---------------------------------------|--|--|--|
| <b>Application</b>                    | Gigabit Ethernet Networks (Non-PoE)  | PoE and Gigabit Ethernet Networks  | PoE and Gigabit Ethernet Networks  |
| <b>Maximum Data Rate</b>              | 1000Mbps   | 1000Mbps   | 1000Mbps   |
| <b>Maximum DC Power Supply</b>        | 8 Vdc - 600mA  | 60 Vdc - 650mA   | 7.5Vdc [1,2,3,6] - 650mA<br>60Vdc [4,5,7,8] - 650mA                              |
| <b>Pin Outs</b>                       | [1-2][3-6]<br>[4-5][7-8]   | [1-2][3-6]<br>[4-5][7-8]   | [1-2][3-6]<br>[4-5][7-8]   |
| <b>Normal Line Discharge Currents</b> | Line/Line - <500A at 8/20 $\mu$ s<br>Line/Ground per line- 2000A at 8/20 $\mu$ s | Line/Line - <500A at 8/20 $\mu$ s<br>Line/Ground per line- 2000A at 8/20 $\mu$ s | Line/Line - <500A at 8/20 $\mu$ s<br>Line/Ground per line- 2000A at 8/20 $\mu$ s |
| <b>Connections</b>                    | Input - RJ45 Shielded<br>Output - RJ45 Shielded                                  | Input - RJ45 Shielded<br>Output - RJ45 Shielded                                  | Input - RJ45 Shielded<br>Output - RJ45 Shielded                                  |
| <b>Pinout</b>                         | 8 wires + shielding  | 8 wires + shielding  | 8 wires + shielding  |
| <b>Enclosure</b>                      | Metal  | Metal  | Metal  |
| <b>Ground Connection</b>              | Screw lug, DIN rail Clip or mounting flange                                      | Screw lug, DIN rail Clip or mounting flange                                      | Screw lug, DIN rail Clip or mounting flange                                      |
| <b>Standard Compliance</b>            | IEEE 802-3af, IEC 61000-4-5  | IEEE 802-3af, IEC 61000-4-5  | IEEE 802-3af, IEC 61000-4-5  |