

MCG Surge Protection - Data Line

Outdoor PoE Surge Protection

- Outdoor Power Over Ethernet Surge Protection
- IP Rated Enclosures
- Hybrid GDT and Diode Technology
- Supports up to 1Gb/s Data Transmission Speeds
- Bi-Directional Protection
- High Speed POE
- Shielded Connectors
- 20 Year Warranty



Specifications

Board Type		POE-A-C5	POE-B-C5	POE-A-C5E	POE-B-C5E
Maximum Data Rate		100 Mbps CAT5	100 Mbps CAT5	1 Gb/s CAT5E	1 Gb/s CAT5E
Max Voltage on Pins (POE & Data)	(1-2) (3-6)	60V	7.5V	60V	7.5V
	(4-5) (7-8)		60V		60V
Max Current High POE	(1-2) (3-6)	1.2A	NA	1.2A	NA
	(4-5) (7-8)	NA	1.2A	NA	1.2A
Nominal Discharge Currents (at 8/20 μ s)					
- Line/Lines		500A	500A	500A	500A
- Line/Ground (Per Line)		2,000A	2,000A	2,000A	2,000A
- Lines/Ground (Itotal)		16,000A	16,000A	16,000A	16,000A
Clamping Voltage Between Lines	(1-2) (3-6)	70V	10V	70V	10V
	(4-5) (7-8)		70V		70V
DC Sparkover Voltage Between Lines and Ground		71-108V	71-108V	71-108V	71-108V

Ordering Information (Model Names)

- DLP-POE-A-C5-65
- DLP-POE-B-C5-65
- DLP-POE-A-C5-66
- DLP-POE-B-C5-66
- DLP-POE-A-C5E-65
- DLP-POE-B-C5E-65
- DLP-POE-A-C5E-66
- DLP-POE-B-C5E-66

Enclosure	-65 ENCLOSURE	-66 ENCLOSURE
Dimensions	4.5 x 3.5 x 2.5 in	4.5 x 3.5 x 2.5 in
Gasket	None	Yes
Mounting	Attached pole mount brackets for surface or pole mounting	
Protection Class	IP65	IP66
Connections:		
- Input	RJ45 Shielded	
- Output	RJ45 Shielded	
Pinout	8 wires + shielding	
Enclosure	IP Rated Plastic	
Connection to Bonding Network	Round Screw Terminal	
Standard Compliance	IEEE 802-3t, IEC 61000-4-5	