

SurgeFreeTM



Data Line Protection

DLP-25 with DIN Rail Mount

Amplifier Protection

MCG's DLP-25 Amplifier Protector Series is designed to protect amplifiers from lightning induced, or other, surges on the speaker cables. Left unchecked, these surges will cause damage or degraded performance of the output stages of an amplifier. Designed to be transparent to the audio signal path, it will not impact sound quality. The MCG Amplifier Protector will momentarily conduct when an unsafe overvoltage condition is present, thus protecting the amplifier. The DLP-25 uses a compact aluminum DIN-RAIL mount enclosure. For easy mounting, a DIN-RAIL bracket is provided for mounting to any flat surface. The unit is configured for two channel operation with four or eight Ohm nominal speaker impedances. This device is typically used on systems connected to outdoor speakers that are susceptible to induced surges or with systems with wire runs near AC power wiring.



The DLP-25 Amplifier Protector Series can be used on systems connected to outdoor speakers susceptible to induced surges.

Specifications

Number of Channels: 2

Protection modes: Three per channel, Positive to Negative, Positive to Ground, Negative to Ground

Connection: Series connected

Rated Amplifier Output: Various (See table)

Certification: UL497B Listed

Series Resistance per circuit: 0.025 Ohms Maximum

Surge Capacity per Mode: 15,000 Watts (10x1000 microsecond waveform)

Temp. (Operating/Storage): -55°C to 65°C / -55°C to 75°C, 0% to 95% non-condensing RH

Protection Type: Bidirectional

Connection: Screw Terminals: (Stripping length 0.315"/8mm)

Wire Gauge Range: 22 – 12 AWG

Dimensions, Protector, Overall: 2.95"L x 2.83"W x 1.86"D (74.9mm L x 71.9mm W x 47.3mm D)

Dimensions, DIN Rail section (provided): 3.0"L

Mounting: DIN Rail mount (DIN 35 type)

Enclosure: aluminum

Warranty: 1 year

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Specifications

Ordering Information

Model Name	Continuous Amplifier Output/Channel	Nominal Speaker Impedance/Channel
DLP 25-50W-4	Up to 50 Watts	4 Ohms
DLP 25-100W-4	51 to 100 Watts	4 Ohms
DLP 25-150W-4	101 to 150 Watts	4 Ohms
DLP 25-200W-4	151 to 200 Watts	4 Ohms
DLP 25-250W-4	201 to 250 Watts	4 Ohms
DLP 25-300W-4	251 to 300 Watts	4 Ohms
DLP 25-50W-8	Up to 50 Watts	8 Ohms
DLP 25-100W-8	51 to 100 Watts	8 Ohms
DLP 25-150W-8	101 to 150 Watts	8 Ohms
DLP 25-200W-8	151 to 200 Watts	8 Ohms
DLP 25-250W-8	201 to 250 Watts	8 Ohms
DLP 25-300W-8	251 to 300 Watts	8 Ohms



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