

DLP H Series

Installation Instructions

- 1) For DLP-xxH-xxxV5 & DLP-xxH-xxxV0 **series-wired** installation instructions (See Figure 1).

These instructions also apply to the heavy duty DLP-xxHH-xxxV5 and DLP-xxHH-xxxV0 models. See back page for parallel-connected protectors.

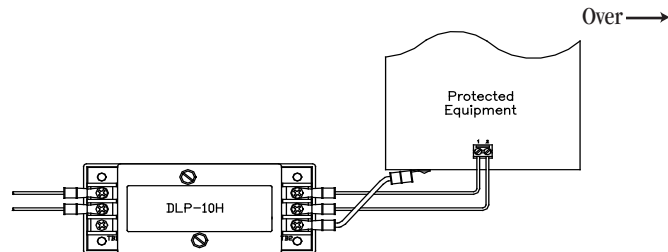
CAUTION: DO NOT INSTALL PROTECTOR DURING A LIGHTNING STORM.

IMPORTANT: These models must be installed in series as shown in Figure 1. Installing these models in parallel will drastically diminish the protector's surge capacity, thus voiding the warranty. These are intended for systems isolated from the public switched network - UL497B Listed.

Note 1 (System Current): For DLP-xxH-xxxV5 and DLP-xxHH-xxxV5 models, do not exceed 350mADC continuous current per wire or protector damage may occur. For DLP-xxH-xxxV0 or DLP-xxHH-xxxV0 models, do not exceed 10ADC (10A AC) continuous current per wire or protector damage may occur.

PROCEDURE (Series Installation):

- Locate protector at equipment to be protected.
- Mount protector next to or on protected equipment. Locate the mounting holes in each corner of the protector. Mount protector to a flat surface or if "-DIN" model, attach protector to DIN rail.
- Connect protector's Ground terminal (last position on each terminal block) to the equipment's grounded chassis using a 14 gauge or larger wire. Ground wire shall not exceed 6" (15.2 cm) in length. Note: Two ground positions exist (one on each terminal block). Use the one that affords a shorter length ground wire.
- Connect left-side protector terminal block to incoming wires.
- Connect right-side protector terminal block to equipment observing the same wiring pattern as used on the input since protector has "straight through" internal wiring.
- Confirm system operation. Equipment is protected.
- For technical assistance, please call MCG Surge Protection at 1-800-851-1508.



Terminal Block: Screw Torque: 10 lb. in. max. Wire Range: 12-24 AWG

Figure 1 (Series Connected Wiring Diagram)

- 2) DLP-xxH-xxxV0 **parallel-wired** installation instructions (See Figure 2). These instructions also apply to the heavy duty DLP-xxHH-xxxV0 models.

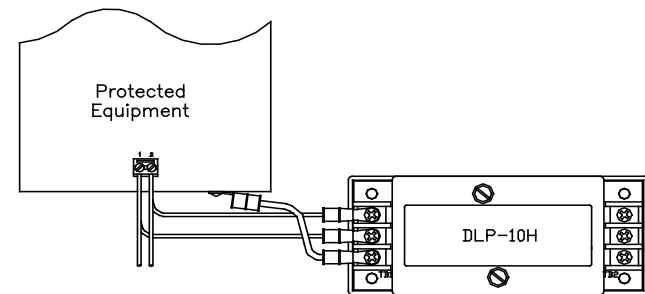
CAUTION: DO NOT INSTALL PROTECTOR DURING A LIGHTNING STORM.

IMPORTANT: These are intended for systems isolated from the public switched network – UL497B Listed.

Note 1: These models may also be installed in series with the protected load. See instructions on front page.

PROCEDURE (Parallel Installation – may be used for models ending in "V0"):

- Locate protector at equipment to be protected.
- Mount protector next to or on protected equipment. Locate the mounting holes in each corner of the protector. Mount protector to flat surface or if "-DIN" model, attach protector to DIN rail.
- Connect protector's Ground terminal (last position on each terminal block) to the equipment's grounded chassis using a 14 gauge or larger wire. Ground wire shall not exceed 6" (15.2 cm) in length. Input wires shall not exceed 10" lead length each.
- Connect left-side protector terminal block to the same points that the incoming wires are terminated to.
- Confirm system operation. Equipment is protected.
- For technical assistance, please call MCG Surge Protection at 1-800-851-1508.



Terminal Block: Screw Torque: 10 lb. in. max. Wire Range: 12-24 AWG

Figure 2 (Parallel wiring diagram for models ending in "V0" only)

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