

## WARRANTY INFORMATION

During the applicable warranty period, any Total Protection Solutions™ surge protector device which fails due to a defect in materials, workmanship or any electrical anomaly including lightning, shall be repaired or replaced, at Joslyn's option without charge. In the event of a return the device must be shipped FOB Joslyn place of business within the applicable warranty period. The applicable warranty period for this Joslyn surge protection device is outlined below in the Warranty Period section. The warranty period for any repaired devices or replacement devices will be only the remaining portion of the original limited warranty.

A Return Material Authorization (RMA) number must be obtained from the Company's Customer Service department before returning any products.

The Company shall have no liability under this warranty for problems or defects directly or indirectly caused by misuse of the Product, alteration of the Product (including removal of any warning labels), accidents, improper installation, application, operation, or improper repair of the Product.

THIS WARRANTY REPRESENTS THE ENTIRE WARRANTY OF THE COMPANY. ALL OTHER WARRANTIES EXPRESS OR IMPLIED, ORAL OR WRITTEN, INCLUDING, BUT NOT LIMITED TO, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED.

The liability of the Company, at its sole option, under this warranty is expressly limited to the replacement or repair of the defective part thereof. IN NO EVENT SHALL THE COMPANY BE LIABLE OR RESPONSIBLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND OR CHARACTER, NOR SHALL ITS LIABILITY EVER EXCEED THE PURCHASE PRICE PAID TO JOSLYN FOR SUCH DEFECTIVE PRODUCT.

This warranty is not transferable and may only be enforced by the original purchaser. Claims under this warranty must be submitted to Joslyn within thirty (30) days of discovery of any suspected product defect.

### **Warranty Period**

ComTrack 10 Years from original date of purchase

## SAVE THESE INSTRUCTIONS

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**NOTE:** If devices are received damaged, notify the shipping company immediately. Retain all containers and packing materials for inspection.

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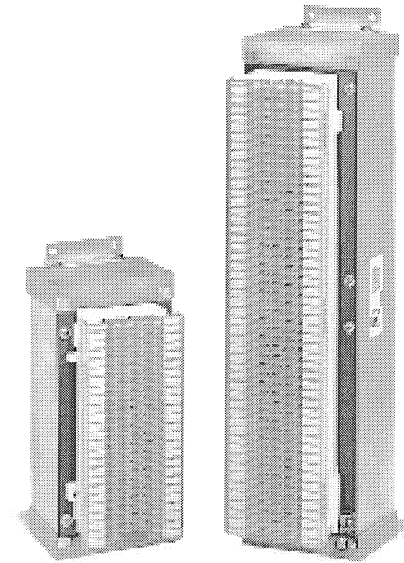
(PR) 11148-08/27/04

**Total Protection  
Solutions** 

# ComTrack™

## MDP SERIES

### MASS DISTRIBUTION PROTECTORS



ALL MODELS CASE STYLE "E"

## USER MANUAL

## INSTALLATION INSTRUCTIONS AND WARRANTY INFORMATION

## CAUTION - IMPORTANT SAFETY INSTRUCTIONS

1. Never install telephone wiring during a lightning storm.
2. This product is for **INDOOR USE ONLY**.
3. MDP Series suppressors are intended for use on the equipment side of UL 497 listed Primary Protectors.
4. Read and understand all instructions prior to installation and operation.

## INSTALLATION

The **MDP Series** of products are easy to install. The following instructions clearly explain each step:

**NOTE:** Make sure you follow the installation instructions exactly; if the suppressor is improperly installed, the current limiting feature could be rendered inoperable.

### **MDP Terminal Block Interface Models: 66 Block IDC (Insulation Displacement Connection) Models:**

1. Connect your incoming (unprotected) telephone cable to the Line (unprotected) Side of the **MDP Series** product. Use of a Punch Down Tool will expedite wire termination. Connections are made in pairs to the Line Side pins, outer row only (see diagram #1).
2. Connect the Load (protected) Side of the **MDP Series** product to the cable or wires interfacing with your internal communications equipment.
3. Connect an AWG # 14 ground wire from the unit's ground stud and secure it to the nearest available ground (see diagram # 1).

**NOTE:** If you have any questions as to how your equipment is grounded, consult the manufacturer's user manual(s).

## INDEPENDENT GROUNDS

Surge protection devices must not be connected to ground points that are independent of AC ground.

## WIRING AND MOUNTING INFORMATION

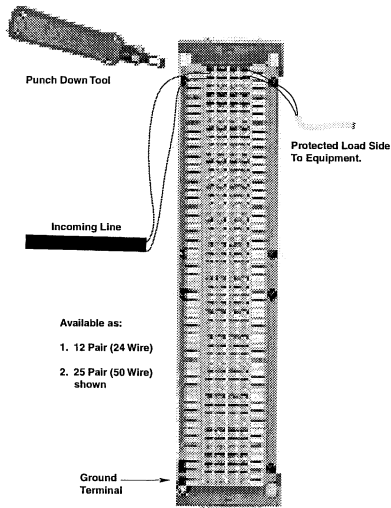


diagram #1

The MDP Series is offered in 2 Case Sizes: A 12 Pair (24 wire) unit and a 25 Pair (50 wire) unit.

Wiring is from left (line) to right (load).

The center pins are for bridging clips and test points. In the unlikely event, that an internal fuse should blow a bridge clip allows for the bypassing of the protection circuit to confirm line continuity.

All necessary hardware for mounting purposes has been included with the unit(s).

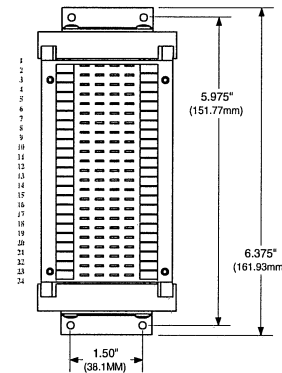
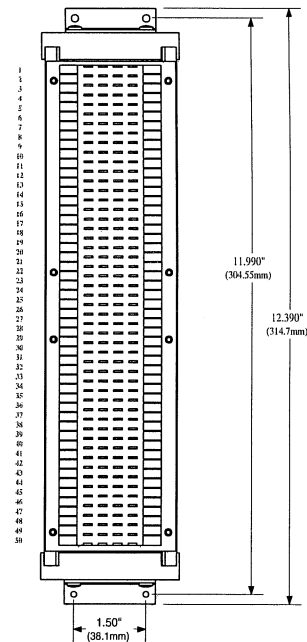


diagram #2



## BREAKDOWN VOLTAGE RANGE

MDP Models for:	Dial-Up Line Applications Range From	190-310 Volts DC
	T1/E1 Line Applications Range From	150-220 Volts DC
	Leased Line Applications Range From	30-155 Volts DC
	DDS (digital service) Applications	30-155 Volts DC

## GROUNDING

Units' ground stud, located lower left, must be connected to the ground reference used by the system being protected. In a computer room environment, this grounding point may be the ground bar in the AC power panel. Ground leads longer than 12" are not recommended.

## PERFORMANCE NOTE

The grounding wire must be as short as possible. Minimize length to the centimeter/inch and use a minimum of No. 14 AWG wire.

## WARNING

Should your equipment or building be subject to a direct lightning strike, this product will not provide complete protection.

**NOTE:** The protected device/equipment should also have AC protection because it is still vulnerable to transients on the power lines. Omitting AC protection poses a continued threat of failures at the communication interface.