

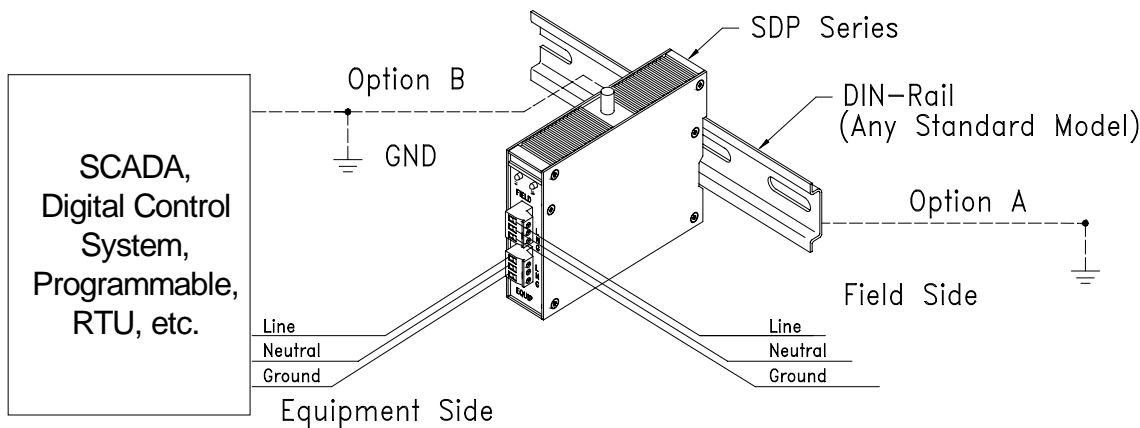
INSTALLATION INSTRUCTIONS

SDP SERIES

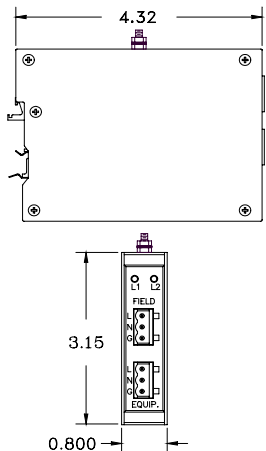
DIN-Rail Mount
120 OR 220 VAC

SURGE SUPPRESSOR
BALANCED FILTER

Typical Installation:




OUTLINE DIMENSIONS:



CAUTION: Make sure equipment power is OFF before installing suppressor.

Mount the SDP Series suppressor on any standard DIN rail. Mount the suppressor as near the equipment it is to protect as possible. The suppressor must be connected to a good earth ground common to the equipment. If the DIN rail is not properly grounded, we recommend utilizing the ground post with a 12 AWG or larger wire. Connect **Field** wires to the suppressor as indicated. Connect the **Equip.** wires to the equipment and dress away from **Field** lines. This device can fail short under direct hit conditions a properly sized fuse must be installed in series with the device.

 **ATTENTION:** Installation and servicing should be done only by trained and qualified personnel. Intended for indoor use in locked communication closets which are accessible only to trained personnel

WIRING INSTRUCTIONS:

CAUTION: Make sure equipment power is OFF before installing suppressor.

- (A) Cut L, N, and G lines at suppressor location. Be sure to leave enough slack line to facilitate stripping and insertion of lines into suppressor.
- (B) Remove 1/4" of insulation from each conductor wire.
- (C) Tin the end of each exposed wire with solder. Remove flux.
- (D) Insert the tinned field and equipment wires into appropriate SDP terminal block (L,N,G) and tighten retaining screws.
- (E) Restore power to **ON**.

Grounding Options:

- (A). **DIN Rail Foot:** SDP Series can be grounded through the DIN Rail foot to a properly grounded rail.
- (B). **Ground Post:** SDP can be grounded with the optional ground post. Keep the ground wire (#12 AWG or larger) as short as possible

Note: Suppressor and Equipment ground should be common.