HUBBELL CANADA

ATS-SS-64V-10KA-10GBPS-BT

ETHERNET SURGE SUPPRESSOR

Installation Guide

AccelTex SOLUTIONS

ATS-SS-64V-10KA-10GBPS-BT Installation Guide

Contents

Overview

This is a quick installation guide on how to install the ATS-SS-64V-10KA-10GBPS-BT Ethernet surge suppressor. The Ethernet surge suppressor can be attached a few different ways and each is described in detail. In all applications, the suppressor must be properly grounded to be effective. The suppressor is bi-directional, so it does not matter which of the two RJ-45 ports is used as the input or output port in a setup.

Tools Required

Phillips Screwdriver (PH#2)
Drill [Only for Self-Tapping Screw Install]
5-40 (U.N.C.) Drill bit or 5-44 (U.N.F.) Drill bit [Only for Self-Tapping Screw Install]

Parts

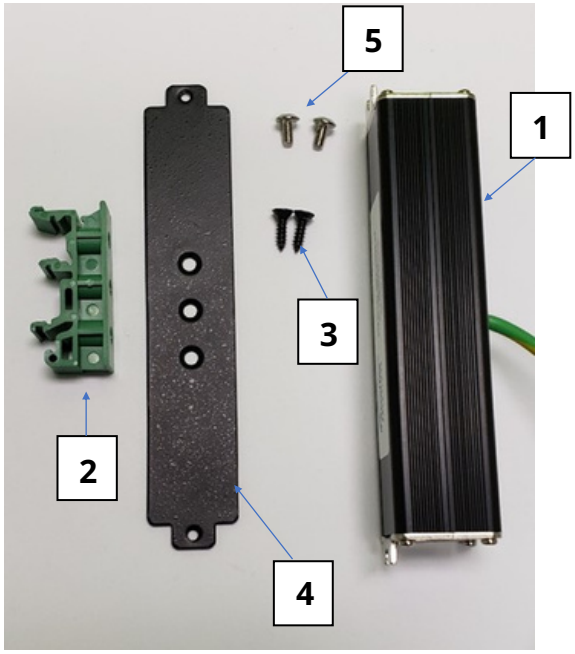
(1) ATS-SS-64V-10KA-10GBPS-BT Ethernet Surge Suppressor (1) Green DIN Rail Clip
(2) Din Rail Clip Screws (PH#2)
(1) Black DIN Rail Attachment Bar
(2) DIN Rail Attachment Bar Screws (PH#2)
(1) 3" Adhesive Velcro Hook and Loop Tape
(2) Self-Tapping Screws (PH#2)

HUBBELL CANADA
hubbell.ca/acceltex
1.800.465.7051

INSTALLATIONS

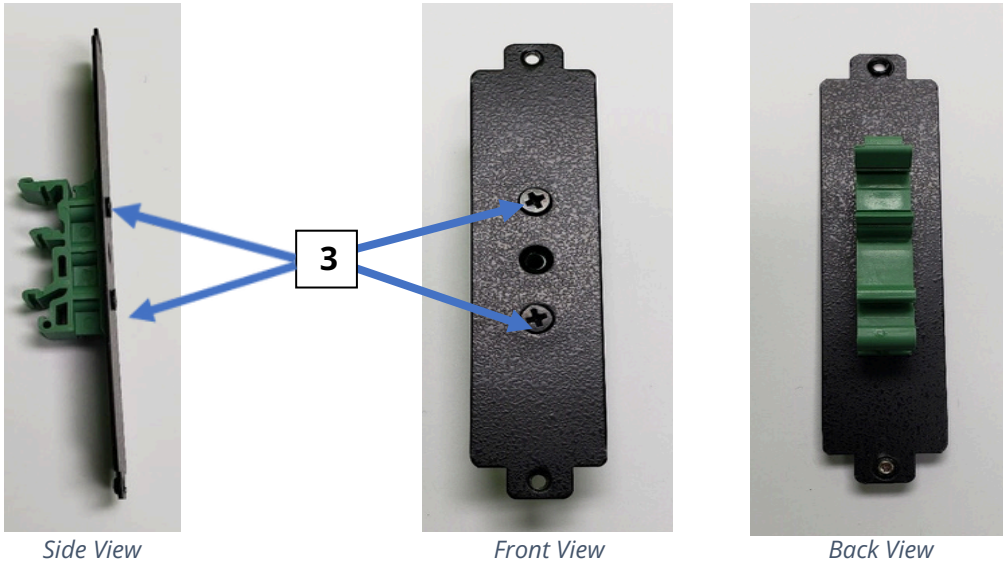
DIN Rail Install

The box comes with hardware to mount the surge protector to a DIN rail. Below are the components that will be needed for this install.



Directions

1. Using a Phillips head screwdriver, attach the Green DIN Rail Clip (Part 2) to the Black DIN Rail Attachment Bar (Part 4) using the two DIN Rail Clip Screws (Part 3).



Side View *Front View* *Back View*

Figure 2 - DIN Rail Clip to DIN Rail Attachment Bar

2. Screw in, without tightening fully, one DIN Rail Attachment Bar Screw (Part 5) to one side of the DIN Rail Attachment Bar (Part 4). Hook one side of the Ethernet surge suppressor (Part 1) to the loose screw and tighten down the screw fully until the suppressor is flush with the bar. Then, use the remaining DIN Rail Attachment Bar Screw (Part 5) to tighten down the other end of the Ethernet surge suppressor (Part 1) to the DIN Rail Attachment Bar (Part 4).

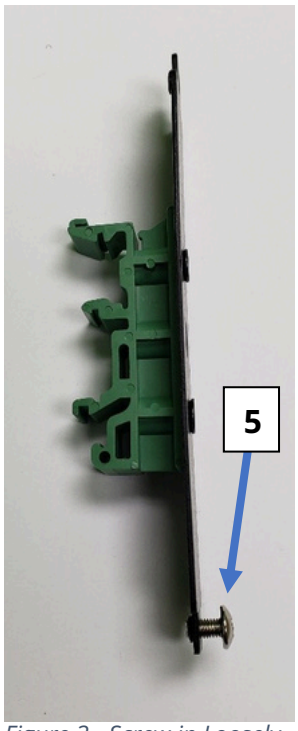


Figure 3 - Screw in Loosely

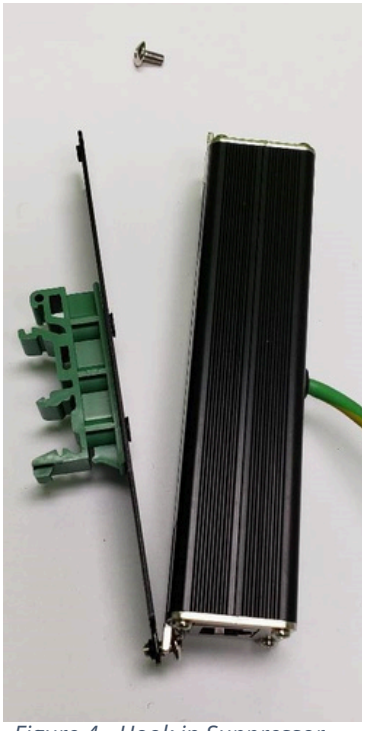


Figure 4 - Hook in Suppressor

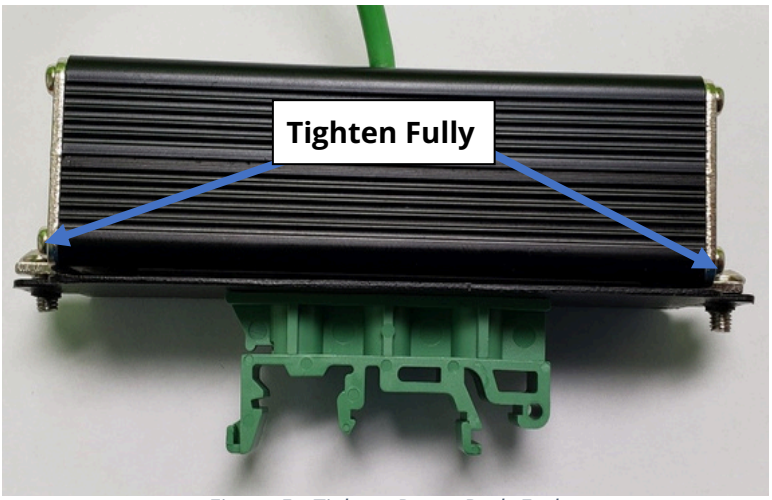


Figure 5 - Tighten Down Both Ends

3. The suppressor can now be attached to a DIN rail using the DIN rail clip. Make sure the DIN rail clip is fully attached to the DIN rail that is being used. Then, properly attach the green ground wire (12 AWG) coming out of the suppressor to a grounding system. After grounding is complete, the suppressor is ready to be used inline with network equipment.

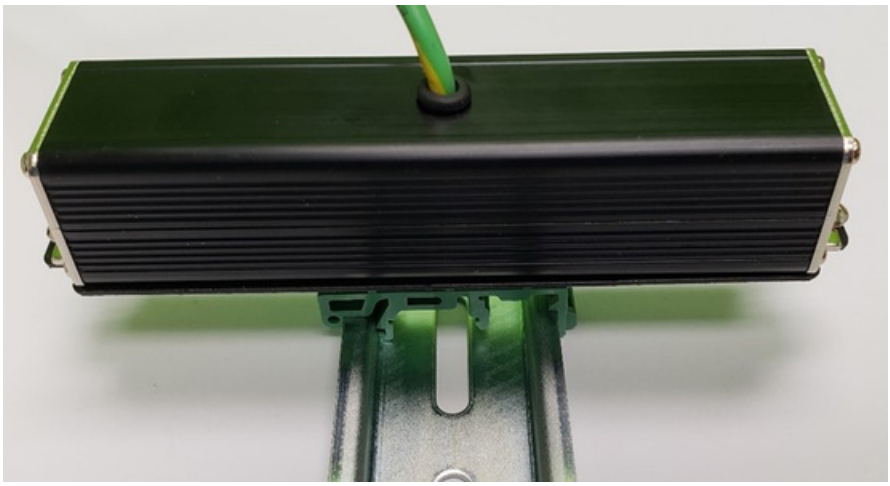


Figure 6 - Attached to DIN Rail (Ready to Ground)

Velcro Install

The box comes with Velcro hook and loop tape to attach the suppressor to multiple surfaces. Below are the components that will be needed for this install.

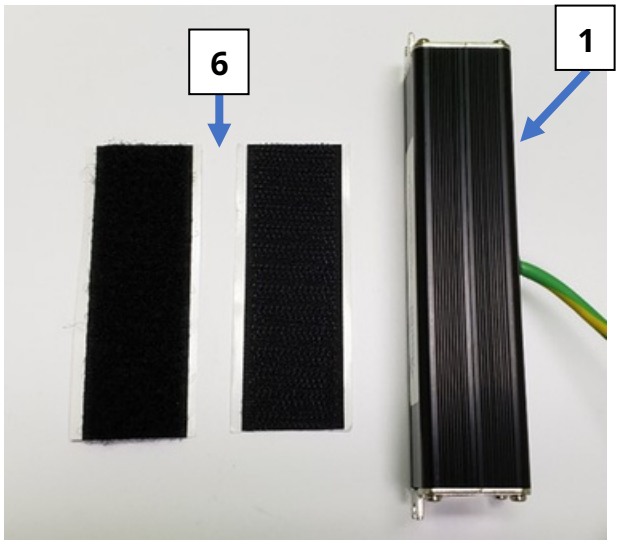


Figure 7 - Parts Required for Velcro tape Install

Directions

1. Wipe down and clean the surface intended for the suppressor. Pull off one side of the Velcro tape to expose the adhesive, and attach it - adhesive side down - to the surface.

Figure 8 - Attach Velcro Tape to Surface

2. Pull off remaining side of the Velcro tape to expose the adhesive and attach it - adhesive side down - to the bottom of the suppressor (side with mounting bracket).

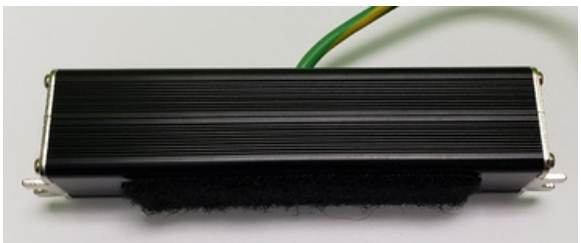


Figure 9 - Attach Velcro Tape to Bottom of Suppressor

3. Line up the Velcro tape on the bottom of the suppressor with the Velcro tape on the surface and firmly press the suppressor onto the surface. Then, properly attach the green ground wire (12 AWG) coming out of the suppressor to a grounding system. After grounding is complete, the suppressor is ready to be used inline with network equipment.

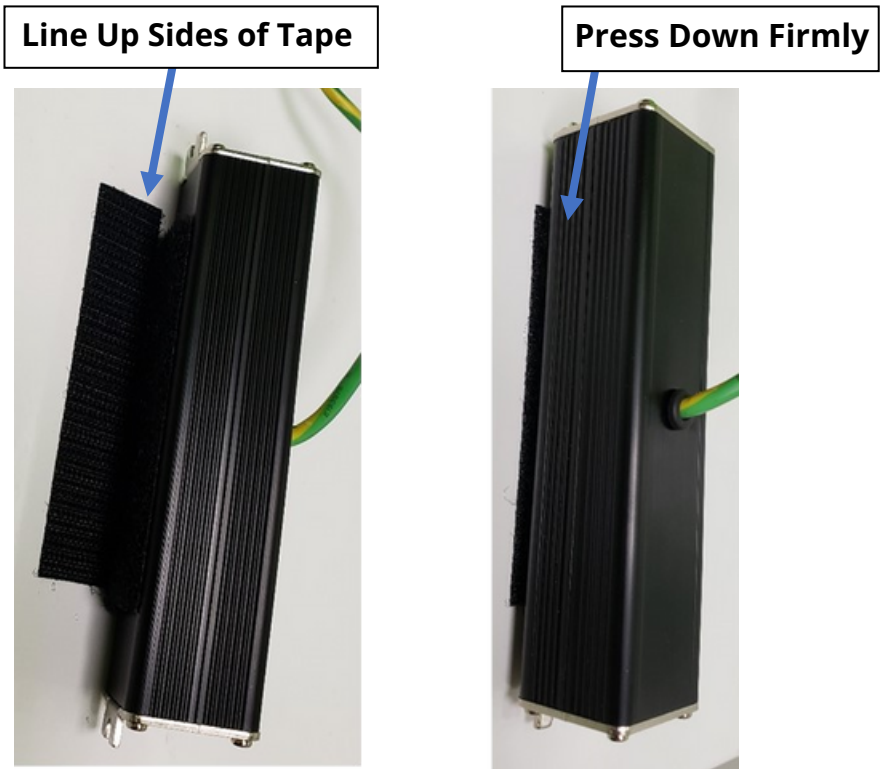


Figure 10 - Line Up and Attach Suppressor (Ready to Ground)

Self-Tapping Screw Install

The box comes with two self-tapping screws to attach the suppressor to multiple surfaces. Below are the components that will be needed for this install.

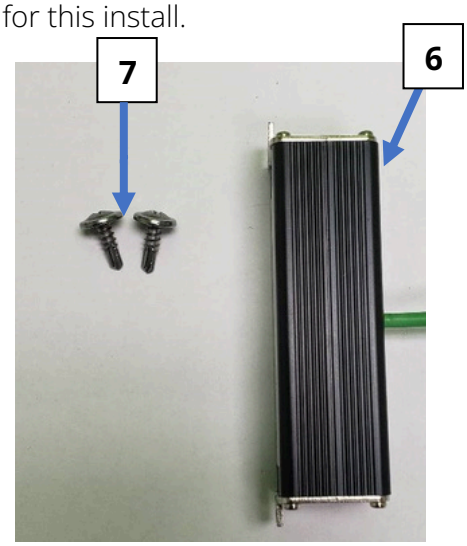


Figure 11 - Parts Required for Self-Tapping Screw Install

Directions

1. Place the suppressor, mounting bracket down, on top of the surface it is to be mounted to and mark where the screws are to be inserted. Be sure that the marks consider the pan-head of the self-tapping screws. (If you put them too close, the suppressor will not be flush mounted with the surface.)

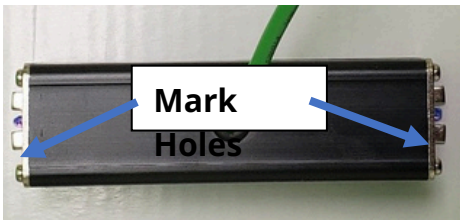


Figure 12 - Mark for Pilot Holes

2. Now, using a 5-40 (U.N.C.) or 5-44 (U.N.F.) drill bit, make two pilot holes where the marks are. Then, secure the suppressor to the surface using the Self-Tapping Screws (Part 7). Lastly, properly attach the green ground wire (12 AWG) coming out of the suppressor to a grounding system. After grounding is complete, the suppressor is ready to be used inline with network equipment.

Figure 13 - Tighten Down Screws

Additional Help and Support

www.hubbell.ca/acceltex

1.800.465.7051

serviceexcellence@hubbell.ca