

# Installation Instructions

## TSJ X6 Series Protectors



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### Important Safety Instructions

After reading these instructions and successfully installing this product, please save these instructions for future reference.

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## Warning

1. IMPORTANT SAFETY INSTRUCTIONS!

2. Read and understand all instructions before installing this product. Save these instructions for future reference.

Thank you for your recent purchase of our surge protection solution. Your satisfaction with our product and service is important to us. If you have any questions, comments or concerns, please contact us at 800.882.9110 or visit our website at [www.transtector.com](http://www.transtector.com). We look forward to continuing to serve your protection needs.

# Installation Instructions

## TSJ X6 Series Protectors

The TSJ-X6 series protectors are intended to be installed indoors or within a suitably rated NEMA enclosure for the application. The TSJ-X6 series protectors can be mounted to any flat surface by use of the four 0.23" diameter holes on the sturdy mounting feet. These mounting feet holes are sized for use with up to #8 drywall or similar type screws. A ground wire must be installed from the closest ground bar to the TSJ-X6 protector #1/4-20 ground stud. This ground wire should be as large a wire gauge (8 AWG minimum) as possible and as short a wire length as possible (3 ft maximum). Data cables are easy to install into the RJ connectors located on each side. Note that each independent data circuit should be orientated with incoming cables from the left and the "Protected" cables feeding out from the right. The unit is clearly marked for this reference. For shielded Cat5 applications with the TSJ X6 10/100 BT and TSJ X6 GbE ,the unit's shielded jacks provide a convenient connection to ground. For shielded Cat5 cable applications with the TSJ X6A, the user may wish to bond each incoming and outgoing shield to the internal ground stud for each suppressor. Trim back approximately 3 inches of shield wire and terminate with a #6 ring lug. Loosen the single screw fastener on the cover face near the ground stud and swing the door out of the way. This fastener is self retained in the plastic to avoid misplacement. Carefully loosen the #6-32 mounting nut on the suppressor board and slip the shield ring lug onto the stud. Reattach all #6-32 suppressor mount hardware and reattach the front cover.

