

Surge Protection Device Model # TPD-GLSF-P, TPD-GLSF-HW

GLSF Series

IOM: Installation Operation & Maintenance Manual

WARRANTY STATEMENT

During the applicable warranty period, any Transient Protection Design™ device which fails due to defect in materials, workmanship, or any transient event, including lightning, shall be repaired or replaced at TPD's discretion without charge. In the event of a return the device must be shipped FOB TPD place of business within the applicable warranty period. The applicable warranty period for the TPD surge protective device is outlined below in the Warranty Period section. The warranty period for any repaired devices or replacement devices will be only the remaining portions 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 COMPANY FOR SUCH DEFECTIVE PRODUCT.

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

Model#	Warranty Period
TPD-GLSF-P	One Year Unlimited Free Replacement
TPD-GLSF-HW	One Year Unlimited Free Replacement

SAVE THESE INSTRUCTIONS

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

Model# TPD-GLSF-P
Plug In Version - 20Amp



Model # TPD-GLSF-HW
Hard Wired Version - 20Amp



NOTE 1: AC breaker panel protection is recommended when using data protection. Data protection diverts or dumps excess energy from data lines into the power grounding system. By strategically protecting branch breaker panels with the TPX, surge events will once again be equalized and safely contained at the breaker panel.

CAUTION—IMPORTANT SAFETY INFORMATION

- Never install surge suppression during a lightning storm.
- This product is for INDOOR USE ONLY. INSTALL IN WEATHERPROOF ENCLOSURE FOR OUTDOOR USE.
- The below suppressors are intended for use as protectors for low voltage signal, data and communication lines.
- Read and understand all instructions prior to installation and operation.

Model # TPD-GLSF-P

Protect Ground Wire, Max 120 Volt, 20 Amp

INSTALLATION

1. Plug TPD-GLSF-P into max 120V, 20A receptacle outlet.
2. Plug equipment into TPD-GLSF-P.

Model # TPD-GLSF-HW

Protect Ground Wire, Max 120 Volt, 20 Amp

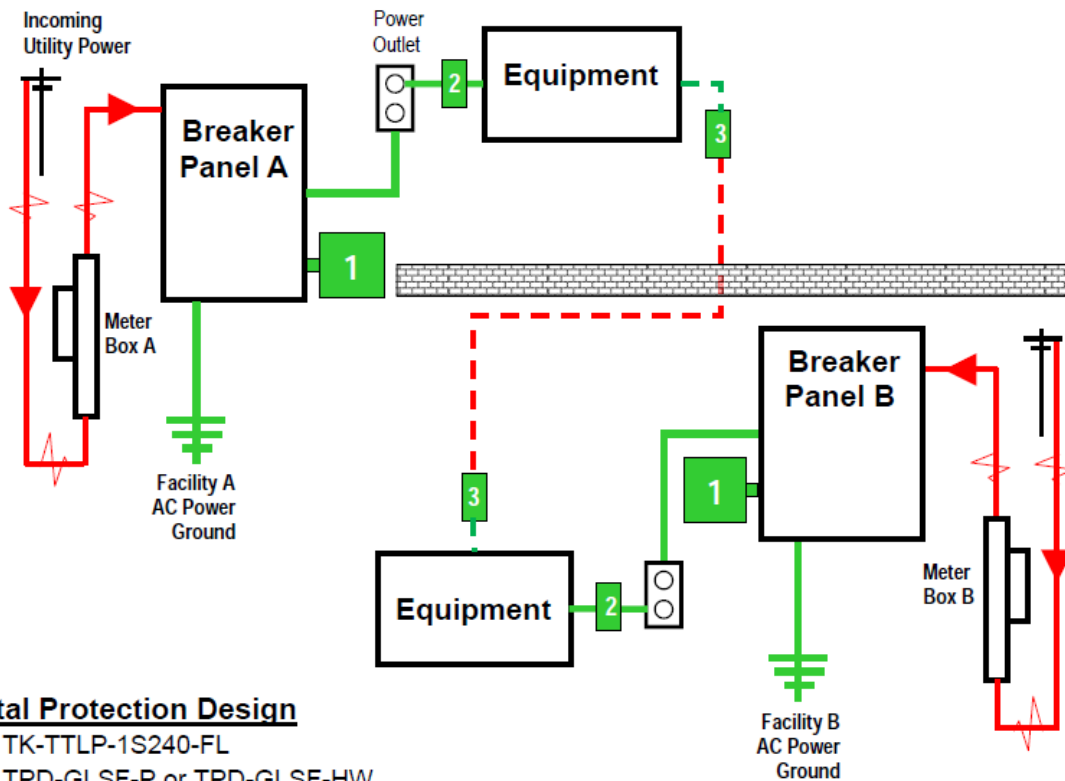
INSTALLATION

1. Place TPD-GLSF-HW in enclosure to make ground wires connection
2. Install TPD-GLSF-HW in series on ground wire only. 120 Volt, 20 Amp maximum.

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INSTALLATION CONTINUED

NOTE 2: The protected device/equipment should also have AC protection because it is still vulnerable to transients on or from the power lines. Omitting AC protection poses a continued threat of failure and lockup at the communication interface.



Total Protection Design

- #1 TK-TTLP-1S240-FL
- #2 TPD-GLSF-P or TPD-GLSF-HW
- #3 TPD-DB9 or SLP or LIT

The TPD-GLSF compliments all surge/noise suppression devices. Improve your protection system by eliminating ground potentials. Units are commonly used when electronic systems communicate between separate power sources and or ground potentials. This situation happens when communicating with remote buildings such as a guest house, pool house, cabana, green houses etc. **Recommend for all systems that communicate between separately derived service entrance or meter locations.** If the pool house or the guest house has its own meter and you are communicating with equipment using copper between buildings, this unit is a must! The TPD-GLSF is a high frequency filter which absorbs and blocks high frequency ground currents from entering into your system. These ground transients (also known as ground currents or ground loops), cause immediate and wide spread damage in your system if not blocked from entering into your system.