

LIGHTNING ELIMINATORS

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TLX 50-DC®

Transient Limiter

Nipple-Mounted Surge Protector for DC photovoltaic applications

Effective

50,000 amps of protection in all modes: DC+ to G, DC- to G, DC+ to DC-

Versatile Type 1 SPD

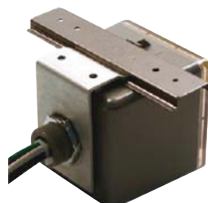
Provides a wide variety of voltages and configurations for any application: industrial, commercial, or residential. Can be installed upstream or downstream of main disconnect.

Tri-Mount Installation Kit Included

Lightning induced surges, transients and



Std. 3/4"-14" Nipple



DIN-rail Mount (rail not incl.)



Bracket Mount for flat surfaces

other power anomalies can easily degrade or destroy unprotected electronics and computer equipment. Suitable for all DC PV applications, the TLX50 line of nipple-mounted surge protection devices (SPD) protect sensitive electronics from these damaging transients and high-energy disturbances. All models feature watertight, dust proof, NEMA 4X enclosures.



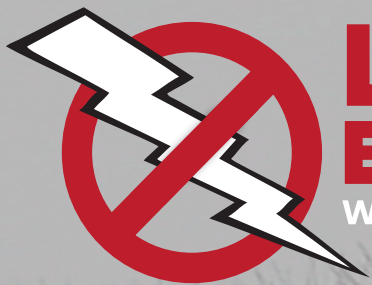
The TLX50 line can be used **indoors or outdoors**, mounted to the electrical panel through a direct nipple connection. The LED status indicator provides a quick visual diagnostic.

"All of our TLX50 surge protectors are backed by a 2-year manufacturer's warranty."

TLX50 surge protectors are fully automatic, reacting immediately to stop damaging surges, with no restriction on the amount of load current. These compact and durable devices offer cost-effective, high-capacity protection along with application versatility - features that make the TLX50 line of surge protectors the ultimate solution to your surge protection needs.



Made in the U.S.



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Configurations

Model No.	System Voltage & Configuration
TLX50-300-DC	0-300-VDC
TLX50-600-DC	0-600-VDC
TLX50-1000-DC	0-1000-VDC

Operating Parameters

서지용량 (per Phase)	50kA 8x20µs Per Mode
보호모드	ALL
알림표시	Color LED
허용온도	-40 C to 60 C
상대습도 범위	0-95% Non-Condensing
주파수	DC
응답시간	<1ns
Enclosure	NEMA 4X Polycarbonate
UL 1449 3rd Edition Listed	Yes (Sept. 2009)
보증기간	2 years
Pigtail Wire Sizes	#8 AWG, 36" length #6 AWG ground
Type 2 Connection	#8 AWG/40A Breaker
Code Compliance	UL, ANSI/IEEE, NEMA, NEC, IEC, CE, ISO 9001:2000

TLX50 Performance Data

Model No.	TLX-50-300-DC	TLX-50-600-DC	TLX-50-1000-DC
DC 전압	0-300Vdc	0-600Vdc	0-1000Vdc
최대연속 작동 전압	424Vdc	905Vdc	1188Vdc
전압 보호레벨 (up) @ 6kV/3kA	<1000Vp	<2000Vp	<2500Vp

Option Suffix:
G = for grounding
DC+ Terminal of System

Dimensions

