



TITAN™ 65T

65,000 Amp Series Protection

The Titan 65T offers high quality surge suppression and noise filtration for manufacturers looking to design protection into a sensitive electronic device. The Titan 65T can be installed on the incoming power source (20 amps or less), thus isolating the control cabinet from the outside environment.



APPLICATIONS

The Titan 65T is ideal for cabinet builders as well as manufacturers and integrators of instrumentation cabinets for industrial, medical and commercial applications.

SUPERIOR PERFORMANCE

The Titan 65T utilizes a series/hybrid suppression circuit that delivers 65,000 peak amps of surge protection. It also provides sine wave tracking protection with up to -65 dB of noise filtration. The series design yields maximum protection, resulting in UL 1449 400V performance.

SAFETY

The Titan 65T provides safe and reliable operation by incorporating EFI's latest safety developments including EFI's trademark fusing technology, LightningTemp®. Each MOV is individually fused and the product is contained in a NEMA 1 housing for maximum safety. The 65T has been tested and listed by UL and cUL.

EASY INSTALLATION

The Titan 65T mounts quickly and easily to any product having a mounting flange on its bottom surface. The screw lugs provide easy connection in the power system. The small footprint of the 65T provides greater installation flexibility even in situations where space is limited.

FEATURES	ADVANTAGES	BENEFITS
Compact Design	Easily and quickly mounts inside equipment cabinets	Eliminates customization costs
Green Status LED	Provides continuous status indication	Prevents unknown loss of protection
Series Installation	Provides the tightest clamping and noise filtration possible	Keeps equipment operating, even in the worst conditions
LightningTemp® Fuse	Thermal fuse capable of extreme surge currents	Provides reliable operation and prevents dangerous thermal runaway when MOVs are damaged

TITAN 65T

Product Specifications

MODELS AVAILABLE: TITAN 65T 120, TITAN 65T 240

PERFORMANCE

Max Surge Current:	65KA/phase, L-N 32.5, L-G 32.5, N-G 32.5
EMI/RFI Noise Rejection:	Up to -65dB
Thermal Fusing:	Yes, LightningTemp® Fuse
Sine Wave Tracking	Yes

MECHANICAL DESCRIPTION

Dimensions:	6.82" x 2.07" x 3.72"
Housing Ratings:	NEMA 1
Product Weight:	1 lb
Connection Method:	Terminals
Wire Size:	Up to #12 AWG conductors
Mounting Method:	Surface Mount Only
Load Rating:	up to 20 AMPS
Circuit Type:	Series Hybrid
Storage Temperature:	-40° to +160° F (-40° to +70° C)
Operating Temperature:	-40° to +140° F (-40° to +60° C)
Operating Altitude:	Sea Level to 12,000 feet (3,658 Meters)

DIAGNOSTICS

Green Status LED

SAFETY APPROVALS

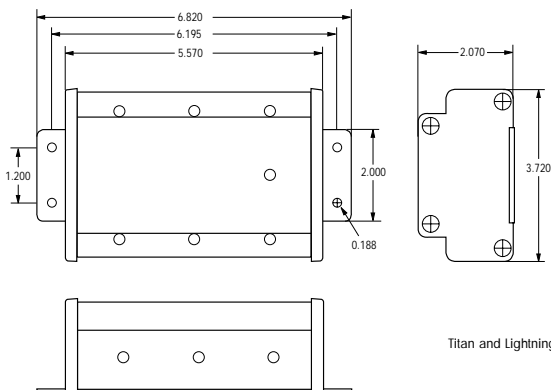
UL 1449 2nd Edition, cUL

WARRANTY

Product: 10 years

TITAN 65T SYSTEM DESCRIPTION AND SAFETY RATINGS

Model	Configuration	MCOV	UL 1449-2 Ratings				ANSI C62.41 Clamping Voltage		
			(L-N)	(L-G)	(N-G)	(L-L)	CAT A3 (200A)	CAT B3 (500A)	CAT C1 (3K)
Titan 65T 120	1 Phase, 2-Wire + Ground	150	400	400	400	N/A	310	336	380
Titan 65T 240	1 Phase, 2-Wire + Ground	270	700	600	700	N/A	468	596	692



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