



TITAN[®] 40W

40,000 Amp Protection

The Titan 40W provides high quality surge protection in a compact and versatile hardwired package. It is ideal for applications that require the suppressor to be mounted in close proximity or inside the equipment being protected.



APPLICATIONS

The Titan 40W is an ideal TVSS device for protection on residential circuit breaker panels. The Titan 40W can also be installed at the electric meter, on well pumps or on other sensitive electronic equipment. Its Type 4X weather tight housing allows the Titan 40W to be installed outdoors.

SUPERIOR PERFORMANCE

With a 40,000 amp surge current rating the Titan 40W will protect your equipment from severe transient activity. Incorporating the same hybrid circuit generally reserved for the more sophisticated and expensive devices, the 40W provides tight clamping and noise filtration for superior protection.

SAFETY

The EFI Titan 40W is engineered to be the industries safest surge protection device with unique fusing technology designed to provide protection to high energy products. All EFI Surge Protective Devices (SPD) are 100% quality tested for performance and reliability.

EASY INSTALLATION

The EFI Electronics Titan 40W surge suppressor is one of the most versatile, yet compact Surge Protective Devices available on the market today. This compact package can be mounted on an electrical panel or meter socket, or it can be mounted inside an electrical control cabinet. Compact design, yet powerful, the Titan 40W surge suppressor is the ideal product of choice.

FEATURES	ADVANTAGES	BENEFITS
Compact Design	Easily and quickly mounts to panels or inside electronic equipment cabinets	Equipment is not damaged from transient voltages and surge currents
Green Status LED	Continuous monitoring of TVSS status	Customer has the assurance of protection
Parallel Installation	Can be replaced without turning power off to the equipment when connected through a breaker	Allows maintenance without interrupting operation of equipment
Type 4X Housing	Dust tight, rain tight and corrosion resistant	Can be mounted anywhere, inside or outside
LightningTemp Fuse	Thermal Fuse capable of extreme surge currents	Provides reliable operation and prevents dangerous thermal runaway when MOV's are damaged

Titan 40W Product Specifications

MODELS AVAILABLE

T40WB120/240Y, T40WS120/240Y, T40WB120Y,
T40WS120Y, T40WB230Y, T40WS230Y,
T40WB240U, T40WS240U

PERFORMANCE

Max Surge Current/Mode 40 kA (L-N), 20 kA (N-G)
Short Circuit Current Rating 22 kA (120/240 V), 5 kA (230 V)
EMI/RFI Noise Rejection Up to -30 dB


MECHANICAL DESCRIPTION

Dimensions See image
Housing Ratings Type 4X
Product Weight 1.2 lb
Connection Method #10 AWG Stranded Wire
Mounting Method Close Nippled
Thermal Fusing Yes, LightningTemp® Fuse
Operating Frequency 50/60 Hz
Circuit Type Parallel Hybrid
Operating Temperature -40° to +160° F (-40° to +70° C)
Operating Altitude Sea Level to 12,000 feet (3,658 Meters)

DIAGNOSTICS

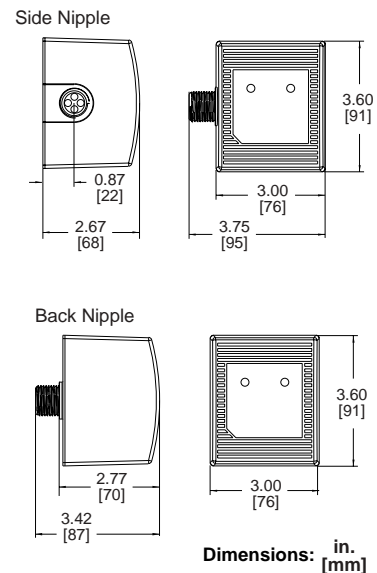
Standard Green Status LEDs, Audible Alarm

SAFETY APPROVALS

Product Standards  to UL 1449-2nd Ed and to CSA C22.2 No. 8-M1986

WARRANTY

Product 10 years



TITAN 40W SYSTEM DESCRIPTION

Model	Voltage	SCCR*	Mounting	Diagnostics	MCOV**	UL 1449-2 Ratings			
						L-N	L-G	N-G	L-L
T40WB120/240Y	120/240, 1 Phase 3-wire + GND	22 kA	Back Nipple	Two LEDs, Audible Alarm	150	500	1200	800	900
T40WS120/240Y	120/240, 1 Phase 3-wire + GND	22 kA	Side Nipple	Two LEDs, Audible Alarm	150	500	1200	800	900
T40WB120Y	120, 1 Phase 2-wire + GND	22 kA	Back Nipple	LED, Audible Alarm	150	500	1200	800	N/A
T40WS120Y	120, 1 Phase 2-wire + GND	22 kA	Side Nipple	LED, Audible Alarm	150	500	1200	800	N/A
T40WB230Y	230, 1 Phase 2-wire + GND	5 kA	Back Nipple	LED, Audible Alarm	320	1000	2000	1000	N/A
T40WS230Y	230, 1 Phase 2-wire + GND	5 kA	Side Nipple	LED, Audible Alarm	320	1000	2000	1000	N/A
T40WB240U	120/240, 1 Phase 3-wire	22 kA	Back Nipple	Two LEDs, Audible Alarm	150	500	N/A	N/A	900
T40WS240U	120/240, 1 Phase 3-wire	22 kA	Side Nipple	Two LEDs, Audible Alarm	150	500	N/A	N/A	900

* Short Circuit Current Rating

** Maximum Continuous Operating Voltage



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