



TRAC-MASTER®

Low Voltage

12V ELECTRONIC TRANSFORMERS

T537 and T538

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

PRODUCT SPECIFICATIONS

Transformer Operating Environment Designed for 40,000 hour operating life with repeated switching in 40° C ambient and 90% relative humidity environment.

Transformer Agency Ratings UL recognized and CSA certified
 • FCC Certified to Class A noise limiting standards • Controls radio interference & provides quiet operation with or without dimming • Exceeds IEEE Line Transient Requirements • Provides superior spike protection.

Transformer Mechanics Transformer adapter may be used with Trac-Master or Trac-Lites Series trac (or designated monopoints) and designated low voltage lampholders • Brass, tin-plated electrical contacts housed in nylon jacket provides quick electrical connection to lampholders.

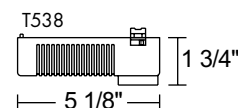
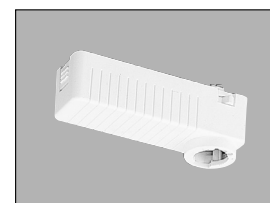
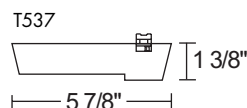
For High Ambient Applications Designed to withstand the intense heat produced by incandescent trac lighting. Tolerates sustained case temperatures of 100° C. All components meet rigid heat tolerance standards and pass over temperature life tests. This rugged transformer is capable of operation during repeated on-off switching, as well as starting and continuous running in 40° C ambients and 90% relative humidity.

Housing High impact polycarbonate housing • Integral on/off switch • Available in white, black or silver finishes.

Trac Adapter Copper alloy contacts provide precise spring action - no arcing and will not take a set • True, positive electrical ground • Patented embossed polarity arrows on bottom of adapter • "Pull-up" contact to up position for two-circuit application.

Product specifications subject to change without notice.

DIMENSIONS



Engineering Data

Input	120VAC, .64A
Nominal Output	11.0 - 11.8V, 75 Watts (VA) Max. load
Operating Frequency	>20kHz
Power Factor	$\left(\frac{\text{Output Power}}{\text{Input Power}} \right)$ >95%
Circuit Efficacy:	90% ± 2%
Regulation-Input Voltage: Output Voltage	1:1
High Potential Withstand @ 1240 VAC	1 sec.
Input Current Distortion	
Total Harmonic Content	15%
Operating Ambient Humidity	0-90% RH
Weight Potted	8 oz. (approx.)
Rated Average Life (with 75W lamp)	40,000 hours @ 120VAC input 40°C ambient

Third Party Qualifications:

FCC Certified under CFR, Title 47, Part 18, Classes A & B.

UL Listed, CSA Certified.

IEEE Line Transient Withstand as defined in Publication 587-1980, Category A.

PRODUCT CODE

Catalog Number	Finish	Description
T537WH	White	12V, 75W Output - 120V Input Low Profile Electronic Transformer
T537BL	Black	12V, 75W Output - 120V Input Low Profile Electronic Transformer
T537SL	Silver	12V, 75W Output - 120V Input Low Profile Electronic Transformer
T538WH	White	12V, 75W Output - 120V Input Electronic Transformer
T538BL	Black	12V, 75W Output - 120V Input Electronic Transformer
T538SL	Silver	12V, 75W Output - 120V Input Electronic Transformer

REV-1/09

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