



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 • 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.

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.

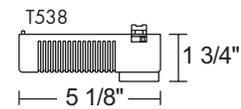
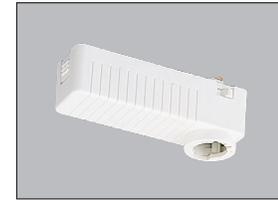
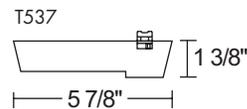
Transformer Compatibility and Construction Designed to accept Juno low voltage lampholders and 12V AC halogen lampholders or pendants • When using LED lamps, universal versions should be specified – see D1.2.5 • Transformer may be installed on Trac-Master or Trac-Lites Series trac (or designated monopoints) and may be used to operate all Trac-Master Low Voltage MR11 or MR16 lampholders and pendants • Miniature 2-pin connector provides quick electrical connection to lampholders • Transformer output is short circuit protected.

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

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