



# TRAC-MASTER®

Low Voltage

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

## 12V ELECTRONIC TRANSFORMERS WITH QUICK JACK ADAPTERS

**T537QJ and T538QJ**

### 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 all Juno or Alfa Quick Jack fixtures and pendants  
 • Brass, tin-plated electrical contacts housed in nylon jacket provides quick electrical connection to lampholders.

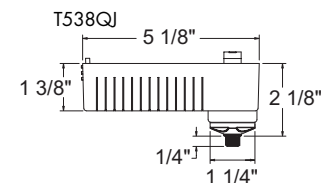
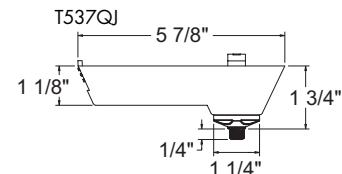
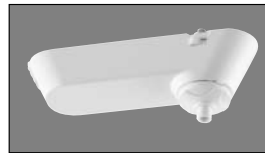
**For High Ambient Applications** Designed to withstand the intense heat produced by incandescent trac lighting. Tolerates sustained case temperatures of 100° C. All components meet rigid heat tolerance standards and pass over temperature life tests. This rugged transformer is capable of operation during 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 finish.

**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.

ETL Certified for US & Canada.

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

### PRODUCT CODE

Catalog Number	Finish	Description
<b>T537QJWH</b>	White	12V, 75W Output - 120V Input Low Profile Electronic Transformer with Quick Jack Adapter
<b>T537QJBL</b>	Black	12V, 75W Output - 120V Input Low Profile Electronic Transformer with Quick Jack Adapter
<b>T537QJSL</b>	Silver	12V, 75W Output - 120V Input Low Profile Electronic Transformer with Quick Jack Adapter
<b>T538QJWH</b>	White	12V, 75W Output - 120V Input Electronic Transformer with Quick Jack Adapter
<b>T538QJBL</b>	Black	12V, 75W Output - 120V Input Electronic Transformer with Quick Jack Adapter
<b>T538QJSL</b>	Silver	12V, 75W Output - 120V Input Electronic Transformer with Quick Jack Adapter

REV-5/08

THIS SIDE INTENTIONALLY LEFT BLANK



1300 S. Wolf Road • Des Plaines, IL 60018 • Phone (847) 827-9880 • Fax (847) 827-2925  
220 Chrysler Drive • Brampton, Ontario • Canada L6S 6B6 • Phone (905) 792-7335 • Fax (905) 792-0064  
Visit us at [www.junolightinggroup.com](http://www.junolightinggroup.com)

Printed in U.S.A. ©2008 Juno Lighting, Inc.