



# TRAC-MASTER®

Low Voltage

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

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

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

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

## 12V ELECTRONIC TRANSFORMERS, LED-COMPATIBLE AND WITH QUICK JACK ADAPTER T537 and T538

### PRODUCT SPECIFICATIONS

#### Transformer Compatibility and Construction

**T537, T538:** Low profile, contemporary housing design • Designed to accept Juno Trac-Master 12V AC halogen lampholders or pendants with a non-Quick Jack interface • Recommended for use with incandescent (halogen) lamps only • When using LED lamps, LED-compatible versions should be specified • Transformer may be used with Trac-Master or Trac-Lites Series trac (or designated monopoints) • Transformer output is short circuit protected.

**T537 QJ:** Same as T537 above but compatible with Quick Jack lampholders and pendants.

**T538:** Same as T537 above but in a more classic, rectilinear housing style.

**T537 LED:** Similar to T537 above but designed using a Hatch RS12-60M-LED transformer for LED compatibility • Compatible with Juno integral LED fixtures with a non-Quick Jack interface • May be used with Juno low voltage bi-pin lampholders and LED lamps (by others) • Compatible with most 12VAC LED lamps – contact lamp manufacturer to confirm compatibility • May also be used with incandescent (halogen lamps).

**T537 QJ LED:** Same as T537 LED above but compatible with Quick Jack lampholders and pendants.

**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.

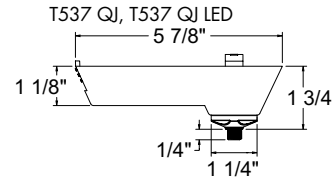
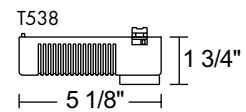
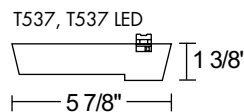
**Housing** High impact polycarbonate housing • Integral on/off switch • Available in white, black or silver finishes.

**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.

**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.

Specifications subject to change without notice.

### DIMENSIONS



### ORDERING INFORMATION

Ordering Examples: T537 WH, T537 QJ WH, T537 QJ LED BL, T537 LED WH

Series	Mounting Adapter	LED Compatibility	Finish
<b>T537</b> 120V Input, 12V AC Output Low Profile Electronic Transformer	<b>QJ</b> Quick Jack Adapter	<b>LED</b> LED Compatible	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White

### ORDERING INFORMATION

Ordering Example: T538 WH

Series	Finish
<b>T538</b> 120V Input Electronic Transformer	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White

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# 12V ELECTRONIC TRANSFORMERS, LED-COMPATIBLE AND WITH QUICK JACK ADAPTER T537 and T538

**Engineering Data for T537, T537 QJ & T538**

Input	120VAC, .64A
Nominal Output	11.0 - 11.8V, 75 Watts (VA) Max. load
Operating Frequency	>20kHz
Power Factor	>95%
T.H.D.	15%
Operating Ambient Humidity	0-90% RH
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.

**Engineering Data for T537 QJ LED & T537 LED**

Input ( <b>T537 QJ LED</b> )	120VAC, 0.52A
Input ( <b>T537 LED</b> )	120VAC, 0.60A
Nominal Output	11.5V AC, 50 Watts (VA) Max. load
Operating Frequency	>20kHz
Power Factor	>95%
T.H.D.	<20%
Operating Ambient Humidity	0-95% RH
Rated Average Life (with 50W 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.