



POWER SUPPLY
QTMS: 60W - 750W

Q-Tran's QTM product line is a surface mount, interior rated, Power Supply Center (PSC). The QTM line provides 12V or 24V output configurations, input voltages from 120Vrms to 277Vrms and both 50Hz or 60Hz options. The QTMS has a single toroidal transformer and is capable of up to 750W of output power at very high efficiencies, >90%. When dimming, use a MLV dimmer that includes a neutral wire.

HOUSING

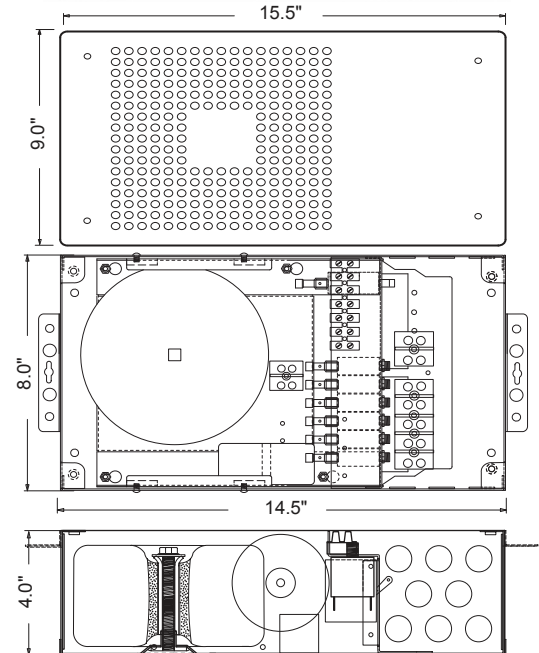
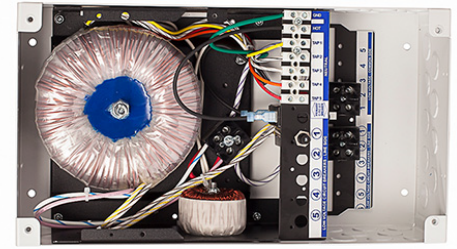
- 18-gauge Welded Steel Enclosure: 8.0"W X 14.5"L X 4.0"D
- Door: 9.0"W X 15.5"L
- Color: White Powder Coating
- Knockouts: 21

MULTI-VOLT & TAPS

- Tap Options:
 - 12V : 11, 12, 13, 14, 15V
 - 24V : 22, 24, 26, 28, 30V
- Loads may be connected to one (1) of the primary taps up to the full watt rating of the PSC.
- The advantage is that loads at varying distances from the PSC can be tapped on different taps to recover voltage drop, allowing you to get the correct voltage at your load and produce between 85%-100% light output. (See Q-Tran Voltage drop Calculator)
- Secondary Circuit Protection: 1- 6 magnetic circuit breakers.
- Class 1 compliant to N.E.C.

TOROIDAL CHOKE

Q-Tran's Standard Choke, or "Debuzzing Coil" reduces noise when dimming and helps negate in-rush current that is prevalent with LED loads. It allows for quiet operation and eliminates nuisance tripping.



ORDERING GUIDE								
Model	Size	Prim. V	Sec. V	No.	Amp	Choke	Opts	Opts 2
QTMS								
1 Size	Max Load (Watts)	PSC Efficiency	Max PSC Rating (Watts)	Max PSC Rating (VA)	Max Prim. Amps @ 120V	Max Prim. Amps @ 277V		
60MV	60W	92%	66	78	0.5 A	0.28 A		
100MV	100W	92%	108	125	1.1 A	0.46 A		
150MV	150W	92%	162	175	1.5 A	0.70 A		
300MV	300W	93%	321	347	2.9 A	1.30 A		
500MV	500W	93%	535	578	4.8 A	2.10 A		
600MV	600W	95%	630	680	5.7 A	2.50 A		
750MV	750W	95%	788	851	7.1 A	3.10 A		
2 Primary Voltage								
120 (60Hz) 230 (50/60Hz)* 240 (50Hz)* 277 (60Hz)*								
3 Secondary Voltage								
12V 24V 120V*								
4. Number of Secondary Breakers								
1-6								
5. Secondary Breaker Amperage					Options			
Amps	Max 12V Load	Max 24V Load			WH	White (Standard)		
5	60W	120W			BK*	Black Powder Coat Finish		
10	120W	240W			SP	Switch Plate		
12.5	150W	300W			TP	Timer Plate		
15	180W	360W			DP	Dimmer Plate		
20	240W	480W			CP	Cord & Plug		
25	300W	600W			ST	Secondary Tap (only for breakers 1-5)		
6. Choke								
CK-S 60-300W choke								
CK-L 500-750W choke								
Ordering Example								
QTMS - 600MV- 120/12 - 2x25 + CK-L								

*NOT STANDARD, CALL FACTORY FOR PRICING

LISTED C US 5F78

LOW VOLTAGE LIGHTING POWER SUPPLY

- UL 2108 & 1598 LISTED
- SURFACE, CEILING OR WALL MOUNT
- RECESSED WALL MOUNT TYPE IC
- SUITABLE FOR USE IN INSULATED SPACE - ZERO CLEARANCE
- SUITABLE FOR USE IN CLOSETS WITH CLOTHES IN DIRECT CONTACT
- INHERENTLY PROTECTED TYPE IC FOR SUPPLY CONNECTIONS USE WIRE RATED FOR AT LEAST 75 C.
- SUITABLE FOR INDOOR USE ONLY
- SUITABLE FOR DAMP LOCATIONS
- USE DIMMERS RATED FOR MAGNETIC LOW VOLTAGE LOAD
- COMPLIES WITH N.E.C. ARTICLE 411
- ISOLATION TOROIDAL TRANSFORMER
- 50/60 CYCLE A.C. ONLY
- MADE IN THE U.S.A.

For information on this Power Supply please consult the Q-Tran Indoor catalog or visit the Q-Tran website.

PROJECT NAME	DATE	COMPANY	TYPE	NOTE