



**DC POWER SUPPLY CENTER (PSC)**

**Housing**

White Powder coated 18 Gauge welded steel measuring 14.5" L X 8.0" W X 4.0"D with 21 knockouts and a barrier plate. Brackets included for housing rod suspension if needed. Door measures 15.5" L X 9.0" W

**Multi-Volt & Taps**

The QTMD Series Power Supply Center comes standard with three (3) primary taps, and put out 12 or 24V DC. Power 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 to recover voltage drop and produce between 85%-100% light output. See separate "Voltage Drop Calculator".

**Primary Circuit Protection**

All units come with both a primary magnetic circuit breaker and a primary auto-reset thermal protector, which is built into the transformer. This thermal protector will temporarily disconnect the primary if the transformer over heats due to an overload or saturation from a faulty dimmer.

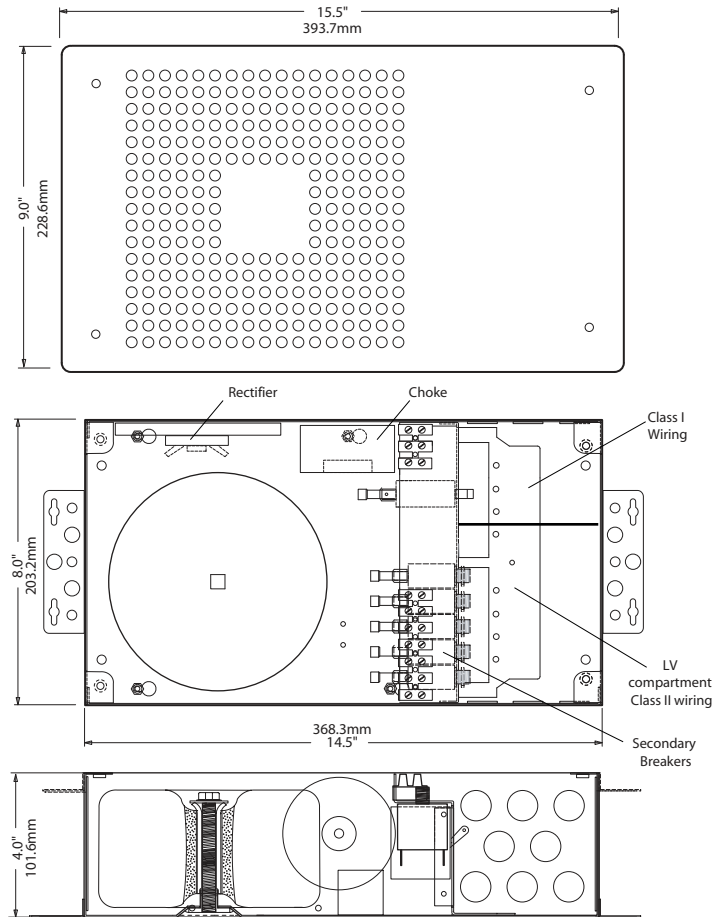
**Secondary Circuit Protection**

Protected by up to six (6) magnetic circuit breakers. Sized to Class II limit of 5A at 12V (60 Watts) or 4A at 24V (96 Watts).

All wiring by the electrical contractor must be Class 1 compliant to N.E.C. Secondary breakers available in 4A, 5A, 10A, 12.5A, 20A, and 25A.

**Toroidal Choke**

A choke or "debuzzing coil" reduces noise and in-rush current. A choke is standard, to achieve quiet operation.



Ordering and Specification Guide							
Model	Prim. V	Sec. V	No.	Amp.	Choke	Options	Options 2
QTMD-	-	/	-	x	+	+	+
Model	Max Lamp Load (Watts)	Fixture Volts (12V/24VDC)	Max Prim. Amps@120V	Max Prim. Amps@277V			
QTMD-120	120 W	12V DC	1.3 A	0.6 A			
QTMD-180	180 W	12V DC	2.0 A	0.9 A			
QTMD-240	240 W	12V DC	2.7 A	1.2 A			
QTMD-300	300 W	12V DC	3.4 A	1.5 A			
QTMD-360	360 W	12V DC	4.1 A	1.8 A			
QTMD-100	100 W	24V DC	1.1 A	0.5 A			
QTMD-200	200 W	24V DC	2.2 A	1.0 A			
QTMD-300	300 W	24V DC	3.4 A	1.5 A			
QTMD-500	500 W	24V DC	5.6 A	2.4 A			
QTMD-600	600 W	24V DC	6.7 A	2.9 A			
Primary Voltage							
120 (60Hz)		230 (50Hz)		277 (60Hz)			
Number of Secondary Breakers							
1 to 6		One to Six Secondary Circuit Breakers can be used					
Secondary Breaker Amperage							
Amps	Max 12V Load	Max 24V Load					
4	48W	96W					
5	60W	120W					
10	120W	240W					
15	150W	300W					
20	240W	480W					
25	300W	600W					
Choke							
CK-S	150W-300W Choke - Suggested with Dimming						
CK-L	500W-600W Choke - Suggested with Dimming						
Options							
* Black Housing							
Ordering Example							
QTMS - 300DC - 120/12 - 5x5A + CK-L							

**Notes:** Other Models are available. Call factory for more information

Q-Tran Inc.  
155 Hill Street  
Milford, CT 06460  
P: 203-367-8777  
F: 203-367-8771

Q-Tran, Inc.  
239924  
CLASS:  
3425 - 15  
3425 - 95



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**LUMINAIRE LOW VOLTAGE LIGHTING SYSTEM**

- 2108 LISTED
- WALL MOUNT / ROD SUSPENSION
- FOR SUPPLY CONNECTIONS USE WIRE RATED FOR AT LEAST 75 C.
- SUITABLE FOR DAMP LOCATIONS
- USE DIMMERS RATED FOR MAGNETIC LOW VOLTAGE LOAD
- ISOLATION TOROIDAL TRANSFORMER
- 50/60 CYCLE A.C. ONLY
- MADE IN THE U.S.A.

Q-Tran, Inc. reserves the right to change product specifications at any time without incurring obligations.