

Q6S Model - Power Supply Center (PSC)



Housing & Mounting - Small Size

18 gauge welded steel measuring 8.63"L x 5.75"W x 3.1"H with 5 knockouts. Built-in mounting bracket is designed for easy installation for both six-planes of surface-mounting and suspension by two 1/4" threaded rods. (Rods not included.) Standard finish is white powder coat.

Toroidal Transformer - Dual Tap (DT)

The Q6 Series Power Supply Center, utilizes two (2) primary taps (12V, 13V, or 24V, 26V). Loads may be connected to one (1) of the primary taps up to the full watt rating of the Power Supply Center. The advantage is that the PSC can be tapped to recover voltage drop and produce between 85%-100% light output. See voltage drop calculator on page 10.

Secondary Circuit

Protected by one magnetic circuit breakers. Appropriate size to the feed load per N.E.C. Article 411 (not to exceed 25 amps per load). All wiring by a certified electrical contractor must be Class 1 compliant to N.E.C. Chapter 3 available in 5A, 10A, 12.5A, 15A, 20A, and 25A.

Toroidal Choke

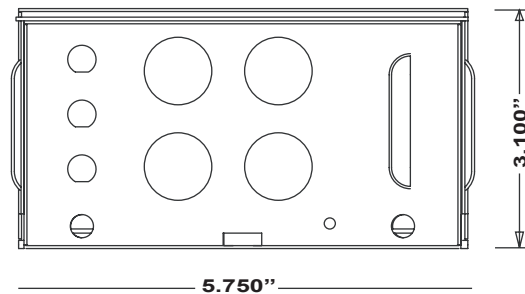
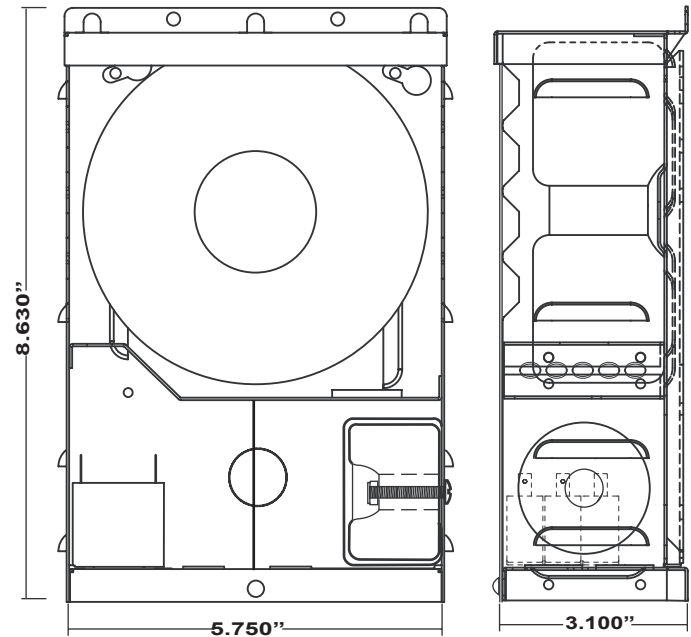
A Choke or "Debuzzing Coil" comes standard on every Q6S unit to reduce noise and in-rush current. A choke is especially helpful when dimming.

Mounting

Standard - 6 plane surface mount

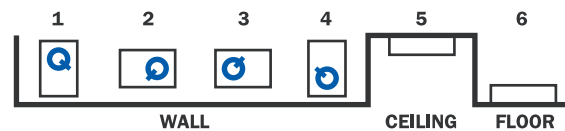
Standard - Rod suspension (Two - 1/4" threaded rods)

NOTE: Suspension rods are purchased separately and not from Q-Tran, Inc.



Model	Prim. V	Sec. V	No.	Brk Amp	Choke	Options						
<div>1</div>	-	<div>2</div>	/	<div>3</div>	-	<div>4</div>	x	<div>5</div>	+	<div>6</div>	+	<div>7</div>
1. Model	Max Lamp Load Watts	PSC Efficiency	Max PSC Rating (Watts)	Max PSC Rating (VA)	Max Prim Amps@120V	Max Prim A. Amps@277V						
Q6S - 50DT	50W	92%	54 W	58	0.5 A	0.2 A						
Q6S-100DT	100W	92%	108 W	115	1.0 A	0.4 A						
Q6S-150DT	150W	92%	163 W	173	1.4 A	0.62 A						
Q6S-300DT	300W	92%	324 W	345	2.9 A	1.2 A						
2. Primary Voltage												
120 (60Hz)		230 (50/60Hz)		277 (60Hz)								
3. Transformer Secondary Voltage			Rated Volts		Max Volts							
12 V			12 V		13V							
24V			24 V		26V							
4. Number of Secondary Breakers												
1 One Secondary Circuit Breaker can be used												
5. Secondary Breakers Amperage												
Amps	Max 12V Load			Max 24V Load								
5	60W			120W								
10	120W			240W								
12.5	150W			300W								
15	180W			360W								
20	240W			480W								
25	300W			600W								
6. Choke												
XX	50W - 100W Choke - Not Required											
CK-S	150W - 300W Choke											
7. Options												
BK	Black Powder Coat Finish											
Ordering Example												
Q6S - 300DT - 120/12 - 1x25 + CK-S												

Six (6) - Plane Surface Mounting Design



LOW VOLTAGE LIGHTING LUMINAIRE POWER SUPPLY CENTER

- SURFACE MOUNT ANY POSITION
- SUITABLE FOR DAMP LOCATIONS
- FOR SUPPLY CONNECTIONS USE WIRE RATED FOR AT LEAST 90 C
- SUITABLE FOR INDOOR USE ONLY
- COMPLIES WITH N.E.C. ARTICLE 411
- COMPLIES WITH UL STANDARD 2108
- ISOLATION TOROIDAL TRANSFORMER
- USE DIMMERS RATED FOR MAGNETIC LOW VOLTAGE LOAD
- 50/60 CYCLE A.C. ONLY
- MADE IN THE U.S.A.