

120/240 VAC, 5 or 6 Position, Power Distribution Panel with Surge Protection

- Compact Small Cell AC Load Center
- Suitable for Use as Service Equipment - SUSE Rated
- Factory loaded 10-70 AMP Main Breaker
 - 10 kAIC Standard; 22kAIC ≤ 60 AMP Optional
- L1 or L1/ N SPD's Available
- Pole Mounting Bracket Included
- Ground Lug Kit for #6 AWG Ground Wire Included
- NEMA 3R Outdoor Enclosure



Electrical Specifications

SAP 33364
PTS90421-6-7777-P

Main Service	120 / 240 VAC 1Ø2W
Main Breaker Rating	60 AMP
Short Circuit Rating	10 kAIC
Main Input Wire Size	#14 - #4 AWG Cu - Al
Neutral & Ground Contacts	#14 - #4 AWG Cu - Al
SPD Type	L1
SPD Ratings	20 kA 8/20 µs Nominal, 50kA max - Type 2
Distribution Breaker Rating	120 / 240 VAC 1Ø2W
Distribution Breakers Ampacity	1 - 25 AMP / UL489
Distribution Breakers - Maximum Positions	6 Positions
Output Distribution Wire Size	#14 - #4 AWG Cu - Al
External Ground Connection	2-hole 1/4-20 w/ 5/8" Spacing
Certification	ETL Listed to UL67 Panel Boards

Mechanical Specifications

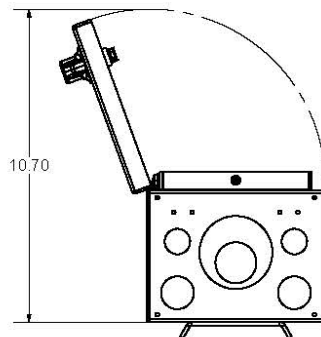
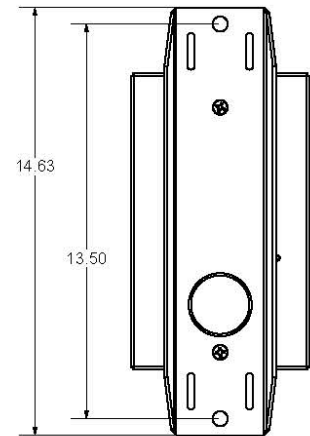
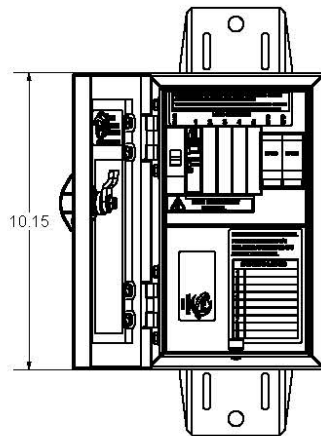
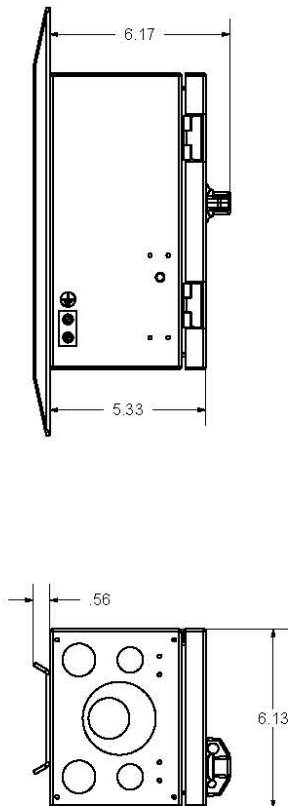
Housing Material	Powder Coated Aluminum
Breaker Access	Padlockable Wing Knob
Housing Dimensions (H x W x D)	10.15 x 6.13 x 5.33
Unit Weight / Shipping Weight	7 lbs / 9 lbs
Operating Temp	-40 °C to 60 °C
Humidity	95% Non-Condensing



PTS90421 Load Examples

Base P/N	-	AMP	-	Position						-	SPD	-	kA	Description	SAP No.				
				P1	P2	P3	P4	P5	P6										
PTS90421	-	6	-	7	7	7	7			-	P	-		120/240 VAC 60A 10 kAIC Main; 1P SPD; 4x7A Load	33364				
PTS90421	-	6	-	K	K	K	K	K		-	P	-		120/240 VAC 60A 10 kAIC Main; 1P SPD; 5x20A Load	Sample				
PTS90421	-	6	-	7	7	7	1			-	P	-	22	120/240 VAC 60A 22 kAIC Main; 1P SPD; 3x7 & 1x1A Load	Sample				
PTS90421	-	6	-	X	X	X				-	P	-	22	120/240 VAC 60A 22 kAIC Main; 1P SPD; No Load Breakers	Sample				
PTS90421	-	7	-	A	A	A	A	A		-	PN	-		120/240 VAC 70A 10 kAIC Main; 1PN SPD; 5x10A Load	Sample				
											P = (L1-PE), PN = (L1/N-PE)								
Position Key																			
AMP		1	2	3	4	5	6	7	8	9	10	12	15	16	20	25	No Breaker		
1Pole		1	2	3	4	5	6	7	8	9	A	C	F	G	K	S	X or Blank		
Amperage Code 6=60A; 7=70A (10A to 70A 10 kAIC Standard; ≤ 60A 22kAIC Available)																			
Additional/Spare UL489A DIN Rail Breakers																			
PTS P/N		Description						PTS P/N		Description						PTS P/N		Description	
PT-KM1N-01A		1 AMP / 1 POLE						PT-KM1N-10A		10 AMP / 1 POLE						PT-KM1N-16A		16 AMP / 1 POLE	
PT-KM1N-06A		6 AMP / 1 POLE						PT-KM1N-12A		12 AMP / 1 POLE						PT-KM1N-20A		20 AMP / 1 POLE	
PT-KM1N-07A		7 AMP / 1 POLE						PT-KM1N-15A		15 AMP / 1 POLE						PT-KM1N-25A		25 AMP / 1 POLE	

PTS90421 Outline Drawings



UNIT MAX WEIGHT: 7 LBS
SHIPPING MAX WEIGHT: 9 LBS

