

## 120/240 VAC, 9 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
- External Rotary Disconnect Switch
- 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

PTS90523

Main Service	120 / 240 VAC 1Ø2W
Main Breaker Rating	10 - 70 AMP
Short Circuit Rating	10 kAIC Standard, 22 kAIC ≤ 60 AMP Optional
Main Input Wire Size	#14 - #4 AWG Cu - Al
Switch Rating	100A UL98 LockOut/TagOut
Neutral & Ground Contacts	#14 - #4 AWG Cu - Al
SPD Type	L1 (+N Optional)
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	9 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)	16.31 x 6.77 x 5.26
Unit Weight / Shipping Weight	13 lbs / 16 lbs
Operating Temp	-40 °C to 60 °C
Humidity	95% Non-Condensing



## PTS90523 Load Examples

Base P/N		A M P		Position									SPD		kA	Description				
				P1	P2	P3	P4	P5	P6	P7	P8						P9			
PTS90523	-	6	-	A	A	A	A	A					-	P	-	120/240 VAC 60A 10 kAIC Main; 1P SPD; 5x10A Load				
PTS90523	-	6	-	K	K	K	K	K					-	P	-	120/240 VAC 60A 10 kAIC Main; 1P SPD; 5x20A Load				
PTS90523	-	6	-	7	7	7	7	7	7	7	7	7	-	P	-	120/240 VAC 60A 10 kAIC Main; 1P SPD; 9x7A Load				
PTS90523	-	6	-	X	X	X							-	PN	- 22	120/240 VAC 60A 22 kAIC Main; 1PN SPD; No Load Breakers				
PTS90523	-	7	-	K	K	K	K	K					-	PN	-	120/240 VAC 70A 10 kAIC Main; 1PN SPD; 5x20A Load				
													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						

## PTS90523 Outline Drawings

