

## 208/240 VAC, 12 Position, Power Distribution Panel with Surge Protection

- Compact Small Cell AC Load Center
- Suitable for Use as Service Equipment - SUSE Rated
- Factory loaded with 10-70 AMP Main Breaker
  - 10 kAIC Standard; 22kAIC ≤ 60 AMP Optional
- External Rotary Disconnect Switch
- L1 / L2 or L1/L2/ N SPD's Available
- Pole Mounting Bracket Included
- Ground Lug Kit for #6 AWG Ground Wire Included
- V-UL 100 kV



### Electrical Specifications

PTS90536

Main Service	208 / 240 VAC 1Ø3W
Main Breaker Rating	10 - 70 AMP
Short Circuit Rating	10 kAIC Standard, 22 kAIC ≤ 60 AMP Optional
Main Input Wire Size	#14 - #2 AWG Cu - Al
Switch Rating	100A UL98 LockOut/TagOut
Neutral & Ground Contacts	#14 - #4 AWG Cu - Al
SPD Type	L1/L2 (+N Optional)
SPD Ratings	20 kA 8/20 µs Nominal, 50kA max - Type 2
Distribution Breaker Rating	120/208/240 VAC 1Ø2W or 1Ø3W
Distribution Breakers Ampacity	1 - 25 AMP / UL489
Distribution Breakers - Maximum Positions	12, 16 or 20 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		
Load Center	12 Position	16 Position	20 Position
Housing Dimensions (H x W x D)	17.77 x 9.25 x 5.00	20.75 x 9.25 x 5.00	22.75 x 9.25 x 5.00
Unit Weight / Shipping Weight	17 lbs / 21 lbs	20 lbs / 25 lbs	22 lbs / 28 lbs
Operating Temp	-40 °C to 60 °C		
Humidity	95% Non-Condensing		



## PTS90536 Load Examples

Base P/N	AMP POS		Position												SPD	kA	Description		
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12					
PTS90536	612	-	A	A	A	A	A							-	P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 6x10A 1Pole Load		
PTS90536	612	-	K	K	K	K	K							-	P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 6x20A 1Pole Load		
PTS90536	612	-	V		V		V		V	K	K	K	K	-	P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 4x20A 2Pole & 4x20A 1Pole Load		
PTS90536	712	-	X	X	X									-	P2	-	208/240 VAC 70A 10 kAIC Main; P2 SPD; No Load Breakers		
PTS90536	612	-	Q		Q		F	F						-	P2N	- 22	208/240 VAC 60A 22 kAIC Main; P2N SPD; 2x15A 2Pole & 2x15A 1Pole Load		
P2 = (L1/L2-PE), P2N = (L1/L2/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	
2Pole								W				L	N	Q	R	V	T		
Amperage Code ### # = Main Breaker Amperage 6=60A; 7=70A (10A to 70A 10 kAIC Standard; ≤ 60A 22kAIC Available) ## = Number of Positions 12 or 16 or 20																			
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-15A		15 AMP / 1 POLE						PT-KM2N-10A		10 AMP / 2 POLE	
PT-KM1N-06A		6 AMP / 1 POLE						PT-KM1N-16A		16 AMP / 1 POLE						PT-KM2N-15A		15 AMP / 2 POLE	
PT-KM1N-07A		7 AMP / 1 POLE						PT-KM1N-20A		20 AMP / 1 POLE						PT-KM2N-20A		20 AMP / 2 POLE	
PT-KM1N-10A		10 AMP / 1 POLE						PT-KM1N-25A		25 AMP / 1 POLE						PT-KM2N-25A		25 AMP / 2 POLE	

## PTS90536 Outline Drawings

