

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 80-125 AMP Main Breaker
 - 10 kAIC Standard; 22kAIC ≤ 60 AMP Optional
- 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

PTS92539

Main Service	208 / 240 VAC 1Ø3W
Main Breaker Rating	80 - 125 AMP
Short Circuit Rating	10 kAIC
Main Input Wire Size	#12 - #2/0 AWG Cu - Al
Neutral Contacts	#14 - #2/0 AWG Cu - Al
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		



PTS92539 Load Examples

Base P/N	AMP POS	Position												SPD	kA	Description			
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12						
PTS92539	- 012	- A	A	A	A	A	A							- P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 6x10A 1Pole Load			
PTS92539	- 012	- K	K	K	K	K	K							- P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 6x20A 1Pole Load			
PTS92539	- 212	- V		V		V		V		K	K	K	K	- P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 4x20A 2Pole & 4x20A 1Pole Load			
PTS92539	- 212	- X	X	X										- P2	-	208/240 VAC 70A 10 kAIC Main; P2 SPD; No Load Breakers			
PTS92539	- 212	- 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		
		2Pole						W					L	N	Q	R	V	T	
		Amperage Code #### # = Main Breaker Amperage 8=80A; 9=90A; 0=100A; 2=125A ### = 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

PTS92539 Outline Drawings

