

208/240 VAC, 8 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-UL98 LockOut/TagOut



Electrical Specifications

PTS90528

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 - #4 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	8 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



PTS90528 Load Examples

Base P/N	-	A M P	-	Position								SPD	-	kA	Description							
				P1	P2	P3	P4	P5	P6	P7	P8											
PTS90528	-	6	-	A	A	A	A	A				-	P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 5x10A 1Pole Load							
PTS90528	-	6	-	K	K	K	K	K				-	P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 5x20A 1Pole Load							
PTS90528	-	6	-	7	7	7	7	7	7	7	7	-	P2	-	208/240 VAC 60A 10 kAIC Main; P2 SPD; 8x7A 1Pole Load							
PTS90528	-	6	-	X	X	X						-	P2	- 22	208/240 VAC 60A 22 kAIC Main; P2 SPD; No Load Breakers							
PTS90528	-	7	-	K	K	K	K	K				-	P2N	-	208/240 VAC 70A 10 kAIC Main; P2N SPD; 5x20A 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		
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-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								

PTS90528 Outline Drawings

