



PTS90421 Series Small Cell AC Power Distribution Panels

Small Cell AC Power Distribution Panel with Surge Protection

Suitable for Use as Service Equipment



Compact Small Cell AC Load Center. Factory loaded with a 60 AMP Main Breaker, and up to 6 Load Breakers per customer deployment requirements.

Single and Dual SPD options available.

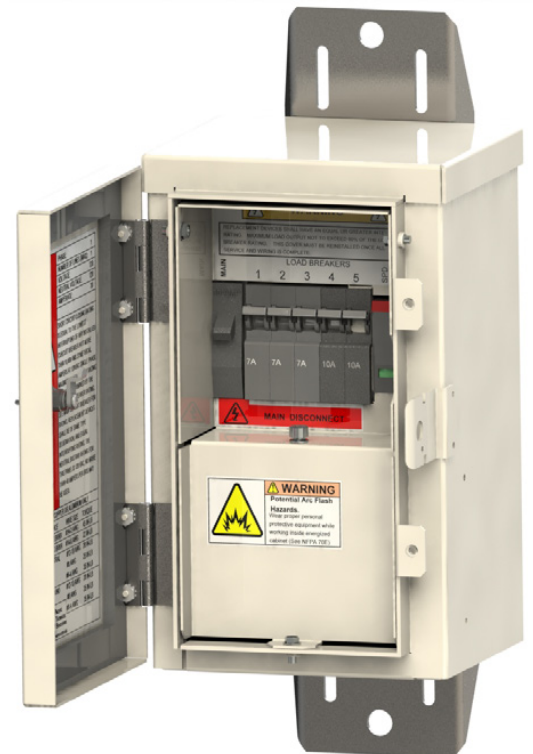
Pole mounting bracket pre-installed

Electrical Specifications

Operating Voltage	120 VAC
Main Breaker Rated	60 AMP
Conditional Short	10 kAIC
Distribution Breakers	Max of (6) UL489 Breakers 0-20 AMP
Power Input Wire Size	#14 - #4 awg Cu - Al
Power Output Wire Size	#14 - #4 awg Cu - Al
Neutral & Ground Contacts	#14 - #4 awg Cu - Al
SPD, Dual MOV (L-G) or (L-N) & (N-G)	20 kA 8/20 μ s Nominal
External Ground Connection	2-hole 1/4-20 w/ 5/8" spacing
UL Certification	UL67 Panel Boards

Mechanical Specifications

Housing Material	Powder Coated Aluminum
Breaker Access	Thumb knob & lockable hasp
Housing Dimensions (H x W x D)	(Excludes hasp & bracket)
PTS90421	10.13 x 6.15 x 6.00
Unit Weight / Shipping Wt	10lbs/12lbs
Operating Temp	-40 C to 60 C
Humidity	95% Non-Condensing



PTS90421





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Load Out Matrix

Base P/N		Position										Description								
P1	P2	P3	P4	P5	P6*	P														
PTS90421 -	6 -	7	7	7	#	#	-	P	-	0	PICO SUSE									
PTS90421 -	6 -	G	G	#	#	#	-	P	-	0	MICRO SUSE									
<p>0 = No External AC Disconnect Switch</p> <p>P = Single SPD (L-N), max 6 breaker positions</p> <p>PN = Dual SPD (L-N) and (N-G), max 5 breaker positions</p>																				
AMP =		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
Code =		1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	K
Amperage Code (6=60A) 10 kA Main Breaker																				

P6* - 6th breaker position is only available with a Single SPD, Dual SPD takes up the 6th position

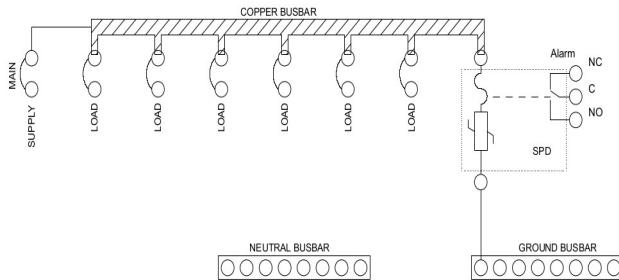
Additional/Spare Breakers	
PTS P/N	Description
PT-KM1N-07A	UL489A DIN Rail Breaker, 07 AMP
PT-KM1N-10A	UL489A DIN Rail Breaker, 10 AMP
PT-KM1N-12A	UL489A DIN Rail Breaker, 12 AMP
PT-KM1N-16A	UL489A DIN Rail Breaker, 12 AMP
PT-KM1N-20A	UL489A DIN Rail Breaker, 20 AMP
PT-KM1N-25A	UL489A DIN Rail Breaker, 25 AMP





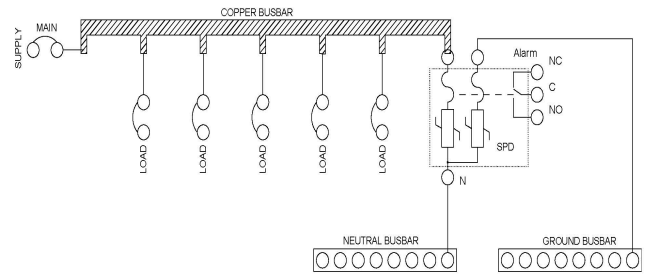
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PTS90421 Wiring Drawing



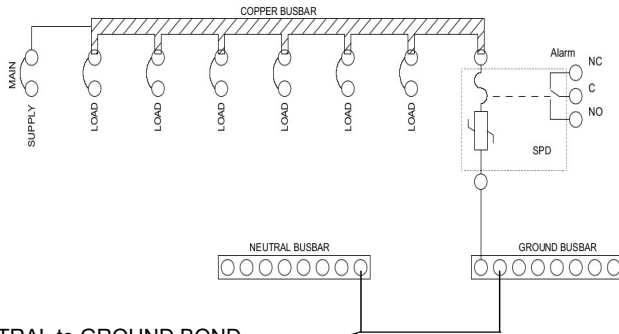
Single SPD Wiring Diagram

Drawing above shows equipped with Single SPD, supporting up to 6 load breaker positions.



Dual SPD Wiring Diagram

Drawing above shows equipped with Dual SPD, supporting up to 5 load breaker positions.



NEUTRAL to GROUND BOND
Required when using for
SERVICE EQUIPMENT

Suitable for Use as Service Equipment

Drawing above shows equipped with Neutral to Ground Bond Required when using for Service Equipment.





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PTS90421 Outline Drawing

