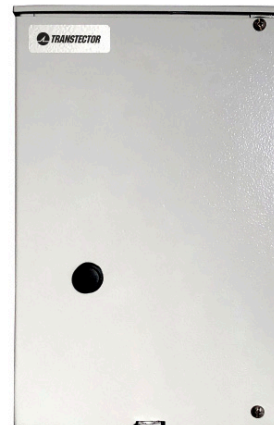


Small Cell | 5G | DAS

AC Power Distribution Cabinet

Small Cell, CRAN and 5G architectures vary significantly based on local market requirements and communication equipment deployed on site. Transtector Systems AC Power Distribution Cabinets provide the configurability, flexibility and dynamic reliability to effectively manage service entrance disconnect functionality and meet site requirements and industry standards.

In Small Cell, Multi-Tenant and Co-Located applications, engineers and installers face a broad range of power issues—everything from local codes to growing load requirements, a variety of mission-critical equipment, and more. Field-configurable Transtector cabinets provide best-in-class surge protection, flexibility to meet today's diverse demands, and expansion capabilities for the future.



Features

- 100A 120/240VAC 2-Pole Main Breaker
- SUSE Rated
- UL67 Listed
- NEMA 3R
- 14 Field Configurable Load Breaker Positions
- Surge Protection Included

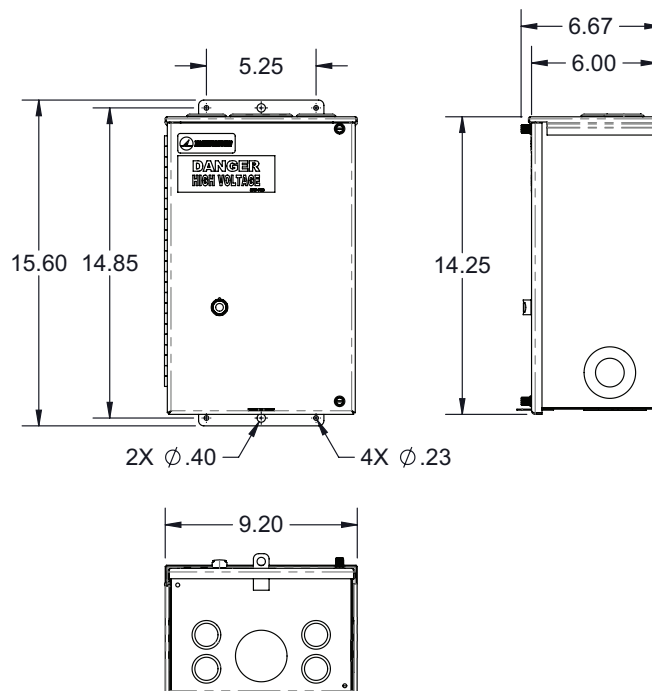
Benefits

- Configurable AC power design supports unique market architecture requirements and lowers total cost of ownership
- Suitable for Use as Service Equipment rated - reduces the need for a separate service disconnect between utility and cabinet.
- Co-location approved
- Mix single-pole and two-pole load breakers along the 14 positions, shunt trip, surge protection, and auxiliary power configurations
- Can equip panel with high current branch breaker for sub-panel expansion or ROW extension
- Accessory load breakers sold separately

Applications

- Small Cells
- Multi-Tenant sites
- Pico, Micro Cells
- 5G Nodes
- Co-Location Sites
- DAS Systems
- WISP & Private Networks
- Light, Utility & Concealment Poles

Drawings



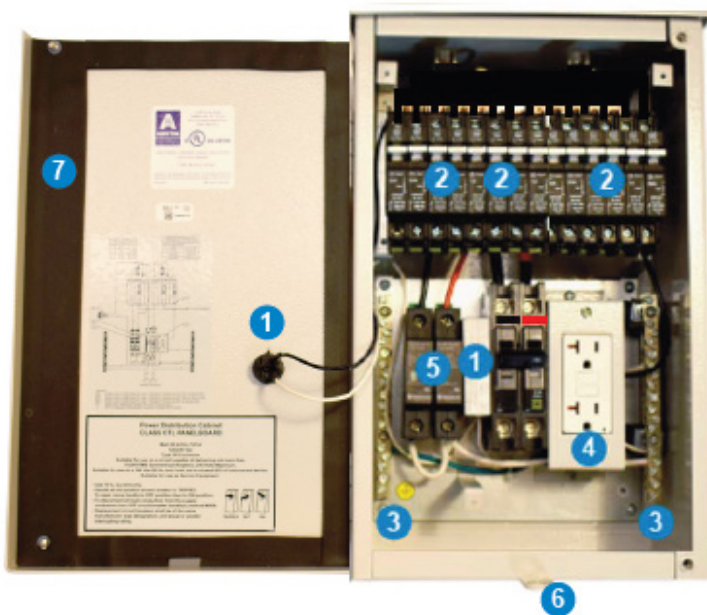
Specifications SC-2MMA9 Series

Electrical	
Input Voltage	120V Single-phase or 240V Split-phase
Frequency Range	50/60Hz
Input Current Options	60A, 100A (UL489)
Short Circuit Rating/Fault Rating	10kAIC
Service Wire Size	#2/0 to #12 AWG
Input Options	Main Breaker or Main Breaker w/Shunt Trip for 100A Models
Input Connection	Main Breaker Terminals

Specifications Continued

Output Voltage	120V Single-phase and/or 240V Split-phase
Single-Pole Load Breaker Options	1A, 5A, 7A, 10A, 15A, 20A, 25A (UL489)
Two-Pole Load Breaker Options	15A, 20A, 25A (UL489)
Two-Pole Branch Breaker Options for ROW Extension	15A, 20A, 30A, 40A, 50A, 60A (UL489)
Total Number of Available Outputs	Up to 14 Single-pole and/or up to 8 Double-pole Branch Breaker Positions
Load and Branch Wire Size	#4 to #18 AWG – Based on Breaker Size
Operating Temperature	-20° C to +55° C
Humidity	90% Non-condensing
Standards	UL 67
Mechanical	
Dimension	14" x 9" x 6"
Weight	16 to 24 lbs Depending on Configuration
Material	16 Gauge Steel
Finish	Powder Coat
Mounting	Pole, Wall, H-Frame or Internal to Concealment Pole
Enclosure Rating	NEMA 3R
Security	Padlock Hasp
Door Secure Method	Bail Latch
Surge Protection	
SPD Option	I2R-75K MOV
Protection Modes	L-N & L-L
Surge Rating Nominal (8x 20 µs)	20kA
Surge Rating Max (8x 20 µs)	75kA

SC-2MMA9 Series of AC Load Center Cabinets



- 1 100A 2-Pole Main Breaker with optional Shunt Trip
- 2 14 field configurable breaker positions
- 3 Ground, neutral bars
- 4 Optional 120/240V 30A to 60A Branch Breaker or GFCI Convenience Outlet
- 5 Safe and reliable surge protection available, using Silicon or MOV technology with status indication
- 6 Padlock hasp for physical security
- 7 NEMA 3R weatherization

Whether you're addressing power in for Small Cells, CRAN, DAS or 5G topologies, Transtector AC power distribution cabinets provide a safe, non-obtrusive, lightweight platform for quick, cost-effective startup and long-term protection.

Popular Base Models with the Shortest Lead Times in the Industry

Part Number	Main Breaker Amperage	Shunt Trip Option	Surge Protector	Auxiliary Power Option	Equipped Load Breakers (Pos 1-14)
SC-2MMA9-8602-NMN28C	100A	No	I2R-75KE240	None	5x 15A 1-pole
SC-2MMA9-8602-NMN40C	100A	No	I2R-75KE240	None	5x 20A 1-pole
SC-2MMA9-8602-NMG28C	100A	No	I2R-75KE240	20A GFCI outlet	5x 15A 1-pole
SC-2MMA9-8602-NMG40C	100A	No	I2R-75KE240	20A GFCI outlet	5x 20A 1-pole
SC-2MMA9-8602-NMN53C	100A	No	I2R-75KE240	None	6x 10A 1-pole, 2x 25A 2-pole
SC-2MMA9-8602-TMN54C	100A	Yes	I2R-75KE240	None	8x 10A, 3x 20A, 1x 5A 1-pole; 1x 25A 2-pole
SC-2MMA9-8602-NMG52C	100A	No	I2R-75KE240	20A GFCI outlet	3x 15A 1-pole; 2x 20A 2-pole
SC-2MMA9-8602-NM600C	100A	No	I2R-75KE240	60A 2-pole branch breaker	None

Custom Configurations

Custom configurations are also available providing a full array of main breaker, branch breaker, convenience outlet, surge protection and indicator light options to meet your network needs.

Example Configuration SC-2MMA9-8602-TM640C

100 Main Breaker with Shunt Trip and MOV Surge Protection, 60A 2-Pole Branch Breaker for sub-panel expansion or ROW extension, 5x 20A 1-Pole Load Breakers

SC-2MMA9		*		*		*		*		C
↑		↑		↑		↑		↑		↑
Base Model		Shunt Trip Breaker		Surge Protection		Auxiliary Power Options		Popular Load Breaker Configurations		Co-Location Design
SC-2MMA9-8602	100A Main Breaker	T	Shunt Trip Option	M	I2R-75K MOV SPD	G	20A GFCI outlet	00	None	
SC-2MMA9-7602	60A Main Breaker	N	No Shunt Trip Option	S	I2R IEP SASD SPD	1	15A 2-pole branch breaker	17	4x 15A, 6x 10A 1-pole	
SC-2MMA9-5602-	50A Main Breaker			N	No SPD Selection	2	20A 2-pole branch breaker	28	5x 15A 1-pole	
						3	30A 2-pole branch breaker	40	5x 20A 1-pole	
						4	40A 2-pole branch breaker	50	4x 10, 1x 7A 1-pole; 2x 15A 2-pole	
						5	50A 2-pole branch breaker	52	3x 15A 1-pole; 2x 20A 2-pole	
						6	60A 2-pole branch breaker	53	6x 10A 1-pole; 2x 25A 2-pole	
						N	No selection	54	8x 10A, 3x 20A, 1x 5A 1-pole; 1x 25A 2-pole	

Same-Day Shipping

For mission critical product shipments that require immediate delivery within the shortest available time frame, we offer dependable same-day shipping for all in-stock models.

Transtector is Here to Serve

Our goal is to meet the urgent product requirements of our customers by offering responsive customer service, technical support and a wide variety of quality AC, DC, Data, EMP and Integrated Cabinet solutions. Contact our technical support team at +1 (208) 635 6400 or visit our website at transtector.com for further information or to request a quote.