

Small Cell | 5G | DAS

AC Power Distribution Cabinet

Small cell/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 and co-locate 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

- Compact footprint meets local code requirements
- Mounting options include pole, wall, H-frame or internal to concealment pole
- 10-year warranty
- Standard part numbers are in-stock and available for same-day shipping

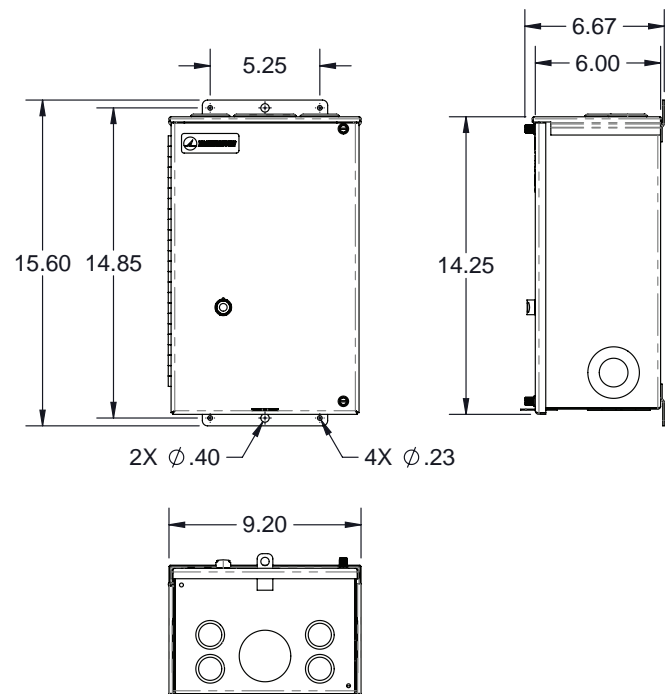
Benefits

- Configurable AC power design supports unique market architecture requirements and lowers total cost of ownership
- Service entrance rated-separate disconnect between utility and cabinet is not required
- Co-location approved
- Easy to customize power cabinet selector offers breakers, shunt trip, surge protection, auxiliary power and DIN rail branch configurations
- Accessory branch breakers sold separately

Applications

- Small Cells
- Pico, Micro, Macro Cells
- 5G Nodes
- DAS Systems
- Co-location Sites
- Light, Utility & Concealment Poles

Drawings



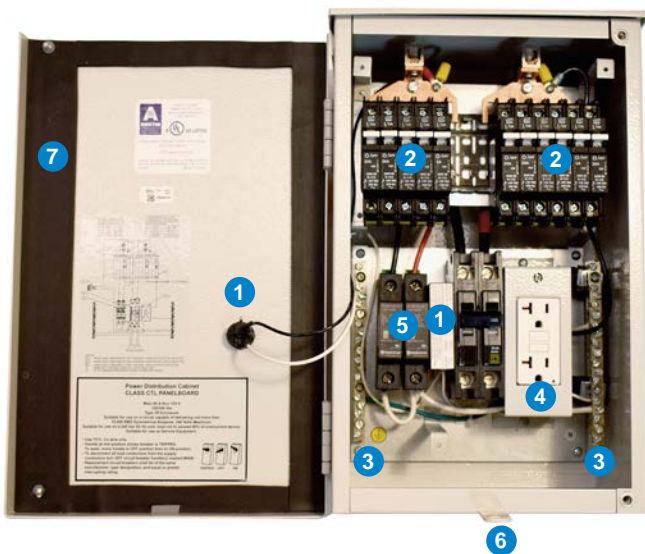
Specifications SC-2MMA9 Series

Electrical	
Input Voltage	120V or 120/240-SP
Frequency Range	50/60Hz
Input Current Options	50A, 60A, 100A, 125A
Short Circuit Rating/Fault Rating	10kAIC
Service Wire Size	#2 to #8 AWG
Input Options	Main Breaker or Main Breaker w/Shunt Trip
Input Connection	Compression Lug

Specifications Continued

Output Voltage	120V-1P or 240V-2P
Branch Breaker Options	1A, 5A, 7A, 10A, 15A, 20A, 25A
Number of available outputs	12 Output Breaker Positions
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 Service Entrance, NEC
Mechanical	
Dimension	14" x 9" x 6"
Weight	16 lbs
Material	16 Gauge Steel
Finish	Powder Coat
Mounting	Pole, Wall, H-Frame or Internal to Concealment Pole
Enclosure Rating	NEMA 3R
Security	Padlock Hasp
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
Monitoring	Red and Green Suppression Status Indication
Technology	MOV

SC-2MMA9 Series of Small Cell Cabinets



- 1 Main breaker with optional shunt trip feature
- 2 12 field configurable branch breaker positions
- 3 Ground, neutral bars
- 4 Optional 240V auxiliary breaker or 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 GSMA, CDMA, LTE, WiMAX, 3G, 4G or 5G topologies, Transtector AC power distribution cabinets provide a safe, non-obtrusive, lightweight platform for quick, cost-effective startup and long-term protection.

Base Models are In Stock and Available for Same-Day Shipping

Part Number	Main Breaker Amperage	Shunt Trip Option	Factory Loaded Branch Breakers	Open Branch Breaker Positions	Auxiliary Power Type	Surge Protection Option	Certifications
SC-2MMA9-8602-NM317	100 A	-	4x 15A, 6x 10A	2	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-8602-NMG17	100 A	-	4x 15A, 6x 10A	2	240V 125A	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-8602-NMG15	100 A	-	2x 25A, 1x 20A, 3x 10A	6	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-8602-NMN01	100 A	-	2x 20A	10	-	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-8602-TMG01	100 A	Yes	2x 20A	10	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NM116	60 A	-	4x 15A, 5x 10A, 1x 7A	2	240V 15A	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NM101	60 A	-	2x 20A	10	240V 15A	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NMD01	60 A	-	2x 20A	10	NEMA 5-15	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NMG12	60 A	-	8x 10A, 4x 7A	0	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NMG14	60 A	-	2x 20A, 1x 7A	9	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NMN01	60 A	-	2x 20A	10	-	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NMN13	60 A	-	3x 20A, 1x 10A	8	-	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NMN17	60 A	-	4x 15A, 6x 10A	2	-	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-7602-NNN01	60 A	-	2x 20A	10	-	-	UL 67, NEMA 3R
SC-2MMA9-7602-TMG01	60 A	Yes	2x 20A	10	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-5602-NMN10	50 A	-	2x 20A, 2x 7A	8	-	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition
SC-2MMA9-5602-TMG10	50 A	Yes	2x 20A, 2x 7A	8	GFCI	I2R-75K MOV	UL 67, NEMA 3R, UL 1449 4th Edition

Custom Configurations

Custom configurations are also available for each of our AC power distribution cabinets providing a full array of surge, auxiliary power, main breaker, and branch configurations to meet your network needs.

Example Configuration SC-2MMA9-9612-TMG01

125A Main Breaker with Shunt Trip Option using MOV Surge Protection, GFCI Power Outlet and 2 x 20A DIN Rail Branch Breaker Configuration

SC-2MMA9	*	*	*	*	
↑	↑	↑	↑	↑	
Base Model	Shunt Trip Breaker		Surge Protection	Auxiliary Power Options	DIN Rail Branch Configuration
SC-2MMA9-9612- 125A Main Breaker	T Shunt Trip Option	M I2R-75K MOV SPD	G GFCI Auxiliary Power Outlet	01 2x 20A	
SC-2MMA9-8602 100A Main Breaker	N No Shunt Trip Option	S I2R IEP SASD SPD	D Standard NEMA 5-15 Auxiliary Power Outlet	02 2x 25A	
SC-2MMA9-7602 60A Main Breaker		N No SPD Selection	1 15A, 240V, 2-Pole Breaker	03 12x 20A	
SC-2MMA9-5602- 50A Main Breaker			2 20A, 240V, 2-Pole Breaker	04 12x 10A	
			3 25A, 240V, 2-Pole Breaker	05 12x 7A	
			N No Power Selection	06 4x 20A, 4x 10A, 4x 7A	
				07 2x 20A, 2x 15A, 2x 10A, 2x 7A, 2x 5A, 2x 1A	
				08 2x 25A, 2x 20A, 2x 15A, 2x 10A, 2x 7A, 2x 5A	
				09 2x 7A	
				10 2x 7A, 2x 20A	
				11 8x 20A	
				12 8x 10A, 4x 7A	
				13 3x 20A, 1x 10A	
				14 2x 20A, 1x 7A	
				15 2x 25A, 1x 20A, 3x 10A	
				16 4x 15A, 5x 10A, 1x 7A	
				17 4x 15A, 6x 10A	

Same-Day Shipping

For mission critical product shipments that require immediate delivery within the shortest available time frame, we offer dependable same-day shipping that you can count on for our standard AC protection cabinets.

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.