

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-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

- Field-configurable branch breakers
- Compact footprint meets local code requirements
- Mounting options include pole, wall, H-frame or internal to concealment pole
- Power indicator light option available

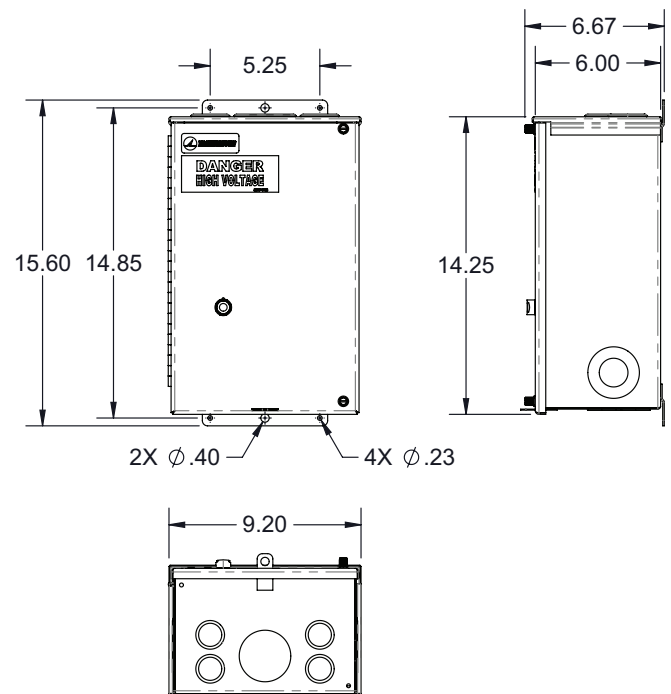
### Benefits

- 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



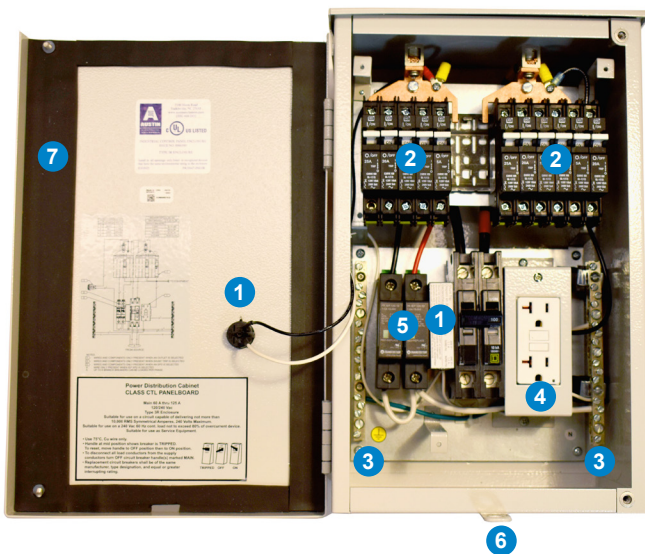
### Specifications SC-2MMA9 Series

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

## Specifications Continued

Output Voltage	120V Single-phase and/or 240V Split-phase
Branch Breaker Options	1A, 5A, 7A, 10A, 15A, 20A, 25A
Number of available outputs	Up to 12 Single-pole and/or up to 3 Double-pole Branch 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 or UL 508A Service Entrance, NEC
<b>Mechanical</b>	
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 or Thumbscrew Options Available
<b>Surge Protection</b>	
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 breakers 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.

## Popular Base Models with the Shortest Lead Times in the Industry

Part Number	Main Breaker Amperage	Shunt Trip Option	Factory Loaded Branch Breakers	Open Branch Breaker Positions	GFCI Outlet	Surge Protector
SC-2MMA9-8602-TMG40	100A	Yes	5x 20A	7	Yes	I2R-75KE240
SC-2MMA9-8602-TMG36	100A	Yes	6x 5A, 4x 10A, 1x 15A 2-Pole	0	Yes	I2R-75KE240
SC-2MMA9-8602-TMG01	100A	Yes	2x 20A	10	Yes	I2R-75KE240
SC-2MMA9-8602-TM334	100A	Yes	8x 10A, 3x 20A, 1x 5A, 1x 25A 2-Pole	0		I2R-75KE240
SC-2MMA9-8602-NMG17	100A		4x 15A, 6x 10A	2	Yes	I2R-75KE240
SC-2MMA9-8602-NM332	100A		6x 10A, 2x 25A 2-Pole	4		I2R-75KE240
SC-2MMA9-7602-NMN17	60A		4x 15A, 6x 10A	2		I2R-75KE240
SC-2MMA9-7602-NMN01	60A		2x 20A	10		I2R-75KE240
SC-2MMA9-5602-NMN10	50A		2x 7A, 2x 20A	8		I2R-75KE240

## 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-TMG36

100A Main Breaker w/Shunt Trip Option using MOV Surge Protection, GFCI Outlet, 6x 5A, 4x 10A, 1x 15A 2-Pole DIN Rail Branch Breaker Configuration

SC-2MMA9		*	*	*	*				
↑		↑	↑	↑	↑				
Base Model		Shunt Trip Breaker		Surge Protection		Auxiliary Power Options		Popular Branch Breaker Configurations	
SC-2MMA9-8602	100A Main Breaker	T	Shunt Trip Option	M	I2R-75K MOV SPD	G	GFCI Auxiliary Power Outlet	01	2x 20A
SC-2MMA9-7602	60A Main Breaker	N	No Shunt Trip Option	S	I2R IEP SASD SPD	D	Standard NEMA 5-15 Auxiliary Power Outlet	10	2x 7A, 2x 20A
SC-2MMA9-5602-	50A Main Breaker			N	No SPD Selection	1	15A, 240V, 2-Pole Breaker	17	4x 15A, 6x 10A
						2	20A, 240V, 2-Pole Breaker	32	6x 10A, 1x 25A 2-Pole
						3	25A, 240V, 2-Pole Breaker	34	8x 10A, 3x 20A, 1x 5A
						N	No Power Selection	36	6x 5A, 4x 10A, 1x 15A 2-Pole
								40	5x 20A

## 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.