

Electrical Cabinet 120/240 Vac 100A Main 4x 15A + 6x 10A Field Configurable Branches, MOV SPD, 25A 240V Breaker, UL67 Service Entrance Rated



SC-2MMA9-8602-NM317

100A Main Breaker, No ST, MOV SPD,
25A 240V Breaker, 4x15A/6x10A

Features

- UL67 Listed
- Suitable for use as service equipment
- 100A Main Breaker
- 4x 15A, 6x 10A Factory Loaded Field-Configurable Branch Breakers
- 2 Open Field-Configurable Branch Breaker Locations
- Integral surge protection protects all downstream equipment
- 25A 240V 2-Pole Breaker Auxiliary Outlet
- Versatile Wiring Access
- Pole Mount or Wall Mount (external pole mount kit SC-POLE-KIT sold separately)
- Padlock hasp for physical security

Applications

- Small Cells
- Pico Cells
- Micro Cells
- Macro Cells
- 5G Nodes
- DAS Systems
- Load Expansion

Description

Small cell/5G/DAS electrical power protection cabinet (also known as power distribution box) SC-2MMA9-8602-NM317 from Transtector, is a UL67 Listed service entrance rated power distribution box that accepts a 120/240 Vac split-phase electrical service, and distributes power from a 100A main breaker to individual loads via 12 field configurable 1 – 25A branch circuit breaker positions. Transtector electrical cabinets are available in stock with same day shipping.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---------|-------------------------|---------|-------|
| Service Voltage | | 120/240 | | Vac |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| L - L | | | 350 | Vac |
| L - N | | | 175 | Vac |
| SCCR (Short Circuit Current Rating) | | | 10 | kAIC |
| Main Breaker Rating | | 100 | | A |
| Branch Breaker Rating | | 4x 15A + 6x 10A | | A |
| Auxiliary Branch Power | | 25A 240V 2-Pole Breaker | | |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Electrical Cabinet 120/240 Vac 100A Main 4x 15A + 6x 10A Field Configurable Branches, MOV SPD, 25A 240V Breaker, UL67 Service Entrance Rated SC-2MMA9-8602-NM317](#)

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Surge Protection Specification

| Description | Minimum | Typical | Maximum | Units |
|-------------------------------------|---------|----------|---------|-------|
| Surge Protection Technology | | MOV SPD | | |
| Protection Modes | | L-L, L-N | | |
| 8/20 μ s Surge Current | | 20 | 75 | kA |
| VPR 8/20 μ s | | | | |
| L - L | | | 1,200 | Vpk |
| L - N | | | 600 | Vpk |
| SCCR (Short Circuit Current Rating) | | 200 | | kAIC |

Mechanical Specifications

Size

| | | |
|--------------------------------|---------|-------------|
| Outer Height | 14.25in | [361.95 mm] |
| Outer Width | 9.2 in | [233.68 mm] |
| Outer Depth | 6.32 in | [160.53mm] |
| Weight | 20 lbs | [9.07 kg] |
| Enclosure Material and Plating | Steel | |

Installation

| | |
|---------------------------------|---------------------------------------|
| Mount Type | Wall or Pole Mount |
| Service Wiring Terminals | Compression Lug #3 AWG to #8 AWG |
| Branch Wiring Terminals | Compression Lug #4 AWG to #18 AWG |
| SPD Status Indication Terminals | 3-Pin Connector #22 AWG to #16 AWG |

Environmental Specifications

| | |
|-------------------------------|--------------------|
| Temperature (Operating Range) | -20 to +55 deg C |
| Temperature (Storage Range) | -40 to +65 deg C |
| NEMA Rating | 3R |
| Humidity | 90% non-condensing |

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Compliance Certifications

UL Listed

UL67 (Suitable for use as a service equipment)

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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URL: <https://www.transtector.com/electrical-cabinet-split-phase-120-240-vac-sc-2mma9-8602-nm317-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

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SC-2MMA9-8602-NM317 CAD Drawing

