

Power/Fiber Cabinet, 100A Main, 6x 15A 1P breakers, 1x 20A 2P breaker, GFCI, 24x Fibers, 3x RJ45 Couplers



SC-3MM100-04-GF2RJ

Power/Fiber Cabinet, 100A Main, 6x 15A 1P breakers, 1x 20A 2P breaker, GFCI, 24x Fibers, 3x RJ45 Couplers

Features

- UL 508A Listed
- Suitable for use as service equipment
- 100A Main Breaker with access flap
- 6x 15A 1-Pole, 1x 20A 2-Pole Factory Loaded Field-Configurable Branch Breakers
- 12 Open Field-Configurable Branch Breaker Locations
- Integral surge protection protects all downstream equipment
- 24 LC/UPC Fiber Connections
- 3 Cat6 RJ45 Couplers
- Versatile Wiring Access
- Padlock hasp for physical security
- Pole mount kit SC-Pole-Kit-XL sold separately

Applications

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

Description

5G/small cell/DAS electrical power + fiber protection cabinet (also known as power distribution box) SC-3MM100-04-GF2RJ from Transtector, is a UL 508A 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 a combination of 18 field-configurable 1 - 25A single-pole and double-pole branch circuit breaker positions. SC-3MM100-04-GF2RJ also provides 24 LC/UPC fiber connections and 3 cat6 RJ45 couplers in an isolated compartment for convenient network connectivity within the same box.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltage		240/120		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		6x 15A 1-Pole , 1x 20A 2-Pole		A
Outlet Type		20A GFCI		
LC/UPC Fiber Connections		24		
Cat6 RJ45 Couplers		3		

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Power/Fiber Cabinet, 100A Main, 6x 15A 1P breakers, 1x 20A 2P breaker, GFCI, 24x Fibers, 3x RJ45 Couplers SC-3MM100-04-GF2RJ](#)

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
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	29in	[736.6 mm]
Outer Width	14 in	[355.6 mm]
Outer Depth	5 in	[127mm]
Weight	44 lbs	[19.96 kg]
Enclosure Material and Plating	Steel, 16 guage 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

UL 508A

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-outdoor-split-phase-240-120-sc-3mm100-04-gf2rj-p.aspx>

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SC-3MM100-04-GF2RJ CAD Drawing

