Power/Fiber Cabinet, 100A Main, no 1P breakers, no 2P breakers, no GFCI, 24x Fibers, 3x RJ45 Couplers

SC-3MM100-XX-F2RJ

Power/Fiber Cabinet, 100A Main, no 1P breakers, no 2P breakers, no GFCI, 24x Fibers, 3x RJ45 Couplers

Features

- UL 508A Listed
- Suitable for use as service equipment
- 100A Main Breaker with access flap
- No Factory Loaded Field-Configurable Branch Breakers
- 18 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-XX-F2RJ 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-XX-F2RJ 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		None		A
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, no 1P breakers, no 2P breakers, no GFCI, 24x Fibers, 3x RJ45 Couplers SC-3MM100-XX-F2RJ

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-L, L-N		
8/20µs Surge Current		20	75	kA
VPR 8/20µs				
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	35 lbs [15.88 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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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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-xx-f2rj-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.

Power/Fiber Cabinet, 100A Main, no 1P breakers, no 2P breakers, no GFCI, 24x Fibers, 3x RJ45 Couplers

SC-3MM100-XX-F2RJ CAD Drawing

100A 2P MAIN BREAKER

KNOCKOUTS FOR POWER INGRESS

24 FIBER CONNECTORS

3X RJ45 COUPLERS

KNOCKOUTS FOR FIBER INGRESS

CONDUIT HUB FOR FIBER ROUTING

2X CONDUIT HUBS FOR POWER WIRING

LOCKABLE BAIL LATCH

LOCKABLE ACCESS FLAP FOR MAIN BREAKER

6.2 [157.2]

5.3 [134.7]

14.5 [367.5]

29.8 [756.9]

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	9/10/20	DWR

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
	FRACTIONS:
X = ± .2 [5.08]	± 1/32
.XX = ± .02 [.51]	ANGLES ± 1°
.XXX = ± .005 [.13]	

CABLE LENGTH (L) TOLERANCES:
L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

T-Rev_D