AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-7239-P-240 • RSCAC-7239-P-240-D • RSCAC-7239-P-240-D4

The RSCAC-7239 series is an AC Disconnect and Surge Protection Device that is Suitable for Use as Service Equipment (SUSE). It is designed to provide robust overvoltage surge protection for the AC power circuits for today's small cell radio systems. It employs Strikesorb® 30-A-2CHV modules capable of withstanding direct surge currents up to 5kA (10/350 μs) and induced surge currents up to 60 kA (8/20 µs). The RSCAC-7239 series provides dual (Line 1 to Neutral) (Line 2 to Neutral) protection for up to twelve









RSCAC-7239-P-240-D RSCAC-7239-P-240-D4

Features

- 100A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC, 42kAlC rated
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- · Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount

- NEMA 4 rated enclosure
- Up to twelve circuits for individual power control and over current protection of up to twelve small cell radio heads
- Offers unique maintenance free protection
- · Lightweight design allows easy installation





AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-7239-P-240 • RSCAC-7239-P-240-D • RSCAC-7239-P-240-D4

Strikesorb®

Model Number	RSCAC-7239-P-240	RSCAC-7239-P-240-D	RSCAC-7239-P-240-D4
Main Disconnect	100A main breaker	100A main breaker	100A main breaker
Number of Circuits	Available up to 12	Available up to 12	Available up to 12
Breakers	Includes (6) tandem breakers	Includes (6) tandem breakers	Includes (6) tandem breakers
Breaker Interrupt Rating (KAIC)	22kA	22kA	42kA
Mean of External Disconnect	Internal	Hinged Cover	Hinged Cover
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Edition	Recognized UL SPD	Recognized UL SPD	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I	Class I	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase	120V / 240V split phase	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Edition	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 μs	60 kA 8/20 µs	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs	5kA 10/350μs	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)	150V per line	150V per line	150V per line
Voltage Protection Level [U _p] per IEC 61643-11	700V	700V	700V
Suppression Technology	MOV	MOV	MOV
Protection Modes	Line 1 to Neutral, Line 2 to Neutral	Line 1 to Neutral, Line 2 to Neutral	Line 1 to Neutral, Line 2 to Neutral
Mechanical			
Connection (Power)	Main Breaker #12 - #2Ø AWG Branch Breaker #14 - #8 AWG Ground and Neutral Busbars #	,	
Environmental Ingress Protection (IP) Rating	NEMA 4		
Operation Temperature (°C)	-40° C to +80° C		
Storage Temperature (°C)	-70° C to +80° C		
Enclosure Type (Outdoor)	Powder Coated Steel, NEMA	4	
Enclosure Dimension (L×W×H)	17.220" x 9.565" x 5.529"		
Weight	16.90 lbs [7.66 kg]		

UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1

Product Diagram

Certification UL, VDE, CE

Panel Board Certification UL 67

Circuit Breaker 1P 15A/15A Tandem QO Circuit Breaker 1P 20A/20A Tandem QO Circuit Breaker 1P 30A/30A Tandem QO





included

Raycap [437.39] 17.220 [140.44] 5.529

[242.95] 9.565

RSCAC-7239-P-240 RSCAC-7239-P-240-D RSCAC-7239-P-240-D4 *Hinged cover not shown







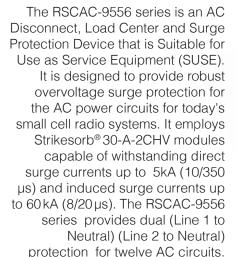
AWG=American Wire Gauge



AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-9556-P-240 • RSCAC-9556-P-240-D RSCAC-9556-P-240-DL • RSCAC-9556-PH-240

Strikesorb®





RSCAC-9556-P-240

RSCAC-9556-P-240-DL

Features

- 100A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC
- 22kA Fault Current Rating (Kaic)
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- 120/240VAC split phase configuration
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount



RSCAC-9556-P-240-D

Benefits

- Offers unique maintenance free protection
- NEMA 4X or IP 68 & NEMA 6/6P rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation



Bracket Included

Up to twelve circuits for individual power control and over current protection of up to twelve small cell radio heads

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AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-9556-P-240 • RSCAC-9556-P-240-D RSCAC-9556-P-240-DL • RSCAC-9556-PH-240

Strikesorb®

1100	DAG-3330-1 -2-10-DE - 110	JOAO-3330-1 11-2-10	
Electrical			
Model Number	RSCAC-9556-P-240	RSCAC-9556-P-240-D/DL	RSCAC-9556-PH-240
Main Disconnect	100A main breaker	100A main breaker	100A main breaker
Number of Circuits	Available up to 12	Available up to 12 (-D) 11x for customer use, 1x LED (-DL)	Available up to 12
Breakers	Includes 6 tandem	Includes 6 tandem	Includes 6 tandem
Breaker Interrupt Rating (KAIC)	22kA	22kA	22kA
Means of External Disconnect	Internal	Hinged Cover (-D) with power on indication (-DL)	Internal
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD	Recognized UL SPD	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I	Class I	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase	120V / 240V split phase	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Ed.	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 µs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 μs	60 kA 8/20 µs	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs	5 kA 10/350 µs	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)	150V per line	150V per line	150V per line
Voltage Protection Level [U _D] per IEC 61643-11	700V	700V	700V
Suppression Technology	MOV	MOV	MOV
Protection Modes	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutra
lechanical			
Connection (Power)		G (3.31 - 67.4mm²) Branch Breaker # #14 - #2 AWG (2.08 - 33.6mm²)	14 - #8 AWG (2.5 - 6mm²)
Environmental Ingress Protection (IP) Rating	NEMA 4X	NEMA 4X	IP68 & NEMA 6/6P
Operation Temperature (°C)	-40° C to +80° C	-40° C to +80° C	-40° C to +80° C
Storage Temperature (°C)	-70° C to +80° C	-70° C to +80° C	-70° C to +80° C
Enclosure Type (Outdoor) / Rating	Polycarbonate UL 94V-0	Polycarbonate UL 94V-0	Polycarbonate UL 94V-0
Enclosure Dimension (L×W×H)	12.39" x 9.38" x 5.65"	12.39" x 8.59" x 5.65"	12.39" x 8.59" x 5.65"
Enclosure	Hinged with Clasp	Hinged with Clasp	Hingeless with thumb scre
Weight	8 lbs [3.62kg]	8 lbs [3.62kg]	8 lbs [3.62kg]
tandards Compliance & Certifications			

Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards:

UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1

Product Diagram

Certification

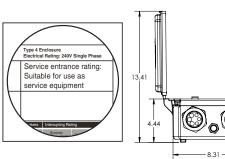
Panel Board Certification

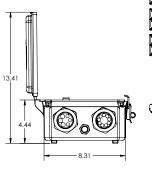
UL, VDE, CE

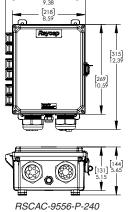
UL 67 (suitable for use as service equipment)

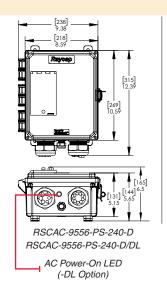
Circuit Breaker 1P 15A/15A Tandem QO Circuit Breaker 1P 20A/20A Tandem QO

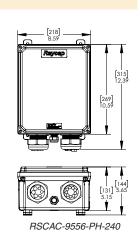
Circuit Breaker 1P 30A/30A Tandem QO















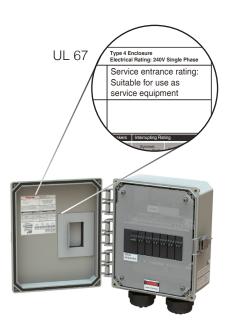




AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-9550-P-240 • RSCAC-9550-PS-240-D • RSCAC-9550-PH-240

The RSCAC-9550 series is an AC Disconnect, Load Center and Surge Protection Device that is Suitable for Use as Service Equipment (SUSE). It is designed to provide robust overvoltage surge protection for the AC power circuits for today's small cell radio systems. It employs Strikesorb® 30-A-2CHV modules capable of withstanding direct surge currents up to 5kA (10/350 μs) and induced surge currents up to 60 kA (8/20 µs). The RSCAC-9550 series provides dual (Line 1 to Neutral)(Line 2 to Neutral) protection for twelve AC circuits.



RSCAC-9550-P-240-D



Bracket Included





Features

- 60A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC
- 22kA Fault Current Rating (Kaic)
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- 120/240VAC split phase configuration
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount

Benefits

- Offers unique maintenance free protection
- NEMA 4X or IP 68 & NEMA 6/6P rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation
- Up to twelve circuits for individual power control and over current protection of up to twelve small cell radio heads

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AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-9550-P-240 • RSCAC-9550-PS-240-D • RSCAC-9550-PH-240

Strikesorb®

Electrical

Model Number	RSCAC-9550-P-240	RSCAC-9550-PS-240-D	RSCAC-9550-PH-240
Main Disconnect	60A main breaker	60A main breaker	60A main breaker
Number of Circuits	Available up to 12	Available up to 12	Available up to 12
Breakers	Includes 6 tandem	Includes 6 tandem	Includes 6 tandem
Breaker Interrupt Rating (KAIC)	22kA	22kA	22kA
Means of External Disconnect	Internal	Hinged Cover	Internal
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD	Recognized UL SPD	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I	Class I	Class I
Nominal Operating Voltage [Un]	120V / 240V split phase	120V / 240V split phase	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Ed.	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 µs	60 kA 8/20 μs	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs	5 kA 10/350 μs	5 kA 10/350 µs
Maximum Continuous Operating Voltage [U _c] (MCOV)	150V per line	150V per line	150V per line
Voltage Protection Level [U,] per IEC 61643-11	700V	700V	700V
Suppression Technology	MOV	MOV	MOV
Protection Modes	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutral
echanical			
Connection (Power)	Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²) Branch Breaker #14 - #8 AWG (2.5 - 6mm²) Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)		
Environmental Ingress Protection (IP) Rating	NEMA 4X	NEMA 4X	IP68 & NEMA 6/6P

		,	
Environmental Ingress Protection (IP) Rating	NEMA 4X	NEMA 4X	IP68 & NEMA 6/6P
Operation Temperature (°C)	-40° C to +80° C	-40° C to +80° C	-40° C to +80° C
Storage Temperature (°C)	-70° C to +80° C	-70° C to +80° C	-70° C to +80° C
Enclosure Type (Outdoor)	Polycarbonate UL 94V-0 Rated	Polycarbonate UL 94V-0 Rated	Polycarbonate UL 94V-0 Rated
Enclosure Dimension (L×W×H)	12.39" x 9.38" x 5.65"	12.39" x 8.59" x 6.5"	12.39" x 8.59" x 5.65"
Enclosure	Hinged with Clasp	Hinged with Clasp	Hingeless with thumb screw
Weight	8 lbs [3.62kg]	8 lbs [3.62kg]	8 lbs [3.62kg]

Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards:

UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1

Product Diagram

Certification

UL, VDE, CE

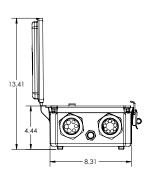
Panel Board Certification

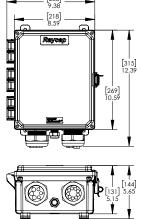
UL 67 (suitable for use as service equipment)

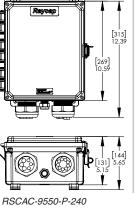
Circuit Breaker 1P 15A/15A Tandem QO Circuit Breaker 1P 20A/20A Tandem QO

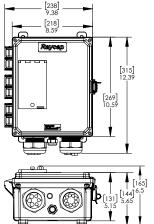
Circuit Breaker 1P 30A/30A Tandem QO

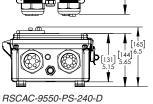




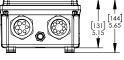








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RSCAC-9550-PH-240







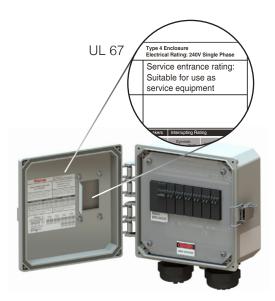


AWG=American Wire Gauge

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads RSCAC1333-P-240-DL

Strikesorb

The RSCAC1333-P-240-DL is an AC Disconnect, Load Center and Surge Protection Device that is Suitable for Use as Service Equipment (SUSE). It is designed to provide robust overvoltage surge protection for the AC power circuits for today's small cell radio systems. It employs Strikesorb® 30-A-2CHV modules capable of withstanding direct surge currents up to 5kA (10/350 µs) and induced surge currents up to 60kA (8/20 µs). The RSCAC1333-P-240-DL provides dual (Line 1 to Neutral (Line 2 to Neutral) protection for up to twelve AC circuits.





Bracket Included



Features

- 60A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC
- 22kA Fault Current Rating (kAIC)
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- 120/240VAC split phase configuration
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- LED indicator for "Power On" status and the position of the Main Breaker Disconnect (Optional)
 - 1 breaker utilized for LED indicator
 - Maximum (11) 120VAC circuits, maximum (5) 240V feeds
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount

Benefits

- Offers unique maintenance free protection
- NEMA 4X or IP 66 rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation
- Up to eleven circuits for individual power control and over current protection of up to eleven small cell radio heads

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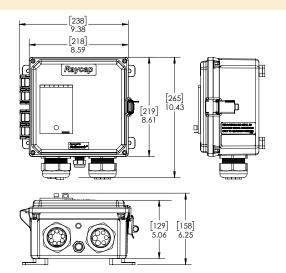


AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads RSCAC1333-P-240-DL

Strikesorb®

Electrical	
Model Number	RSCAC1333-P-240-DL
Service Disconnect	60A main breaker (with external disconnect & Power-ON LED Status Indicator)
Number of Circuits	Available up to 12
Breakers	Includes 6 tandem
Breaker Interrupt Rating (KAIC)	22kA
Means of External Disconnect	Hinged Cover
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)	150V per line
Voltage Protection Level [U _p] per IEC 61643-11	700V
Suppression Technology	MOV
Protection Modes	L1 to Neutral, L2 to Neutral
lechanical	
Connection (Power)	Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²) Branch Breaker #14 - #8 AWG (2.5 - 6mm²) Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Environmental Ingress Protection (IP) Rating	NEMA 4X or IP66
Operation Temperature (°C)	-40° C to +80° C
Storage Temperature (°C)	-70° C to +80° C
Enclosure Type (Outdoor)	Polycarbonate UL 94V-0 Rated
Enclosure Dimension (L×W×H)	10.43" x 9.38" x 6.25"
Enclosure	Hinged with Clasp
Weight	8 lbs [3.62kg]
tandards Compliance & Certifications	
Strikesorb modules are compliant to the following Surge Production	tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification	UL, VDE, CE
Panel Board Certification	UL 67 (suitable for use as service equipment)

Product Diagram











AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads RSCAC-1333-P-240-D

Strikesorb[®]

The RSCAC-1333 series is an AC Disconnect, Load Center and Surge Protection Device that is Suitable for Use as Service Equipment (SUSE). It is designed to provide robust overvoltage surge protection for the AC power circuits for today's small cell radio systems. It employs Strikesorb® 30-A-2CHV modules capable of withstanding direct surge currents up to 5kA (10/350 µs) and induced surge currents up to 60kA (8/20 µs). The RSCAC-1333 series provides dual (Line 1 to Neutral) (Line 2 to Neutral) protection for up to twelve AC circuits.



Features

- 60A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC
- 22kA Fault Current Rating (kAIC)
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- 120/240VAC split phase configuration
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount





Bracket Included

Benefits

- Offers unique maintenance free protection
- NEMA 4X or IP 68 & NEMA 6/6P rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation
- Up to twelve circuits for individual power control and over current protection of up to twelve small cell radio heads

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AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-1333-P-240-D

Strikesorb®

Model Number	RSCAC-1333-P-240-D
Main Disconnect	60A main breaker
Number of Circuits	Available up to 12
Breakers	Includes 6 tandem
Breaker Interrupt Rating (KAIC)	22kA
Means of External Disconnect	Hinged Cover
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)	150V per line
Voltage Protection Level [U _p] per IEC 61643-11	700V
Suppression Technology	MOV
Protection Modes	L1 to Neutral, L2 to Neutral
echanical	
Connection (Power)	Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
	Branch Breaker #14 - #8 AWG (2.5 - 6mm²)
Fundamental la succession (ID) Debinar	Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Environmental Ingress Protection (IP) Rating	NEMA 4X
Operation Temperature (°C)	-40° C to +80° C
Storage Temperature (°C)	-70° C to +80° C
Enclosure Type (Outdoor)	Polycarbonate UL 94V-0 Rated
Enclosure Dimension (L×W×H)	10.43" x 9.38" x 5.06"
Enclosure	Hinged with Clasp
Weight	8 lbs [3.62kg]
andards Compliance & Certifications	
Strikesorb modules are compliant to the following Surge Protect UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2	tive Device (SPD) standards: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1









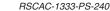
AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-1333-P-240 • RSCAC-1333-P-240-4 • RSCAC-1333-P-240-D RSCAC-1333-PS-240 • RSCAC-1333-PH-240

Strikesorb[®]

The RSCAC-1333 series is an AC Disconnect, Load Center and Surge Protection Device that is Suitable for Use as Service Equipment (SUSE). It is designed to provide robust overvoltage surge protection for the AC power circuits for today's small cell radio systems. It employs Strikesorb® 30-A-2CHV modules capable of withstanding direct surge currents up to 5kA (10/350 µs) and induced surge currents up to 60kA (8/20 µs). The RSCAC-1333 series provides dual (Line 1 to Neutral) (Line 2 to Neutral) protection for up to twelve AC circuits.





RSCAC-1333-PH-240

Features

- 60A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC
- 22kA Fault Current Rating (kAIC) (optional 42kA fault current rating)
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- 120/240VAC split phase configuration
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount



RSCAC-1333-P-240

Benefits

- Offers unique maintenance free protection
- NEMA 4X or IP 68 & NEMA 6/6P rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation
- Up to twelve circuits for individual power control and over current protection of up to twelve small cell radio heads



Bracket Included

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G02-01-490 240515

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Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-1333-P-240 • RSCAC-1333-P-240-4 • RSCAC-1333-P-240-D RSCAC-1333-PS-240 • RSCAC-1333-PH-240

Electrical					
Model Number	RSCAC-1333-P-240	RSCAC-1333-PS-240	RSCAC-1333-PH-240	RSCAC-1333-P-240-D	RSCAC-1333-P-240-4
Main Disconnect	60A main breaker	60A shunt trip main breaker	60A main breaker	60A main breaker	60A main breaker
Number of Circuits	Available up to 12	Available up to 10	Available up to 12	Available up to 12	Available up to 12
Breakers	Includes 6 tandem	Includes 5 tandem	Includes 6 tandem	Includes 6 tandem	Includes 6 tandem
Breaker Interrupt Rating (KAIC)	22kA	22kA	22kA	22kA	42kA
Means of External Disconnect	Internal	Shunt-Trip	Internal	Hinged Cover	Internal
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD	Recognized UL SPD	Recognized UL SPD	Recognized UL SPD	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I	Class I	Class I	Class I	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase	120V / 240V split phase	120V / 240V split phase	120V / 240V split phase	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Ed.	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 µs	20 kA 8/20 μs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 μs	60 kA 8/20 µs	60 kA 8/20 µs	60 kA 8/20 µs	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5kA 10/350μs	5 kA 10/350 μs	5 kA 10/350 μs	5kA 10/350μs	5kA 10/350 µs
Maximum Continuous Operating Voltage [Uc] (MCOV)	150V per line	150V per line	150V per line	150V per line	150V per line
Voltage Protection Level [Up] per IEC 61643-11	700V	700V	700V	700V	700V
Suppression Technology	MOV	MOV	MOV	MOV	MOV
Protection Modes	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutral	L1 to Neutral, L2 to Neutra
Mechanical					
Connection (Power)		VG (3.31 - 67.4mm²) Branch s #14 - #2 AWG (2.08 - 33.6m		6mm²)	
Environmental Ingress Protection (IP) Rating	NEMA 4X	NEMA 4X	IP68 & NEMA 6/6P		
Operation Temperature (°C)	-40° C to +80° C				
Storage Temperature (°C)	-70° C to +80° C				
Enclosure Type (Outdoor)	Polycarbonate UL 94V-0 Ra	ated			
Enclosure Dimension (L×W×H)	10.43" x 9.38" x 5.06"	10.43" x 9.38" x 6.68"	10.43" x 8.59" x 5.06"		
Enclosure	Hinged with Clasp	Hinged with Clasp	Hingeless with thumb screw	1	
Weight	8 lbs [3.62kg]				
Standards Compliance & Certifications					
Strikesorb modules are compliant to the following Surge Pr UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643			62.45: 2002, NEMA-LS-1		
Certification	UL, VDE, CE				
Panel Board Certification	UL 67 (suitable for use as s	ervice equipment)			





AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-7038-P-240 • RSCAC-7038-P-240-D

The RSCAC-7038 series is an AC Disconnect, Load Center and Surge Protection Device that is Suitable for Use as Service Equipment (SUSE). It is designed to provide robust overvoltage surge protection for the AC power circuits for today's small cell radio systems. It employs Strikesorb® 30-A-2CHV modules capable of withstanding direct surge currents up to 5kA (10/350 µs) and induced surge currents up to 60 kA (8/20 µs). The RSCAC-7038 series provides dual (Line 1 to Neutral)

(Line 2 to Neutral) protection for up to eleven AC circuits.





RSCAC-7038-P-240

RSCAC-7038-P-240-D

Features

- 100A main breaker Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC
- Ships with six tandem pre-installed load breakers providing (12) 120VAC circuits which can be bridged to provide 240V
- 120VAC GFCI courtesy outlet
- Employs the Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - The Strikesorb 30-A-2CHV is a Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Strikesorb 30-A-2CHV is able to withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Provides low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Strikesorb offers unique protection levels for wireless and small cell applications
- Comes with two compression fittings that can be replaced with 1.5" NPT conduit fittings
- Provides (Line 1 to Neutral, Line 2 to Neutral) protection for 120/240VAC split phase systems
- Compatible with duplex/double pole breakers
- Pole mount bracket facilitates mounting up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount

Benefits

- NEMA 4 rated enclosure
- Up to eleven circuits for individual power control and over current protection of up to eleven small cell radio heads
- Offers unique maintenance free protection
- · Lightweight design allows easy installation



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AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSCAC-7038-P-240 • RSCAC-7038-P-240-D

Strikesorb®

Model Number	RSCAC-7038-P-240	RSCAC-7038-P-240-D
Main Disconnect	100A main breaker	100A Main Breaker
Smart Power Meter	Yes	Yes
Number of Circuits	Available up to 11 (courtesy outlet utilizes 1 position)	Available up to 11 (courtesy outlet utilizes 1 position)
Breakers Supplied	Includes 6 tandem	Includes 6 tandem
Breaker Interrupt Rating (kAIC)	10kA	10kA
MEans of External Disconnect	Internal	Hinged Cover
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV	Strikesorb 30-A-2CHV
Surge Protective Device (SPD) Type per UL 1449 5th Edition	Recognized UL SPD	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase	120V / 240V split phase
Nominal Discharge Current [In] per UL 1449 5th Edition	20 kA 8/20 μs	20 kA 8/20 µs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 µs	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 µs	5 kA 10/350 µs
Maximum Continuous Operating Voltage [U _c] (MCOV)	150V per line	150V per line
Voltage Protection Level [U _p] per IEC 61643-11	700V	700V
Suppression Technology	MOV	MOV
Protection Modes	Line 1 to Neutral, Line 2 to Neutral	Line 1 to Neutral, Line 2 to Neutral
lechanical		
Connection (Power)	Main Breaker #12 - #2Ø AWG (3.31 - 67 Branch Breaker #14 - #8 AWG (2.5 - 6m Ground and Neutral Busbars #14 - #2 AV	m²)
Environmental Ingress Protection (IP) Rating	NEMA 4	
Operation Temperature (°C)	-40° C to +80° C	
Storage Temperature (°C)	-70° C to +80° C	
Enclosure Type (Outdoor)	Powder Coated Steel, NEMA 4	
Enclosure Dimension (L×W×H)	17.220" x 9.565" x 5.529"	17.220" x 9.565" x 6.87"
Weight	16.90 lbs [7.66 kg]	
tandards Compliance & Certifications		

Circuit Breaker 1P 15A/15A Tandem QO Circuit Breaker 1P 20A/20A Tandem QO Circuit Breaker 1P 30A/30A Tandem QO



Certification

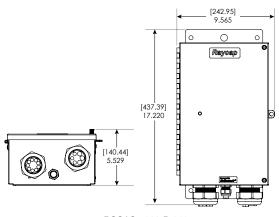
Panel Board Certification



Product Diagram

UL, VDE, CE

UL 67



RSCAC-7038-P-240 RSCAC-7038-P-240-D *Hinged cover not shown









Strikesorb®

The RSx-D series are AC

Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide

robust overvoltage surge protection for up to 10 AC power circuits for today's small cell radio systems.

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X02MS-21NN RSx-DMC-X02MS-21NN

60A Main Breaker

RSx-DMN-Z02MS-21NN RSx-DMC-Z02MS-21NN

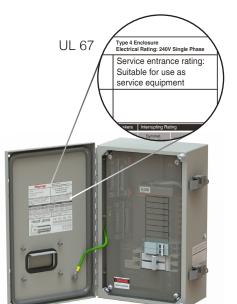
100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option
D: Light Gray G: Green B: Black N: Brown L: Blue





13.87"



RSD-DMC-Z02MS-21NN (Lt. Gray color, 2 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to ten circuits for individual power control and over current protection
- Comes standard with 2x 1-Pos or 1x 2-Pos din-rail breakers (2A to 25A)
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- · Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X02MS-21NN GOA Main Breaker RSx-DMC-X02MS-21NN

RSx-DMN-Z02MS-21NN RSx-DMC-Z02MS-21NN

100A Main Breaker

Product Information		Strikesorb SPD Models
Model Number	Number of Circuits Service Disconnect	RSx-DMN-X02MS-21NN Available up to 10 circuits 60A main breaker
	Number of Circuits Service Disconnect	RSx-DMC-X02MS-21NN Available up to 10 circuits 60A main breaker (with external disconnect)
	Number of Circuits Service Disconnect	RSx-DMN-Z02MS-21NN Available up to 10 circuits 100A main breaker
	Number of Circuits Service Disconnect	RSx-DMC-Z02MS-21NN Available up to 10 circuits 100A main breaker (with external disconnect)
Breakers		13mm DIN Rail
Breakers Provided*		2x 1-Pos or 1x 2-Pos din-rail breakers (2A to 25A)
Breaker Interrupt Rating (kAIC)		10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #14 - #2 AWG (2.5 - 6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating		NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 13.87" x 6.05" [231 x 352 x 154 mm]
Weight (including 2 Breakers) lbs.		Unit: 14.1 Bracket: 2.2 System: 16.3
Surge Suppression Specifica	tions	
Surge Protection Device (SPD) Type to UL		Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) T	ype per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) (Class to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]		120V / 240V split phase
Nominal Discharge Current [In] p	per UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{ma}	per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}]	per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating	Voltage [U _c] (MCOV)	150V per line
Voltage Protection Level [U _p] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
Standards Compliance & Cer	rtifications	
Strikesorb modules are compliar UL 1449 5th Edition: 2011, IEC 6		tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 Pending (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb®

The RSx-D series are AC

Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide

robust overvoltage surge protection for up to 10 AC power circuits for today's small cell radio systems.

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X10MS-21NN RSx-DMC-X10MS-21NN

60A Main Breaker

RSx-DMN-Z10MS-21NN RSx-DMC-Z10MS-21NN

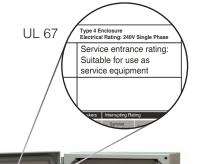
100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option
D: Light Gray G: Green B: Black N: Brown L: Blue





13.87"





RSD-DMC-Z10MS-21NN (Lt. Gray color, 10 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to ten circuits for individual power control and over current protection
- Comes standard with 10x 1-Pos, 5x 2-Pos or other combination of din-rail breakers (2A to 25A)
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- · Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X10MS-21NN GOA Main Breaker

RSx-DMN-Z10MS-21NN RSx-DMC-Z10MS-21NN

100A Main Breaker

Product Information		Strikesorb SPD Models
Model Number		RSx-DMN-X10MS-21NN
	Number of Circuits	Available up to 10 circuits
	Service Disconnect	60A main breaker
•••	•••••••••••••••••••••••••••••••••••••••	RSx-DMC-X10MS-21NN
	Number of Circuits	Available up to 10 circuits
_	Service Disconnect	60A main breaker (with external disconnect)
	Number of Circuits	RSx-DMN-Z10MS-21NN Available up to 10 circuits
	Service Disconnect	100A main breaker
•••	***************************************	RSx-DMC-Z10MS-21NN
	Number of Circuits	Available up to 10 circuits
	Service Disconnect	100A main breaker (with external disconnect)
Breakers		13mm DIN Rail
Breakers Provided*		10x 1-Pos, 5x 2-Pos or other combination (2A to 25A)
Breaker Interrupt Rating (kAIC)		10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #14 - #2 AWG (2.5 - 6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating		NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 13.87" x 6.05" [231 x 352 x 154 mm]
Weight (including 10 Breakers) lbs.		Unit: 15.9 Bracket: 2.2 System: 18.1
Surge Suppression Specificati	ons	
Surge Protection Device (SPD) Type to UL		Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) Typ	pe per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) Cla	ass to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]		120V / 240V split phase
Nominal Discharge Current [In] pe	r UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{max}]	per IEC 61643-11	60 kA 8/20 μs
Impulse Discharge Current [I _{imp}] po	er IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating V		150V per line
Voltage Protection Level [U _p] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
Standards Compliance & Certi	ifications	
Strikesorb modules are compliant UL 1449 5th Edition: 2011, IEC 61		tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 Pending (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

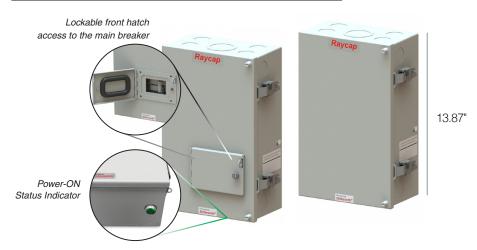
RSx-DMN-X02MS-21NN • RSx-DML-X02MS-21NN] 60A Main Breaker RSx-DMN-Z02MS-21NN • RSx-DML-Z02MS-21NN] 100A Main Breaker

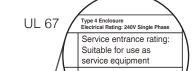
Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown L: Blue

The RSx-D series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection

for up to 10 AC power circuits

for today's small cell radio systems.





Suitable for use as service equipment



RSD-DMN-Z02MS-21NN (Lt. Gray color, 2 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to ten circuits for individual power control and over current protection
- Comes standard with (2) din rail 13mm breakers providing
 (2) 120VAC circuits which can be bridged to provide (1) 240V feed
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Optional Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- · Top, bottom or side cable entry allows for cleaner installations
- · Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X02MS-21NN • RSx-DML-X02MS-21NN] 60A Main Breaker RSx-DMN-Z02MS-21NN • RSx-DML-Z02MS-21NN] 100A Main Breaker

Product Information			
Model Number		RSx-DMN-X02MS-21NN	
	Number of Circuits Service Disconnect	Available up to 10 circuits 60A main breaker	
	COLVINCE DISCONNECT	RSx-DML-X02MS-21NN	
	Number of Circuits	Available up to 10 circuits	
	Service Disconnect	60A main breaker (with external disconnect)	
	Number of Circuits	RSx-DMN-Z02MS-21NN Available up to 10 circuits	
	Service Disconnect	100A main breaker	
		RSx-DML-Z02MS-21NN	
	Number of Circuits Service Disconnect	Available up to 10 circuits 100A main breaker (with external disconnect)	
Breakers		13mm DIN Rail	
Breaker Interrupt Rating (kAIC)		10kA	
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)	
		Branch Breaker #14 - #2 AWG (2.5 - 6mm²)	
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)	
Enclosure Type (Outdoor)		Powder Coated Steel	
Enclosure		Hinged with Padlockable Latches	
Environmental Ingress Protection	on (IP) Rating	NEMA 4	
Operation Temperature (°C)		-40° C to +80° C	
Storage Temperature (°C)		-40° C to +80° C	
Dimensions (W x H x D)		9.10" x 13.87" x 6.05" [231 x 352 x 154 mm]	
Weight (including 2 Breakers) lbs.		Unit:17.8 Bracket: 2.7 System: 20.5	
Surge Suppression Specific	ations		
Surge Protection Device (SPD)	Type to UL	Strikesorb 30-A-2CHV Surge Suppression	
Surge Protective Device (SPD) Type per UL 1449 5th Ed.		Recognized UL SPD	
Surge Protection Device (SPD)	Class to IEC 61643-11	Class I	
Nominal Operating Voltage [Un]	120V / 240V split phase	
Nominal Discharge Current [In]	per UL 1449 5th Ed.	20 kA 8/20 µs	
Maximum Discharge Current [I	_{max}] per IEC 61643-11	60 kA 8/20 µs	
Impulse Discharge Current [I _{imp}	,] per IEC 61643-11	5 kA 10/350 μs	
Maximum Continuous Operatin	g Voltage [U _c] (MCOV)	150V per line	
Voltage Protection Level [U _p] pe	er IEC 61643-11	700V	
Voltage Protection Rating (UL)		-	
Suppression Technology		MOV	
Protection Modes		L1 to Neutral, L2 to Neutral	
tandards Compliance & Co	ertifications		
Strikesorb modules are complia UL 1449 5th Edition: 2011, IEC		ctive Device (SPD) standards: : 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1	
Certification		UL, VDE, CE	
Panel Board Certification		UL 67 (suitable for use as service equipment)	

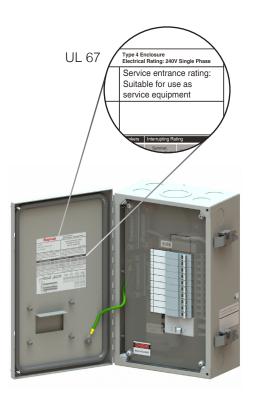
^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb[®]

The RSx-D series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection for up to 10 AC power circuits for today's small cell radio systems.



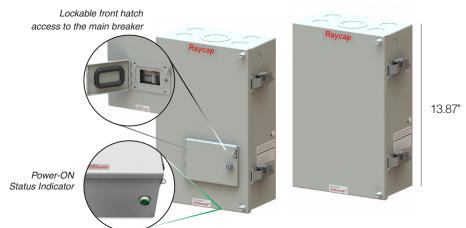
RSD-DML-Z16MS-21NN (Lt. Gray color, 10 Breakers, Strikesorb SPD, External Disconnect & LED Power-ON Status Indicator)

Mounting Bracket Included

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X10MS-21NN • RSx-DML-X10MS-21NN] 60A Main Breaker RSx-DMN-Z10MS-21NN • RSx-DML-Z10MS-21NN] 100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown L: Blue



Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- · Up to ten circuits for individual power control and over current protection
- Comes standard with (10) din rail 13mm breakers providing 120VAC circuits which can be bridged to provide (5) 240V feeds
- 120/240VAC split phase configuration
- Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 $\mu s)$ and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- LED indicator for "Power On" status and the position of the Main Breaker Disconnect (Optional)
 - 1 breaker utilized for LED indicator when this option is chosen
 - Maximum (9) 120VAC circuits, maximum (4) 240V feeds) when this option is chosen
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-DMN-X10MS-21NN • RSx-DML-X10MS-21NN] 60A Main Breaker RSx-DMN-Z10MS-21NN • RSx-DML-Z10MS-21NN] 100A Main Breaker

Draduat Information	
Product Information Model Number	
Model Number Number of Circuits	RSx-DMN-X10MS-21NN Available up to 10 circuits
Service Disconnect	60A main breaker
Number of Circuits Service Disconnect	RSx-DML-X10MS-21NN Available up to 10 circuits 60A main breaker (with external disconnect & LED)
Number of Circuits Service Disconnect	RSx-DMN-Z10MS-21NN Available up to 10 circuits 100A main breaker
Number of Circuits Service Disconnect	RSx-DML-Z10MS-21NN Available up to 10 circuits 100A main breaker (with external disconnect & LED)
Breakers	13mm DIN Rail
Breaker Interrupt Rating (kAIC)	10kA
Connection (Power)	Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
	Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²)
	Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)	Powder Coated Steel
Enclosure	Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating	NEMA 4
Operation Temperature (°C)	-40° C to +80° C
Storage Temperature (°C)	-40° C to +80° C
Dimensions (W x H x D)	9.10" x 13.87" x 6.05" [231 x 352 x 154 mm]
Weight (including 16 Breakers) lbs.	Unit: 20.9 Bracket: 2.7 System: 23.6
Surge Suppression Specifications	
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase
Nominal Discharge Current $[I_n]$ per UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage $[U_c]$ (MCOV)	150V per line
Voltage Protection Level [U _p] per IEC 61643-11	700V
Suppression Technology	MOV
Protection Modes	L1 to Neutral, L2 to Neutral
Standards Compliance & Certifications	
Strikesorb modules are compliant to the following Surge Prod UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-1	tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification	UL, VDE, CE
Panel Board Certification	UL 67 (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X02MS-21NN • RSx-EML-X02MS-21NN

60A Main Breaker

RSx-EMN-Z02MS-21NN • RSx-EML-Z02MS-21NN

100A Main Breaker

Strikesorb®

Type 4 Enclosure Electrical Rating: 240V Single Phase

Service entrance rating:

Suitable for use as service equipment

The RSx-E series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection for up to 12 AC power circuits for today's small cell radio systems.

UL 67

Use (x) character in model prefix to indicate enclosure color option N: Brown D: Light Gray G: Green B: Black





14.87"

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to twelve circuits for individual power control and over current protection
- Comes standard with (2) din rail 13mm breakers (2x20A) providing (2) 120VAC circuits which can be bridged to provide (1) 240V feed
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Optional Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Optional Raycap ProTec Din Rail Surge Protective Device (SPD)
 - Class II SPD, certified by VDE per the IEC 61643-11 standard
 - Withstand induced surge currents of up to 50kA (8/20)
 - High-Energy MOV and Thermal Protection
 - · Visual status indication
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- Customer specified knockouts available

RSD-EMC-Z02MS-21NN (Lt. Gray color, 2 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X02MS-21NN • RSx-EML-X02MS-21NN] 60A Main Breaker
RSx-EMN-Z02MS-21NN • RSx-EML-Z02MS-21NN] 100A Main Breaker

roduct Information		
Model Number	Number of Circuits Service Disconnect	RSx-EMN-X02MS-21NN Available up to 16 circuits 60A main breaker
	Number of Circuits Service Disconnect	RSx-EML-X02MS-21NN Available up to 16 circuits 60A main breaker (with external disconnect & LED)
	Number of Circuits Service Disconnect	RSx-EMN-Z02MS-21NN Available up to 16 circuits 100A main breaker
	Number of Circuits Service Disconnect	RSx-EML-Z02MS-21NN Available up to 16 circuits 100A main breaker (with external disconnect & LED)
Breakers		13mm DIN Rail
Breakers Provided*		2x20A, 10x10A
Breaker Interrupt Rating (kAl	C)	10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protect	ction (IP) Rating	NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 14.87" x 6.05" [231 x 377 x 154 mm]
Weight (including 16 Breaker	rs) lbs.	Unit: 14.8 Bracket: 2.3 System: 17.1
urge Suppression Specif	ications	
Surge Protection Device (SPI	D) Type to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPI	D) Type per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPI	D) Class to IEC 61643-11	Class I
Nominal Operating Voltage [l	U _n]	120V / 240V split phase
Nominal Discharge Current [I _n] per UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current	[I _{max}] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I	_{imp}] per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)		150V per line
Voltage Protection Level [U _p] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
tandards Compliance & (Certifications	
		tective Device (SPD) standards: 11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X12MS-21NN • RSx-EML-X12MS-21NN

60A Main Breaker

RSx-EMN-Z12MS-21NN • RSx-EML-Z12MS-21NN

100A Main Breaker

Strikesorb[®]

The RSx-E series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection for up to 16 AC power circuits for today's small cell radio systems.

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown





14.87"



- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to sixteen circuits for individual power control and over current protection
- Comes standard with (2) din rail 13mm breakers (2x20A) providing (2) 120VAC circuits which can be bridged to provide (1) 240V feed
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Optional Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Optional Raycap ProTec Din Rail Surge Protective Device (SPD)
 - Class II SPD, certified by VDE per the IEC 61643-11 standard
 - Withstand induced surge currents of up to 50kA (8/20)
 - High-Energy MOV and Thermal Protection
 - · Visual status indication
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- Customer specified knockouts available



RSD-EMN-Z12MS-21NN (Lt. Gray color, 12 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X12MS-21NN • RSx-EML-X12MS-21NN 60A Main Breaker

RSx-EMN-Z12MS-21NN • RSx-EML-Z12MS-21NN

oduct Information		
Model Number	Number of Circuits Service Disconnect	RSx-EMN-X12MS-21NN Available up to 16 circuits 60A main breaker
	Number of Circuits Service Disconnect	RSx-EML-X12MS-21NN Available up to 16 circuits 60A main breaker (with external disconnect & LED)
	Number of Circuits Service Disconnect	RSx-EMN-Z12MS-21NN Available up to 16 circuits 100A main breaker
	Number of Circuits Service Disconnect	RSx-EML-Z12MS-21NN Available up to 16 circuits 100A main breaker (with external disconnect & LED)
Breakers		13mm DIN Rail
Breakers Provided*		2x20A, 10x10A
Breaker Interrupt Rating (kAl	C)	10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Prote	ction (IP) Rating	NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 14.87" x 6.05" [231 x 377 x 154 mm]
Weight (including 16 Breake	rs) lbs.	Unit: 17.0 Bracket: 2.3 System: 19.3
urge Suppression Specif	fications	
Surge Protection Device (SP	D) Type to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SP	D) Type per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SP	D) Class to IEC 61643-11	Class I
Nominal Operating Voltage [U_n]	120 V / 240 V split phase
Nominal Discharge Current	I _n] per UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Curren	t [I _{max}] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Opera	ting Voltage [U _c] (MCOV)	150V per line
Voltage Protection Level [Up]	per IEC 61643-11	700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
tandards Compliance &	Certifications	
		tective Device (SPD) standards: 11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb[®]

The RSx-E series are AC

Equipment (SUSE). They are designed to provide

Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service

robust overvoltage surge protection for up to 12 AC power circuits for today's small cell radio systems.

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X12MS-21NN RSx-EMC-X12MS-21NN

60A Main Breaker

RSx-EMN-Z12MS-21NN RSx-EMC-Z12MS-21NN

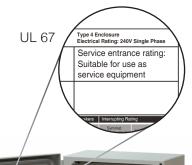
100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown L: Blue





14.87"





RSD-EMC-Z12MS-21NN (Lt. Gray color, 12 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to twelve circuits for individual power control and over current protection
- Comes standard with 12x 1-Pos, 6x 2-Pos or other combination of din-rail breakers (2A to 25A)
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- · Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X12MS-21NN GOA Main Breaker

RSx-EMN-Z12MS-21NN 3 100A Main Breaker

Product Information		Strikesorb SPD Models
Model Number		RSx-EMN-X12MS-21NN
	Number of Circuits	Available up to 12 circuits
	Service Disconnect	60A main breaker
		RSx-EMC-X12MS-21NN
	Number of Circuits Service Disconnect	Available up to 12 circuits
_	Service Disconnect	60A main breaker (with external disconnect) RSx-EMN-Z12MS-21NN
	Number of Circuits	Available up to 12 circuits
	Service Disconnect	100A main breaker
•••	•	RSx-EMC-Z12MS-21NN
	Number of Circuits	Available up to 12 circuits
	Service Disconnect	100A main breaker (with external disconnect)
Breakers		13mm DIN Rail
Breakers Provided*		12x 1-Pos, 6x 2-Pos or other combination (2A to 25A)
Breaker Interrupt Rating (kAIC)		10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #14 - #2 AWG (2.5 - 6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating		NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 14.87" x 6.05" [231 x 377 x 154 mm]
Weight (including 12 Breakers) lbs.		Unit: 17.0 Bracket: 2.3 System: 19.3
Surge Suppression Specificati	ons	
Surge Protection Device (SPD) Typ	oe to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) Typ	pe per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) Cla	ass to IEC 61643-11	Class I
Nominal Operating Voltage [Un]		120V / 240V split phase
Nominal Discharge Current [In] pe	r UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{max}]	per IEC 61643-11	60 kA 8/20 μs
Impulse Discharge Current [I _{imp}] p	er IEC 61643-11	5kA 10/350 µs
Maximum Continuous Operating Voltage [U_] (MCOV)		150V per line
Voltage Protection Level [U _p] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
Standards Compliance & Cert	ifications	
Strikesorb modules are compliant UL 1449 5th Edition: 2011, IEC 61		tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 Pending (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X02MS-21NN RSx-EMC-X02MS-21NN

60A Main Breaker

RSx-EMN-Z02MS-21NN RSx-EMC-Z02MS-21NN

100A Main Breaker

Strikesorb[®]

The RSx-E series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection for up to 12 AC power circuits for today's small cell radio systems.





14.87"



RSD-EMC-Z02MS-21NN (Lt. Gray color, 2 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to twelve circuits for individual power control and over current protection
- Comes standard with 2x 1-Pos or 1x 2-Pos din-rail breakers (2A to 25A)
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- · Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-EMN-X02MS-21NN 60A Main Breaker RSx-EMC-X02MS-21NN

RSx-EMN-Z02MS-21NN RSx-EMC-Z02MS-21NN

100A Main Breaker

Product Information	Strikesorb SPD Models
Model Number	RSx-EMN-X02MS-21NN
Number of Circuits	Available up to 12 circuits
Service Disconnect	60A main breaker
	RSx-EMC-X02MS-21NN
Number of Circuits	Available up to 12 circuits
Service Disconnect	60A main breaker (with external disconnect)
Number of Circuits	RSx-EMN-Z02MS-21NN Available up to 12 circuits
Service Disconnect	100A main breaker
	RSx-EMC-Z02MS-21NN
Number of Circuits	Available up to 12 circuits
Service Disconnect	100A main breaker (with external disconnect)
Breakers	13mm DIN Rail
Breakers Provided*	2x 1-Pos or 1x 2-Pos din-rail breakers (2A to 25A)
Breaker Interrupt Rating (kAIC)	10kA
Connection (Power)	Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
	Branch Breaker #14 - #2 AWG (2.5 - 6mm²)
	Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)	Powder Coated Steel
Enclosure	Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating	NEMA 4
Operation Temperature (°C)	-40° C to +80° C
Storage Temperature (°C)	-40° C to +80° C
Dimensions (W x H x D)	9.10" x 14.87" x 6.05" [231 x 377 x 154 mm]
Weight (including 2 Breakers) lbs.	Unit: 14.8 Bracket: 2.3 System: 17.1
Surge Suppression Specifications	
Surge Protection Device (SPD) Type to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) Type per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) Class to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]	120V / 240V split phase
Nominal Discharge Current $[I_n]$ per UL 1449 5th Ed.	20 kA 8/20 µs
Maximum Discharge Current [I _{max}] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage $[U_c]$ (MCOV)	150V per line
Voltage Protection Level [U _p] per IEC 61643-11	700V
Suppression Technology	MOV
Protection Modes	L1 to Neutral, L2 to Neutral
Standards Compliance & Certifications	
Strikesorb modules are compliant to the following Surge Pro UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-	otective Device (SPD) standards: 11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification	UL, VDE, CE
Panel Board Certification	UL 67 Pending (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb[®]

The RSx-F series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection for up to 16 AC power circuits for today's small cell radio systems.

Type 4 Enclosure Electrical Rating: 240V Single Phase Service entrance rating: Suitable for use as service equipment

RSD-FMC-Z02MS-21NN (Lt. Gray color, 2 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X02MS-21NN • RSx-FML-X02MS-21NN

60A Main Breaker

RSx-FMN-Z02MS-21NN • RSx-FML-Z02MS-21NN

100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown





18.25"

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to sixteen circuits for individual power control and over current protection
- Comes standard with (2) din rail 13mm breakers (2x20A) providing
 (2) 120VAC circuits which can be bridged to provide (1) 240V feed
- 120/240VAC split phase configuration
- · Available Surge Protection:
 - Optional Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
 - Optional Raycap ProTec Din Rail Surge Protective Device (SPD)
 - Class II SPD, certified by VDE per the IEC 61643-11 standard
 - Withstand induced surge currents of up to 50kA (8/20)
 - High-Energy MOV and Thermal Protection
 - · Visual status indication
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X16MS-21NN • RSx-FML-X16MS-21NN] 60A Main Breaker RSx-FMN-Z16MS-21NN • RSx-FML-Z16MS-21NN] 100A Main Breaker

Product Information		
Model Number		RSx-FMN-X02MS-21NN
	Number of Circuits	Available up to 16 circuits
	Service Disconnect	60A main breaker
		RSx-FML-X02MS-21NN
	Number of Circuits Service Disconnect	Available up to 16 circuits
-	Service Disconnect	60A main breaker (with external disconnect & LED) RSx-FMN-Z02MS-21NN
	Number of Circuits	Available up to 16 circuits
	Service Disconnect	100A main breaker
		RSx-FML-Z02MS-21NN
	Number of Circuits Service Disconnect	Available up to 16 circuits
	Service Disconnect	100A main breaker (with external disconnect & LED)
Breakers		13mm DIN Rail
Breaker Interrupt Rating (kAIC)		10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protection	(IP) Rating	NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 18.25" x 6.05" [231 x 464 x 154 mm]
Weight (including 16 Breakers) lbs.		Unit: 20.9 Bracket: 2.7 System: 23.6
Surge Suppression Specifications		
Surge Protection Device (SPD) Type to UL		Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) Ty	pe per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) CI	ass to IEC 61643-11	Class I
Nominal Operating Voltage [Un]		120V / 240V split phase
Nominal Discharge Current [In] pe	er UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current $[I_{\max}]$] per IEC 61643-11	60 kA 8/20 μs
Impulse Discharge Current [I _{imp}] p	per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)		150V per line
Voltage Protection Level [Up] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
Standards Compliance & Cert	ifications	
Strikesorb modules are compliant UL 1449 5th Edition: 2011, IEC 61	0 0	tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 (suitable for use as service equipment)

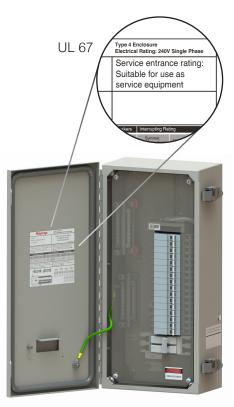
^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb[®]

The RSx-F series are AC Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide robust overvoltage surge protection for up to 16 AC power circuits for today's small cell radio systems.



RSD-FML-Z16MS-21NN (Lt. Gray color, 16 Breakers, Strikesorb SPD, External Disconnect & LED Power-ON Status Indicator)

Mounting Bracket Included

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X16MS-21NN • RSx-FML-X16MS-21NN] 60A Main Breaker RSx-FMN-Z16MS-21NN • RSx-FML-Z16MS-21NN] 100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown L: Blue



Raycap

18.25

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to sixteen circuits for individual power control and over current protection
- Comes standard with (16) din rail 13mm breakers providing 120VAC circuits which can be bridged to provide (8) 240V feeds (1 breaker utilized for LED indicator when this option is chosen)
- 120/240VAC split phase configuration
- Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- LED indicator for "Power On" status and the position of the Main Breaker Disconnect (Optional)
 - 1 breaker utilized for LED indicator when this option is chosen
 - Maximum (15) 120VAC circuits, maximum (7) 240V feeds when this option is chosen
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps.
 Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- · Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X16MS-21NN • RSx-FML-X16MS-21NN] 60A Main Breaker RSx-FMN-Z16MS-21NN • RSx-FML-Z16MS-21NN] 100A Main Breaker

Model Number Number of Circuits Service Disconnect Service Disconnect Amain breaker Service Disconnect Service Disconnect	Product Information		
Number of Circuits Service Disconnect Service			RSx-FMN-X16MS-21NN
Number of Circuits Service Disconnect		Number of Circuits	
Number of Circuits Service Disconnect Service		Service Disconnect	60A main breaker
Service Disconnect		•••••••••••••••••••••••••••••••••••••••	RSx-FML-X16MS-21NN
Number of Circuits Service Disconnect Service Disconnect			•
Number of Circuits Service Disconnect 100A main breaker 10		Service Disconnect	·
Service Disconnect 100A main breaker 183.**FIL. 216NS-21NN Number of Circuits 100A main breaker 100A main breaker 100A main breaker (with external disconnect & LED) 100A main breaker (with external disconnect & LED 100A main breaker (wi		Number of Circuits	
Number of Circuits Service Disconnect 100A main breaker (with external disconnect & LED)			•
Service Disconnect 100A main breaker (with external disconnect & LED)		•••••••••••••••••••••••••••••••••••••••	RSx-FML-Z16MS-21NN
Breaker 13mm DIN Rail Breaker Interrupt Rating (kAIC) 10kA Connection (Power) Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²) Fanch Breaker #18 - #2 AWG (1.02 - 33.6mm²) Fanch Breaker #18 - #2 AWG (1.02 - 33.6mm²) Fanch Breaker #18 - #2 AWG (2.08 - 33.6mm²) Fanch Breaker #18 - #2 AWG (2.0			
Direction (Power)		Service Disconnect	100A main breaker (with external disconnect & LED)
Connection (Power) Main Breaker #12 - #20 AWG (3.31 - 67.4mm²) Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²) Enclosure Type (Outdoor) Powder Coated Steel Enclosure Hinged with Padlockable Latches Environmental Ingress Protection (IP) Rating NEMA 4 Operation Temperature (°C) -40° C to +80° C Storage Temperature (°C) -40° C to +80° C Dimensions (W x H x D) 9.10° x 18.25° x 6.05″ [231 x 464 x 154 mm] Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [U_j] 120V / 240V split phase Nominal Discharge Current [I_mpl per IEC 61643-11 60 kA 8/20 µs Maximum Discharge Current [I_mpl per IEC 61643-11 5kA 10/350 µs Maximum Continuous Operating Voltage [U_j] (MCOV) 150V per line Voltage Protection Level [U_p] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to	Breakers		13mm DIN Rail
Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²) Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²) Enclosure Type (Outdoor) Powder Coated Steel Enclosure Environmental Ingress Protection (IP) Rating NEMA 4 Operation Temperature (°C) -40° C to +80° C Storage Temperature (°C) -40° C to +80° C Dimensions (W x H x D) 9.10° x 18.25° x 6.05° [231 x 464 x 154 mm] Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type for UL Strikesorb 30-A-2CHV Surge Suppression Surge Protection Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Elass to IEC 61643-11 Class I Nominal Operating Voltage [U _{p.}] 120V / 240V split phase Nominal Discharge Current [I _{m.}] per IEC 61643-11 60 kA 3/20 µs Maximum Discharge Current [I _{m.}] per IEC 61643-11 60 kA 3/20 µs Impulse Discharge Current [I _{m.}] per IEC 61643-11 5kA 10/350 µs Maximum Continuous Operating Voltage [U _{J.}] (MCOV) 150V per line Voltage Protection Level [U _{J.}] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, IEC 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1			
Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²) Enclosure Type (Outdoor) Powder Coated Steel Enclosure Hinged with Padlockable Latches Environmental Ingress Protection (IP) Rating NEMA 4 Operation Temperature (°C) -40° C to +80° C Storage Temperature (°C) -40° C to +80° C Dimensions (W x H x D) 9.10° x 18.25° x 6.05° [231 x 464 x 154 mm] Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type for UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Nominal Operating Voltage [U _n] 120V / 240V split phase Nominal Discharge Current [I _{max}] per IEC 61643-11 60kA 8/20 µs Maximum Discharge Current [I _{max}] per IEC 61643-11 5kA 10/350 µs Maximum Continuous Operating Voltage [U _d] for IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral Standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
Enclosure Type (Outdoor) Powder Coated Steel Enclosure Hinged with Padlockable Latches Environmental Ingress Protection (IP) Rating NEMA 4 Operation Temperature (°C) Storage Temperature (°C) Storage Temperature (°C) Poince Storage Temperature (°C) Dimensions (W x H x D) Surge Stuppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protection Device (SPD) Type per UL 1449 5th Ed. Surge Protection Device (SPD) Class to IEC 61643-11 Nominal Operating Voltage [U,] Nominal Operating Voltage [U,] Maximum Discharge Current [I, per IEC 61643-11 Maximum Discharge Current [I, per IEC 61643-11 Maximum Continuous Operating Voltage [U,] (MCOV) Suppression Technology MoV Protection Modes L1 to Neutral, L2 to Neutral Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE			Branch Breaker #18 - #2 AWG (1.02 - 33.6mm²)
Enclosure Hinged with Padlockable Latches Environmental Ingress Protection (IP) Rating NEMA 4 Operation Temperature (°C) -40° C to +80° C Storage Temperature (°C) -40° C to +80° C Dimensions (W x H x D) 9.10° x 18.25° x 6.05° [231 x 464 x 154 mm] Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protection Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [U,] 120V / 240V split phase Nominal Discharge Current [I,] per UL 1449 5th Ed. 20kA 8/20µs Maximum Discharge Current [I,] per IEC 61643-11 60kA 8/20µs Impulse Discharge Current [I,] per IEC 61643-11 5kA 10/350 µs Maximum Continuous Operating Voltage [U,] (MCOV) 150V per line Voltage Protection Level [U,] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11; 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE			Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Environmental Ingress Protection (IP) Rating NEMA 4 Operation Temperature (°C) Storage Temperature (°C) Dimensions (W x H x D) Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protection Device (SPD) Type per UL 1449 5th Ed. Nominal Operating Voltage [U _n] Nominal Discharge Current [I _{mac}] per IEC 61643-11 Impulse Discharge Current [I _{mac}] per IEC 61643-11 Maximum Continuous Operating Voltage [U _s] (MCOV) Suppression Level [U _s] per IEC 61643-11 Notinge Protection Level [U _s] per IEC 61643-11 SkA 10/350 μs Maximum Continuous Operating Voltage [U _s] (MCOV) Suppression Technology MOV Protection Modes Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.41: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Enclosure Type (Outdoor)		Powder Coated Steel
Operation Temperature (°C) -40° C to +80° C Storage Temperature (°C) -40° C to +80° C Dimensions (W x H x D) 9.10" x 18.25" x 6.05" [231 x 464 x 154 mm] Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [U _n] 120 V / 240V split phase Nominal Discharge Current [I _{max}] per IEC 61643-11 60 kA 8/20 µs Maximum Discharge Current [I _{max}] per IEC 61643-11 5kA 10/350 µs Maximum Continuous Operating Voltage [U _o] (MCOV) 150V per line Voltage Protection Level [U _p] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Enclosure		Hinged with Padlockable Latches
Storage Temperature (°C) Dimensions (W x H x D) 9.10" x 18.25" x 6.05" [231 x 464 x 154 mm] Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [U _n] Nominal Discharge Current [I _{max}] per IEC 61643-11 Maximum Discharge Current [I _{max}] per IEC 61643-11 Maximum Discharge Current [I _{max}] per IEC 61643-11 Sta 10/350 µs Maximum Continuous Operating Voltage [U _e] (MCOV) Voltage Protection Level [U _p] per IEC 61643-11 Voltage Protection Level [U _p] per IEC 61643-11 NoW Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Environmental Ingress Protection	(IP) Rating	NEMA 4
Dimensions (W x H x D) Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [U _n] 120V / 240V split phase Nominal Discharge Current [I _{max}] per IEC 61643-11 Impulse Discharge Current [I _{max}] per IEC 61643-11 Maximum Discharge Current [I _{max}] per IEC 61643-11 SkA 10/350 µs Maximum Continuous Operating Voltage [U _p] (MCOV) Voltage Protection Level [U _p] per IEC 61643-11 Youv Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Operation Temperature (°C)		-40° C to +80° C
Weight (including 16 Breakers) lbs. Unit: 20.9 Bracket: 2.7 System: 23.6 Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [Un] 120V / 240V split phase Nominal Discharge Current [In] per UL 1449 5th Ed. 20 kA 8/20 µs Maximum Discharge Current [Inn] per IEC 61643-11 60 kA 8/20 µs Impulse Discharge Current [Inn] per IEC 61643-11 5 kA 10/350 µs Maximum Continuous Operating Voltage [Un] (MCOV) 150V per line Voltage Protection Level [Un] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Storage Temperature (°C)		-40° C to +80° C
Surge Suppression Specifications Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Nominal Operating Voltage [U _n] Nominal Discharge Current [I _n] per UL 1449 5th Ed. Nominal Discharge Current [I _{max}] per IEC 61643-11 Suppression Technology Maximum Continuous Operating Voltage [U _n] (MCOV) Suppression Technology MOV Protection Modes Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification Strikesorb modules are to the suppression to the suppression to the following Surge Protective Device (SPD) standards: UL, VDE, CE	Dimensions (W x H x D)		9.10" x 18.25" x 6.05" [231 x 464 x 154 mm]
Surge Protection Device (SPD) Type to UL Strikesorb 30-A-2CHV Surge Suppression Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Class I Nominal Operating Voltage [Un] Nominal Discharge Current [In] per UL 1449 5th Ed. Nominal Discharge Current [In] per UL 1449 5th Ed. Maximum Discharge Current [Inma] per IEC 61643-11 SkA 10/350 µs Impulse Discharge Current [Inma] per IEC 61643-11 SkA 10/350 µs Maximum Continuous Operating Voltage [Un] (MCOV) Voltage Protection Level [Un] per IEC 61643-11 Toov Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.41: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Weight (including 16 Breakers) lbs.		Unit: 20.9 Bracket: 2.7 System: 23.6
Surge Protective Device (SPD) Type per UL 1449 5th Ed. Recognized UL SPD Surge Protection Device (SPD) Class to IEC 61643-11 Nominal Operating Voltage [Un] Nominal Discharge Current [In] per UL 1449 5th Ed. 20 kA 8/20 µs Maximum Discharge Current [Inmax] per IEC 61643-11 Impulse Discharge Current [Inmax] per IEC 61643-11 Maximum Continuous Operating Voltage [Un] (MCOV) Voltage Protection Level [Un] per IEC 61643-11 Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Surge Suppression Specificat	tions	
Surge Protection Device (SPD) Class to IEC 61643-11 Nominal Operating Voltage [U _n] Nominal Discharge Current [I _n] per UL 1449 5th Ed. 20 kA 8/20 μs Maximum Discharge Current [I _{max}] per IEC 61643-11 60 kA 8/20 μs Impulse Discharge Current [I _{max}] per IEC 61643-11 5 kA 10/350 μs Maximum Continuous Operating Voltage [U _c] (MCOV) 150V per line Voltage Protection Level [U _p] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Surge Protection Device (SPD) Type to UL		Strikesorb 30-A-2CHV Surge Suppression
Nominal Operating Voltage [Un] 120 V / 240 V split phase Nominal Discharge Current [In] per UL 1449 5th Ed. 20 kA 8/20 µs Maximum Discharge Current [Imm] per IEC 61643-11 60 kA 8/20 µs Impulse Discharge Current [Imm] per IEC 61643-11 5kA 10/350 µs Maximum Continuous Operating Voltage [Un] (MCOV) 150 V per line Voltage Protection Level [Un] per IEC 61643-11 700 V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Surge Protective Device (SPD) T	ype per UL 1449 5th Ed.	Recognized UL SPD
Nominal Discharge Current [I _{In}] per UL 1449 5th Ed. 20 kA 8/20 μs Maximum Discharge Current [I _{Imp}] per IEC 61643-11 60 kA 8/20 μs Impulse Discharge Current [I _{Imp}] per IEC 61643-11 5kA 10/350 μs Maximum Continuous Operating Voltage [U _c] (MCOV) 150V per line Voltage Protection Level [U _p] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Surge Protection Device (SPD) C	Class to IEC 61643-11	Class I
Maximum Discharge Current [I _{max}] per IEC 61643-11 60 kA 8/20 μs Impulse Discharge Current [I _{imp}] per IEC 61643-11 5 kA 10/350 μs Maximum Continuous Operating Voltage [U _c] (MCOV) 150V per line Voltage Protection Level [U _p] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Nominal Operating Voltage [U _n]		120V / 240V split phase
Impulse Discharge Current [I _{Imp}] per IEC 61643-11 5 kA 10/350 μs Maximum Continuous Operating Voltage [U _c] (MCOV) 150V per line Voltage Protection Level [U _p] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE			20 kA 8/20 μs
Maximum Continuous Operating Voltage [U] (MCOV) Voltage Protection Level [U] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Maximum Discharge Current [I _{ma}	_x] per IEC 61643-11	60 kA 8/20 µs
Voltage Protection Level [Up] per IEC 61643-11 700V Suppression Technology MOV Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Impulse Discharge Current [I _{imp}]	per IEC 61643-11	5 kA 10/350 μs
Suppression Technology Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE			150V per line
Protection Modes L1 to Neutral, L2 to Neutral Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE			700V
Standards Compliance & Certifications Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	P		MOV
Strikesorb modules are compliant to the following Surge Protective Device (SPD) standards: UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE			L1 to Neutral, L2 to Neutral
UL 1449 5th Edition: 2011, IEC 61643-11: 2011, EN 61643-11: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1 Certification UL, VDE, CE	Standards Compliance & Certifications		
· · ·			
Panel Board Certification UL 67 (suitable for use as service equipment)	Certification		UL, VDE, CE
	Panel Board Certification		UL 67 (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb®

The RSx-F series are AC

Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide

robust overvoltage surge protection for up to 16 AC power circuits for today's small cell radio systems.

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X16MS-21NN RSx-FMC-X16MS-21NN

60A Main Breaker

RSx-FMN-Z16MS-21NN RSx-FMC-Z16MS-21NN

100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown





18.25"





RSD-FMC-Z16MS-21NN (Lt. Gray color, 16 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to sixteen circuits for individual power control and over current protection
- Comes standard with 16x 1-Pos, 8x 2-Pos or other combination of din-rail breakers (2A to 25A)
- 120/240VAC split phase configuration
- Available Surge Protection:
 - Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- · Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X16MS-21NN GOA Main Breaker

RSx-FMN-Z16MS-21NN RSx-FMC-Z16MS-21NN

100A Main Breaker

Product Information		Strikesorb SPD Models
Model Number	Number of Circuits Service Disconnect	RSx-FMN-X16MS-21NN Available up to 16 circuits 60A main breaker
	Number of Circuits Service Disconnect	RSx-FMC-X16MS-21NN Available up to 16 circuits 60A main breaker (with external disconnect)
	Number of Circuits Service Disconnect	RSx-FMN-Z16MS-21NN Available up to 16 circuits 100A main breaker
	Number of Circuits Service Disconnect	RSx-FMC-Z16MS-21NN Available up to 16 circuits 100A main breaker (with external disconnect)
Breakers		13mm DIN Rail
Breakers Provided*		16x 1-Pos, 8x 2-Pos or other combination (2A to 25A)
Breaker Interrupt Rating (kAIC)		10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #14 - #2 AWG (2.5 - 6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating		NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 18.25" x 6.05" [231 x 464 x 154 mm]
Weight (including 16 Breakers) I	bs.	Unit: 20.9 Bracket: 2.7 System: 23.6
Surge Suppression Specifica	itions	
Surge Protection Device (SPD) 1	Type to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) T	ype per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) (Class to IEC 61643-11	Class I
Nominal Operating Voltage [Un]		120V / 240V split phase
Nominal Discharge Current [In] p	per UL 1449 5th Ed.	20 kA 8/20 µs
Maximum Discharge Current [I _{ma}	ax] per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}]		5 kA 10/350 µs
Maximum Continuous Operating Voltage [U] (MCOV)		150V per line
Voltage Protection Level [U _p] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
Standards Compliance & Ce	rtifications	
Strikesorb modules are complian UL 1449 5th Edition: 2011, IEC 6		tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.





Strikesorb®

The RSx-F series are AC

Disconnect, Load Center and Surge Protection Devices that are Suitable for Use as Service Equipment (SUSE). They are designed to provide

robust overvoltage surge protection for up to 16 AC power circuits for today's small cell radio systems.

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X02MS-21NN RSx-FMC-X02MS-21NN

60A Main Breaker

RSx-FMN-Z02MS-21NN RSx-FMC-Z02MS-21NN

100A Main Breaker

Use (x) character in model prefix to indicate enclosure color option D: Light Gray G: Green B: Black N: Brown L: Blue





18.25"





RSD-FMC-Z02MS-21NN (Lt. Gray color, 2 Breakers, Strikesorb SPD, External Disconnect)

Mounting Bracket Included

Features

- Suitable for Use as Service Equipment (SUSE) without condition per UL and NEC with 60A or 100A main breaker
- Up to sixteen circuits for individual power control and over current protection
- Comes standard with 2x 1-Pos or 1x 2-Pos din-rail breakers (2A to 25A)
- 120/240VAC split phase configuration
- · Available Surge Protection:
 - Strikesorb 30-A-2CHV Surge Protective Device (SPD)
 - Class I SPD, certified by VDE per the IEC 61643-11 standard as suitable for installation in areas where induced lightning exposure is expected
 - Withstand direct surge currents up to 5kA (10/350 µs) and induced surge currents of up to 60kA (8/20)
 - Low let through / clamping voltage as it does not employ spark gaps or other switching elements
- Lockable front hatch access to the main breaker (Optional). Main power can be turned on and off without opening the main enclosure door. Lockout Tagout (LOTO) functionality.
- Pole mount bracket facilitates mounting on up to 4" diameter pole using existing clamps. Can also be banded to any diameter pole. Center mount holes (5/8") for center pole mount.
- Top, bottom or side cable entry allows for cleaner installations
- Customer specified knockouts available

- Offers unique maintenance free protection
- NEMA 4 rated enclosure, allowing for installation in harsh environments
- Lightweight design allows easy installation



Strikesorb®

AC Disconnect with Integrated Surge Protection for Small Cell Radio Heads

RSx-FMN-X02MS-21NN 60A Main Breaker

RSx-FMN-Z02MS-21NN RSx-FMC-Z02MS-21NN

100A Main Breaker

Product Information		Strikesorb SPD Models
Model Number	Number of Circuits Service Disconnect	RSx-FMN-X02MS-21NN Available up to 16 circuits 60A main breaker
	Number of Circuits Service Disconnect	RSx-FMC-X02MS-21NN Available up to 16 circuits 60A main breaker (with external disconnect)
	Number of Circuits Service Disconnect	RSx-FMN-Z02MS-21NN Available up to 16 circuits 100A main breaker
	Number of Circuits Service Disconnect	RSx-FMC-Z02MS-21NN Available up to 16 circuits 100A main breaker (with external disconnect)
Breakers		13mm DIN Rail
Breakers Provided*		2x 1-Pos or 1x 2-Pos din-rail breakers (2A to 25A)
Breaker Interrupt Rating (kAIC)		10kA
Connection (Power)		Main Breaker #12 - #2Ø AWG (3.31 - 67.4mm²)
		Branch Breaker #14 - #2 AWG (2.5 - 6mm²)
		Ground and Neutral Busbars #14 - #2 AWG (2.08 - 33.6mm²)
Enclosure Type (Outdoor)		Powder Coated Steel
Enclosure		Hinged with Padlockable Latches
Environmental Ingress Protection (IP) Rating		NEMA 4
Operation Temperature (°C)		-40° C to +80° C
Storage Temperature (°C)		-40° C to +80° C
Dimensions (W x H x D)		9.10" x 18.25" x 6.05" [231 x 464 x 154 mm]
Weight (including 2 Breakers) lb	S.	Unit:17.8 Bracket: 2.7 System: 20.5
Surge Suppression Specifica	tions	
Surge Protection Device (SPD) T	ype to UL	Strikesorb 30-A-2CHV Surge Suppression
Surge Protective Device (SPD) T	ype per UL 1449 5th Ed.	Recognized UL SPD
Surge Protection Device (SPD) C	Class to IEC 61643-11	Class I
Nominal Operating Voltage [U _n]		120V / 240V split phase
Nominal Discharge Current [In] p	oer UL 1449 5th Ed.	20 kA 8/20 μs
Maximum Discharge Current [I _{ma}	per IEC 61643-11	60 kA 8/20 µs
Impulse Discharge Current [I _{imp}]	per IEC 61643-11	5 kA 10/350 μs
Maximum Continuous Operating Voltage [U _c] (MCOV)		150V per line
Voltage Protection Level [U _p] per IEC 61643-11		700V
Suppression Technology		MOV
Protection Modes		L1 to Neutral, L2 to Neutral
Standards Compliance & Cer	rtifications	
Strikesorb modules are complian UL 1449 5th Edition: 2011, IEC 6		tective Device (SPD) standards: 1: 2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA-LS-1
Certification		UL, VDE, CE
Panel Board Certification		UL 67 (suitable for use as service equipment)

^{*}Additional breakers and sizes are available and sold seperately.



