NextGen Series Modular Freestanding Enclosures



Your Enclosure Source ®

Application

Can be bolted together in any desired multiple door arrangement for maximum versatility. Designed to house a variety of electrical and electronic controls and instruments. Provisions for optional surface mounting or rack mounting of almost any type of equipment. Provides protection from dust, dirt, water and oil. The enclosures are extra deep for applications requiring more interior space. For outdoor application a drip shield and drain vent is recommended.

Construction

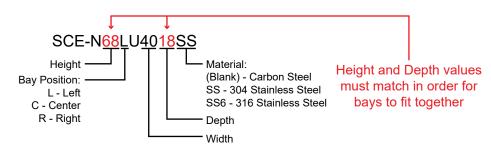
- Provisions for flange mount disconnect in right bays.
- 12-gauge carbon steel.
- ANSI 61 gray polyester powder coated interior and exterior.
- Seams continuously welded and ground smooth
- Flange trough collar around all sides of door opening.
- Body stiffeners in large enclosures for extra rigidity.
- Heavy duty lifting eyes anchor into reinforced top.
- · Concealed hinges.
- Black zinc die cast coinproof/padlocking handle on door.
- 3-point padlocking latching mechanism.
- End of latch rods have ramp shoes for easier door closing.
- · Panel supports.
- Pour-in-place oil & water resistant gasket.
- Optional panels mount to collar studs.
- Ground stud on door and body.
- Hole plugs provided to seal holes in bottom of enclosure.
- Enclosures include provisions for system expansion.
- Includes cable-operated mechanical interlock that can be expanded across multiple bays.

Listings

- UL508A Type 3R, 4 and 12 [cULus Listed File <u>E69392</u>]
- NEMA Ratings 3R, 4, 12, 13
- IEC 60529 Ratings IP66
- Flammability Rating UL94-5V
- Outdoor UV Exposure (UL 746C) (f1) Rated



Bay Compatibility





If a disconnect enclosure is not needed, use a use a Side Exterior Panel instead of a right bay to finish the enclosure.



NextGen Series Modular Freestanding Disconnect Enclosures

Right Bay





SCE-N68RX3418

NextGen Series Modular Freestanding Disconnect Enclosures – Right Bay								
Part Number	Price	Enclosure Nominal Size HxWxD	Drawing Link	Carbon Steel Subpanel	Galvanized Steel Subpanel	End Plate	Barrier Plate	
Single-door								
SCE-N68RX3418	\$1,896.00	68 x 34 x 18in	PDF	SCE-N68P34	SCE-N68P34GALV	SCE-NEP6818	SCE-NBP6818	
SCE-N68RX4018	\$1,990.00	68 x 40 x 18in	PDF	SCE-N68P40	SCE-N68P40GALV	SCE-NEP6818	SCE-NBP6818	
SCE-N80RX4018	\$2,176.00	80 x 40 x 18in	PDF	SCE-N80P40	SCE-N80P40GALV	SCE-NEP8018	SCE-NBP8018	
SCE-N80RX4024	\$2,367.00	80 x 40 x 24in	PDF	SCE-N80P40	SCE-N80P40GALV	SCE-NEP8024	SCE-NBP8024	
SCE-N86RX4018	\$2,257.00	86 x 40 x 18in	PDF	SCE-N86P40	SCE-N86P40GALV	SCE-NEP8618	SCE-NBP8618	
SCE-N86RX4024	\$2,459.00	86 x 40 x 24in	PDF	SCE-N86P40	SCE-N86P40GALV	SCE-NEP8624	SCE-NBP8624	
Overlapping Double-do	oor							
SCE-N68RU7818	\$3,591.00	68 x 78 x 18in	PDF	SCE-N68P78	SCE-N68P78GALV	SCE-NEP6818	SCE-NBP6818	
SCE-N80RU7818	\$3,907.00	80 x 78 x 18in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8018	SCE-NBP8018	
SCE-N80RU7824	\$4,168.00	80 x 78 x 24in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8024	SCE-NBP8024	
SCE-N86RU7818	\$4,065.00	86 x 78 x 18in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8618	SCE-NBP8618	
SCE-N86RU7824	\$4,336.00	86 x 78 x 24in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8624	SCE-NBP8624	
2-Door								
SCE-N68RX7818	\$3,510.00	68 x 78 x 18in	PDF	SCE-N68P78	SCE-N68P78GALV	SCE-NEP6818	SCE-NBP6818	
SCE-N80RX7818	\$3,815.00	80 x 78 x 18in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8018	SCE-NBP8018	
SCE-N80RX7824	\$4,066.00	80 x 78 x 24in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8024	SCE-NBP8024	
SCE-N86RX7818	\$3,943.00	86 x 78 x 18in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8618	SCE-NBP8618	
SCE-N86RX7824	\$4,206.00	86 x 78 x 24in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8624	SCE-NBP8624	
Notes: Subpanels must	be ordered s	eparately.		•				

NextGen Series Modular Freestanding Enclosures

Center Bay





SCE-N68C4018

NextGen Series Modular Freestanding Enclosures – Center Bay							
Part Number	Price	Enclosure Nominal Size HxWxD	Drawing Link	Carbon Steel Subpanel	Galvanized Steel Subpanel	End Plate	Barrier Plate
Single-door							
SCE-N68C4018	\$1,990.00	68 x 40 x 18in	PDF	SCE-N68P40	SCE-N68P40GALV	SCE-NEP6818	SCE-NBP6818
SCE-N80C4018	\$2,176.00	80 x 40 x 18in	PDF	SCE-N80P40	SCE-N80P40GALV	SCE-NEP8018	SCE-NBP8018
SCE-N80C4024	\$2,367.00	80 x 40 x 24in	PDF	SCE-N80P40	SCE-N80P40GALV	SCE-NEP8024	SCE-NBP8024
SCE-N86C4018	\$2,257.00	86 x 40 x 18in	PDF	SCE-N86P40	SCE-N86P40GALV	SCE-NEP8618	SCE-NBP8618
Overlapping Double-do	or						
SCE-N68CU7818	\$3,591.00	68 x 78 x 18in	PDF	SCE-N68P78	SCE-N68P78GALV	SCE-NEP6818	SCE-NBP6818
SCE-N80CU7818	\$3,907.00	80 x 78 x 18in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8018	SCE-NBP8018
SCE-N80CU7824	\$4,168.00	80 x 78 x 24in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8024	SCE-NBP8024
SCE-N86CU7818	\$4,065.00	86 x 78 x 18in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8618	SCE-NBP8618
SCE-N86CU7824	\$4,336.00	86 x 78 x 24in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8624	SCE-NBP8624
2-Door							
SCE-N68C5418	\$3,023.00	68 x 54 x 18in	PDF	SCE-N68P54	SCE-N68P54GALV	SCE-NEP6818	SCE-NBP6818
SCE-N68C7818	\$3,510.00	68 x 78 x 18in	PDF	SCE-N68P78	SCE-N68P78GALV	SCE-NEP6818	SCE-NBP6818
SCE-N80C7818	\$3,815.00	80 x 78 x 18in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8018	SCE-NBP8018
SCE-N80C7824	\$4,066.00	80 x 78 x 24in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8024	SCE-NBP8024
SCE-N86C4024	\$2,459.00	86 x 40 x 24in	PDF	SCE-N86P40	SCE-N86P40GALV	SCE-NEP8624	SCE-NBP8624
SCE-N86C7818	\$3,943.00	86 x 78 x 18in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8618	SCE-NBP8618
SCE-N86C7824	\$4,206.00	86 x 78 x 24in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8624	SCE-NBP8624
Notes: Subpanels must	be ordered s	eparately.					

NextGen Series Modular Freestanding Enclosures

Left Bay





SCE-N68L4018

NextGen Series Modular Freestanding Enclosures – Left Bay							
Part Number	Price	Enclosure Nominal Size HxWxD	Drawing Link	Carbon Steel Subpanel	Galvanized Steel Subpanel	End Plate	Barrier Plate
Single-door							
SCE-N68L4018	\$2,038.00	68 x 40 x 18in	PDF	SCE-N68P40	SCE-N68P40GALV	SCE-NEP6818	SCE-NBP6818
SCE-N80L4018	\$2,176.00	80 x 40 x 18in	PDF	SCE-N80P40	SCE-N80P40GALV	SCE-NEP8018	SCE-NBP8018
SCE-N80L4024	\$2,429.00	80 x 40 x 24in	PDF	SCE-N80P40	SCE-N80P40GALV	SCE-NEP8024	SCE-NBP8024
SCE-N86L4018	\$2,257.00	86 x 40 x 18in	PDF	SCE-N86P40	SCE-N86P40GALV	SCE-NEP8618	SCE-NBP8618
SCE-N86L4024	\$2,459.00	86 x 40 x 24in	PDF	SCE-N86P40	SCE-N86P40GALV	SCE-NEP8624	SCE-NBP8624
Overlapping Double-do	or						
SCE-N68LU7818	\$3,591.00	68 x 78 x 18in	PDF	SCE-N68P78	SCE-N68P78GALV	SCE-NEP6818	SCE-NBP6818
SCE-N80LU7818	\$3,907.00	80 x 78 x 18in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8018	SCE-NBP8018
SCE-N86LU7818	\$4,065.00	86 x 78 x 18in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8618	SCE-NBP8618
SCE-N86LU7824	\$4,336.00	86 x 78 x 24in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8624	SCE-NBP8624
2-Door							
SCE-N68L5418	\$3,023.00	68 x 54 x 18in	PDF	SCE-N68P54	SCE-N68P54GALV	SCE-NEP6818	SCE-NBP6818
SCE-N68L7818	\$3,591.00	68 x 78 x 18in	PDF	SCE-N68P78	SCE-N68P78GALV	SCE-NEP6818	SCE-NBP6818
SCE-N80L7818	\$3,815.00	80 x 78 x 18in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8018	SCE-NBP8018
SCE-N80L7824	\$4,066.00	80 x 78 x 24in	PDF	SCE-N80P78	SCE-N80P78GALV	SCE-NEP8024	SCE-NBP8024
SCE-N86L7818	\$3,943.00	86 x 78 x 18in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8618	SCE-NBP8618
SCE-N86L7824	\$4,206.00	86 x 78 x 24in	PDF	SCE-N86P78	SCE-N86P78GALV	SCE-NEP8624	SCE-NBP8624
Notes: Subpanels must	be ordered s	eparately.	,				

NextGen Subpanels and Filler Plates



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N	NextGen Subpanels							
Part Number	Price	Fits Enclosure Size H x W	Drawing Link					
Carbon Steel with White Powder Coat								
SCE-N68P28	\$211.00	68 x 28	PDF					
SCE-N68P34	\$221.00	68 x 34	PDF					
SCE-N68P40	\$241.00	68 x 40	<u>PDF</u>					
SCE-N68P54	\$441.00	68 x 54	<u>PDF</u>					
SCE-N68P66	\$478.00	68 x 66	PDF					
SCE-N68P78	\$562.00	68 x 78	PDF					
SCE-N80P40	\$331.00	80 x 40	PDF					
SCE-N80P78	\$659.00	80 x 78	PDF					
SCE-N86P40	\$368.00	86 x 40	PDF					
SCE-N86P78	\$662.00	86 x 78	<u>PDF</u>					
Galvanized Steel								
SCE-N68P28GALV	\$263.00	68 x 28	PDF					
SCE-N68P34GALV	\$276.00	68 x 34	PDF					
SCE-N68P40GALV	\$301.00	68 x 40	<u>PDF</u>					
SCE-N68P54GALV	\$552.00	68 x 54	PDF					
SCE-N68P66GALV	\$598.00	68 x 66	PDF					
SCE-N68P78GALV	\$702.00	68 x 78	PDF					
SCE-N80P40GALV	\$414.00	80 x 40	PDF					
SCE-N80P78GALV	\$824.00	80 x 78	PDF					
SCE-N86P40GALV	\$460.00	86 x 40	PDF					
SCE-N86P78GALV	\$828.00	86 x 78	<u>PDF</u>					
Note: Dimensions in inc	hes [millimeter	rs]						

NextGen Filler Plates								
Part Number	Price	Fits Nominal Enclosure Height	Drawing Link					
Carbon Steel with Whit	Carbon Steel with White Powder Coat							
SCE-72FP	\$110.00	68 or 72	PDF					
SCE-84FP	\$125.00	80 or 84	PDF					
SCE-90FP	\$135.00	86 or 90	PDF					
Galvanized Steel								
SCE-72FPGALV	\$127.00	68 or 72	PDF					
SCE-84FPGALV	\$145.00	80 or 84	PDF					
SCE-90FPGALV	\$157.00	86 or 90	PDF					
Note: Dimensions in inc	hes							

Filler plates are placed between subpanels of connected bays to fill the gap and create a continuous panel across multiple bays.

NextGen Accessories



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Side Exterior Panel									
Part Number	Price	For NextGen Enclosure Nominal Size (H x D)	Drawing Link						
Carbon Steel									
SCE-NEP6818	\$317.00	68 x 18in	PDF						
SCE-NEP8018	\$336.00	80 x 18in	PDF						
SCE-NEP8024	\$373.00	80 x 24in	PDF						
SCE-NEP8618	\$465.00	86 x 18in	PDF						
SCE-NEP8624	\$493.00	86 x 24in	PDF						
304 Stainless Steel									
SCE-NEP6818SS	\$1,111.00	68 x 18in	PDF						
SCE-NEP8018SS	\$1,177.00	80 x 18in	PDF						
SCE-NEP8024SS	\$1,306.00	80 x 24in	PDF						
SCE-NEP8618SS	\$1,626.00	86 x 18in	PDF						
SCE-NEP8624SS	\$1,726.00	86 x 24in	PDF						
316 Stainless Steel	316 Stainless Steel								
SCE-NEP6818SS6	\$1,270.00	68 x 18in	PDF						
SCE-NEP8018SS6	\$1,345.00	80 x 18in	PDF						
SCE-NEP8024SS6	\$1,493.00	80 x 24in	PDF						
SCE-NEP8618SS6	\$1,858.00	86 x 18in	PDF						
SCE-NEP8624SS6	\$1,973.00	86 x 24in	<u>PDF</u>						

Application

Designed to be a sealed cover for the open end of a NextGen Free-Standing Enclosure. Gasket and mounting hardware included.

Finish

- Carbon Steel: Powder coated ANSI 61 Gray
- Stainless Steel: #4 Brush finish
- UL508A Type 3R, 4, 4X (stainless steel only) and 12 [cULus Listed File E69392]
- NEMA Ratings 3R, 4, 4X (stainless steel only) 12, 13
- IEC 60529 Ratings IP66

Listings

- Flammability Rating UL94-5V
- Outdoor UV Exposure (UL 746C) (f1)





Enclosure Barrier						
Part Number	Price	For NextGen Enclosure Nominal Size (H x D)	Drawing Link			
SCE-NBP6818	\$245.00	68in x 18in	PDF			
SCE-NBP8018	\$262.00	80in x 18in	<u>PDF</u>			
SCE-NBP8024	\$281.00	80in x 24in	PDF			
SCE-NBP8618	\$279.00	86in x 18in	<u>PDF</u>			
SCE-NBP8624	\$307.00	86in x 24in	PDF			

Application

Designed to be installed between two modular section of NextGen Free-Standing enclosures to provide protection against Arc Flash, and aid the separation of high voltage and low voltage within the enclosure. Made of heavy gauge carbon steel and powder coated white.

SCE-NBP6818

NextGen Accessories



Center Channel Gasket					
Part Number	Price	Description			
SCE-129751	\$6.75	Center channel gasket, replacement Package of 2 For use with NextGen two-door enclosures with removable center channel			



SCE-129751

Enclosure Baying Kit					
Part Number	Price	Description			
SCE-130516	\$58.00	Baying kit, replacement For use with NextGen enclosures Includes gaskets and fasteners			



SCE-130516

Mechanical Interlock					
Part Number	Price	Description			
SCE-130521	\$85.00	Mechanical interlock, overlapping doors For use with NextGen double-door freestanding enclosures			

Used in conjunction with the interlock cable system. Replacement part.



SCE-130521

Mechanical Interlock Cable						
Part Number Price Length For use with						
SCE-130518	\$38.00	168in	NextGen two-door enclosure interlocks			
SCE-130520	\$36.50	132in	NextGen single-door enclosure interlocks			



SCE-130518

Enclosures: Freestanding tENS-284