

Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with Window



Application

Designed to house and protect electrical and electronic components from harsh, dirty environments. For use in installations where dust, dirt, oil, water or other contaminants are present. Streamlined styling, window, and an attractive, durable finish complement any high-tech electronic equipment.



Construction

- Bodies and doors fabricated from 14- or 16-gauge 304 stainless steel
- Plasma welded seams
- Poured-in-place polyurethane gasket
- Collar studs provided for mounting optional subpanels
- Grounding provisions provided
- Concealed hinges
- Polycarbonate viewing window
- Increased tub openings to accommodate larger size (optional) subpanels
- Optional subpanels must be ordered separately
- Swing-out panel kits WAJCDFK and WANADFK will not work with these enclosures
- Doors are interchangeable and easily removable (open to 90° to remove door)
- 1/4 turn, semi-flush oil-tight latches supplied to hold door securely closed
- Mounting holes in rear of enclosure body
- Optional N412MFKSS mounting foot kit is required to maintain the NEMA 4, 4X, 12, and 13 ratings
 - Mounting foot kit must be ordered separately
- Uses N41214TSS series latches

Finish

- All exterior surfaces have a smooth-grained finish
- Painted steel subpanels are white polyester powder over phosphatized surfaces
- Galvanized and stainless subpanels are a conductive finish (unpainted)
- Uses N41214TSS series latches

Listings

- UL 508, 4, 4X, 12, and 13 [UL file E64791]
- Meets NEMA/EEMAC 4, 4X, 12, and 13 requirements
- Wall mounting brackets required to maintain UL/CSA external mounting requirements



Note: For current listings, please see www.automationdirect.com

Shipping Schedule

Same day 1 - 5 days 1 - 7 days 1-10 days 1 - 15 days 1 - 20 days

Color indicates shipping lead time in business days.

Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with Window

304 Stainless Steel	Price	Enclosure Size HxWxD	Steel Gauge	Painted Steel Subpanel	Stainless Steel Subpanel	Galvanized Subpanel	Swing-Out Panel
N412121206WSSC		12.00 x 12.00 x 6.92 [305 x 305 x 176]	16	NP1212C	—	NP1212CG	HFWNSP1212C
N412121208WSSC		12.00 x 12.00 x 8.92 [305 x 305 x 227]	16	NP1212C	—	NP1212CG	HFWNSP1212C
N412161206WSSC	Retired	16.00 x 12.00 x 6.92 [406 x 305 x 176]	16	NP1612C	NP1612SSC	NP1612CG	HFWNSP1612C
N412161208WSSC		16.00 x 12.00 x 8.92 [406 x 305 x 227]	16	NP1612C	NP1612SSC	NP1612CG	HFWNSP1612C
N412161210WSSC		16.00 x 12.00 x 10.92 [406 x 305 x 277]	16	NP1612C	NP1612SSC	NP1612CG	HFWNSP1612C
N412201606WSSC	Retired	20.00 x 16.00 x 6.92 [508 x 406 x 176]	16	NP2016C	NP2016SSC	NP2016CG	HFWNSP2016C
N412201608WSSC	Retired	20.00 x 16.00 x 8.92 [508 x 406 x 227]	16	NP2016C	NP2016SSC	NP2016CG	HFWNSP2016C
N412201610WSSC		20.00 x 16.00 x 10.92 [508 x 406 x 277]	16	NP2016C	NP2016SSC	NP2016CG	HFWNSP2016C
N412202006WSSC	Retired	20.00 x 20.00 x 6.92 [508 x 508 x 176]	16	NP2020C	NP2020SSC	NP2020CG	HFWNSP2020C
N412202008WSSC		20.00 x 20.00 x 8.92 [508 x 508 x 227]	16	NP2020C	NP2020SSC	NP2020CG	HFWNSP2020C
N412202010WSSC	Retired	20.00 x 20.00 x 10.92 [508 x 508 x 277]	16	NP2020C	NP2020SSC	NP2020CG	HFWNSP2020C
N412202012WSSC	Retired	20.00 x 20.00 x 12.92 [508 x 508 x 328]	16	NP2020C	NP2020SSC	NP2020CG	HFWNSP2020C
N412242006WSSC	Retired	24.00 x 20.00 x 6.92 [610 x 508 x 176]	16	NP2420C	NP2420SSC	NP2420CG	HFWNSP2420C
N412242008WSSC		24.00 x 20.00 x 8.92 [610 x 508 x 227]	16	NP2420C	NP2420SSC	NP2420CG	HFWNSP2420C

Notes: Subpanels must be ordered separately.
 Dimensions in inches [millimeters].
 Letters in table correspond to letters on dimensional drawings.

Table continued on next page

Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with Window



Shipping Schedule					
Same day	1 - 5 days	1 - 7 days	1-10 days	1 - 15 days	1 - 20 days

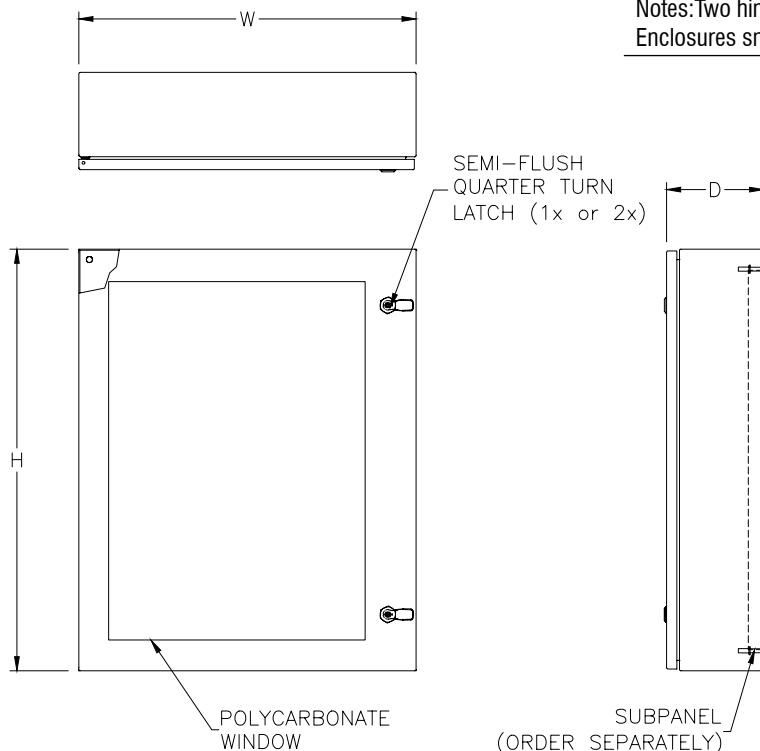
Color indicates shipping lead time in business days.

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Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with Window							
304 Stainless Steel	Price	Enclosure Size HxWxD	Steel Gauge	Painted Steel Subpanel	Stainless Steel Subpanel	Galvanized Subpanel	Swing-Out Panel
N412242010WSSC	Retired	24.00 x 20.00 x 10.92 [610 x 508 x 277]	14	NP2420C	NP2420SSC	NP2420CG	HFWNSP2420C
N412242012WSSC	Retired	24.00 x 20.00 x 12.92 [610 x 508 x 328]	14	NP2420C	NP2420SSC	NP2420CG	HFWNSP2420C
N412242406WSSC	Retired	24.00 x 24.00 x 6.92 [610 x 610 x 176]	14	NP2424C	NP2424SSC	NP2424CG	HFWNSP2424C
N412242408WSSC		24.00 x 24.00 x 8.92 [610 x 610 x 227]	14	NP2424C	NP2424SSC	NP2424CG	HFWNSP2424C
N412242410WSSC	Retired	24.00 x 24.00 x 10.92 [610 x 610 x 277]	14	NP2424C	NP2424SSC	NP2424CG	HFWNSP2424C
N412242412WSSC		24.00 x 24.00 x 12.92 [610 x 610 x 328]	14	NP2424C	NP2424SSC	NP2424CG	HFWNSP2424C
N412242416WSSC		24.00 x 24.00 x 16.92 [610 x 610 x 430]	14	NP2424C	NP2424SSC	NP2424CG	HFWNSP2424C
N412242420WSSC	Retired	24.00 x 24.00 x 20.92 [610 x 610 x 531]	14	NP2424C	NP2424SSC	NP2424CG	HFWNSP2424C
N412302406WSSC	Retired	30.00 x 24.00 x 6.92 [762 x 610 x 176]	14	NP3024C	NP3024SSC	NP3024CG	HFWNSP3024C
N412302408WSSC		30.00 x 24.00 x 8.92 [762 x 610 x 227]	14	NP3024C	NP3024SSC	NP3024CG	HFWNSP3024C
N412302410WSSC	Retired	30.00 x 24.00 x 10.92 [762 x 610 x 277]	14	NP3024C	NP3024SSC	NP3024CG	HFWNSP3024C
N412302412WSSC		30.00 x 24.00 x 12.92 [762 x 610 x 328]	14	NP3024C	NP3024SSC	NP3024CG	HFWNSP3024C
N412302420WSSC	Retired	30.00 x 24.00 x 20.92 [762 x 610 x 531]	14	NP3024C	NP3024SSC	NP3024CG	HFWNSP3024C

Notes: Subpanels must be ordered separately.
Dimensions in inches [millimeters].
Letters in table correspond to letters on dimensional drawings.

Dimensions



Notes: Two hinges are provided when H=36 in [914 mm] with each enclosure. Enclosures smaller than 24 in [610 mm] have one latch.

Enclosure Subpanels



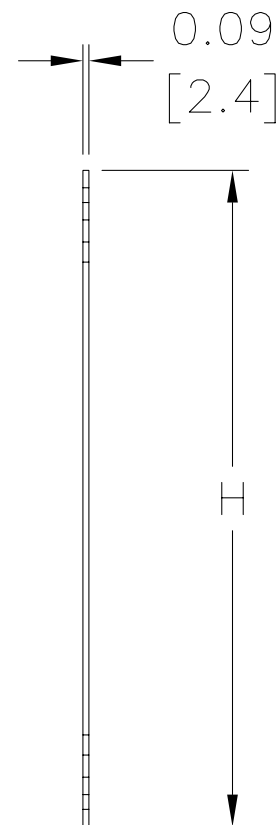
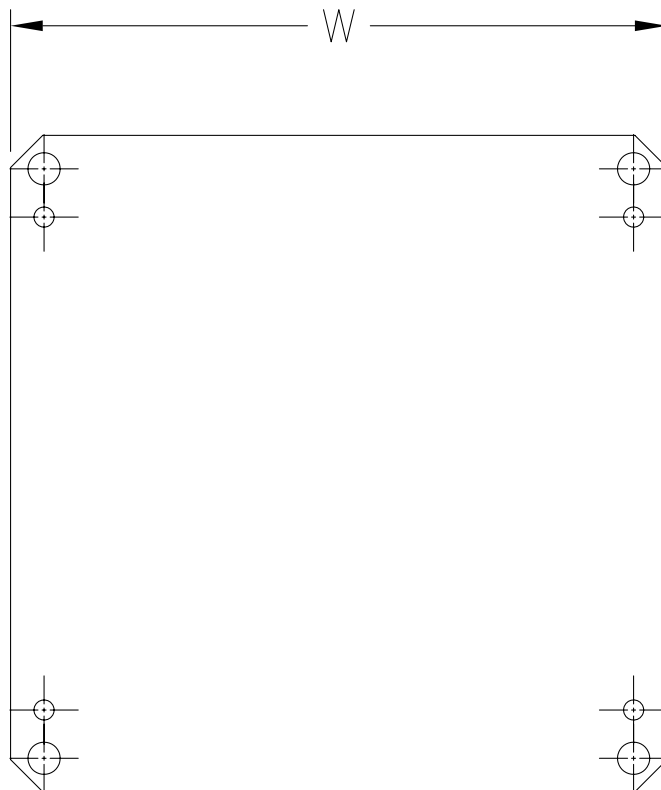
Subpanels for Ultimate Series Wall-Mount Enclosures

- 12-gauge steel
- Subpanels with dimensions 30 x 30 in [762 x 762 mm] and larger are flanged on all sides. Smaller subpanels are flanged on two sides
- Painted steel subpanels are white polyester powder over phosphatized surfaces
- Galvanized subpanels have a conductive finish (no paint)
- Panels listed fit all styles of N412 Ultimate Series wall-mount enclosures, including slope top and disconnect enclosures

Note: NPxxxxC subpanels will not fit in older NEMA 4/12 enclosures (purchased prior to 3-23-05) that do not have a C suffix. For example: Subpanel NP1212C will not fit enclosures N412121206 or N412121206SS.



Dimensions



Enclosure Subpanels



Subpanels for Ultimate Series Wall-Mount Enclosures

Shipping Schedule

Same day 1 - 5 days 1 - 7 days 1 - 15 days 1 - 20 days

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Subpanels for Ultimate Series Wall-Mount Enclosures

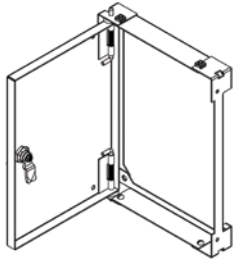
Painted Steel	Price	Galvanized	Price	304 Stainless Steel	Price	Nominal Enclosure Size HxW*	Subpanel Size HxW
NP1212C		NP1212CG	Retired	—	—	12 x 12	10.20 x 10.20 [259 x 259]
NP1612C		NP1612CG	Retired	NP1612SSC		16 x 12	14.20 x 10.20 [361 x 259]
NP1616C		NP1616CG	Retired	NP1616SSC		16 x 16	14.20 x 14.20 [361 x 361]
NP2016C		NP2016CG	Retired	NP2016SSC		16 x 20 20 x 16	18.20 x 14.20 [462 x 361]
NP2020C		NP2020CG	Retired	NP2020SSC		20 x 20	18.20 x 18.20 [462 x 462]
NP2416C		NP2416CG	Retired	NP2416SSC		24 x 16	22.20 x 14.20 [564 x 361]
NP2420C		NP2420CG	Retired	NP2420SSC		24 x 20	22.20 x 18.20 [564 x 462]
NP2424C		NP2424CG	Retired	NP2424SSC		24 x 24	22.20 x 22.20 [564 x 564]
NP3020C		NP3020CG	Retired	—	—	30 x 20	28.20 x 18.20 [716 x 462]
NP3024C		NP3024CG	Retired	NP3024SSC		30 x 24	28.20 x 22.20 [716 x 564]
NP3030C		NP3030CG	Retired	NP3030SSC		30 x 30	28.20 x 28.20 [716 x 716]
NP3624C		NP3624CG	Retired	NP3624SSC		24 x 36 36 x 24	34.20 x 22.20 [869 x 564]
NP3630C		NP3630CG	Retired	NP3630SSC		36 x 30	34.20 x 28.20 [869 x 716]
NP3636C		NP3636CG	Retired	NP3636SSC		36 x 36	34.20 x 34.20 [869 x 869]
NP4224C		—	—	—	—	24 x 42	40.20 x 22.20 [1021 x 564]
NP4024C		NP4024CG	Retired	—	—	40 x 24	38.20 x 22.20 [970 x 564]
NP4242C		—	—	—	—	42 x 42	40.20 x 40.20 [1021 x 1021]
NP4230C		—	—	—	—	30 x 42 42 x 32	40.20 x 28.20 [1021 x 716]
NP4236C		NP4236CG	Retired	NP4236SSC		36 x 42 42 x 36	40.20 x 34.20 [1021 x 869]
NP4824C		NP4824CG	Retired	—	—	24 x 48 48 x 24	46.20 x 22.20 [1173 x 564]
NP4830C		—	—	—	—	30 x 48	46.20 x 28.20 [1173 x 716]
NP4842C		—	—	—	—	42 x 48	46.20 x 40.20 [1173 x 1021]
NP4836C		NP4836CG	Retired	NP4836SSC		36 x 48 48 x 36	46.20 x 34.20 [1173 x 869]
NP4848C		—	—	—	—	48 x 48	46.20 x 46.20 [1173 x 1173]
NP6030C		—	—	—	—	30 x 60	58.20 x 28.20 [1478 x 716]
NP6036C		NP6036CG	Retired	NP6036SSC		36 x 30 60 x 36	58.20 x 34.20 [1478 x 869]
NP6042C		—	—	—	—	42 x 60	58.20 x 40.20 [1478 x 1021]

Notes: Dimensions in inches [millimeters].

Letters in table correspond to letters on dimensional drawing.

Disconnect enclosures will be up to 2 in [51 mm] wider than width dimensions in this table.

Swing-Out Panels for Ultimate Series Enclosures



For N412 Ultimate Series Wall-Mount Enclosures except N412-1PTC, -3PTC, -SS1PTC, -SS3PTC, -SSA1PTC, and -SSA3PTC

- Maximum swing 107°
- Convenient access to sub enclosure is provided via 1/4 turn pull-tab
- On solid doors, the clearance from the swing panel face to the interior door face is 1.25in [31.8mm] on window doors (when the door is closed)
- The kit includes the swing panel, brackets and hardware necessary for a tub flange install. Swing out panels meet 1 with enclosure door open
- Painted steel subpanels are painted white polyester powder over phosphated surfaces
- Fabricated from 14-gauge steel
- Mounting hardware is furnished with each panel

Note: HFWNSPxxxxC swing-out panels will not fit in older NEMA 4/12 enclosures (purchased prior to 3-23-05) that do not have a C suffix. For example: Swing-out panel HFWNSP1212C will not fit enclosures N41212126 or N412121206SS.

Shipping Schedule

Same day 1 - 5 days 1 - 7 days 1 - 15 days 1 - 20 days

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Swing-Out Panels for Ultimate Series Enclosures

Part Number	Price	Panel Size CxE	Overall Dimensions HxW	Enclosure Nominal Size
HFWNSP1212C		9.75 x 9.75 [248 x 248]	10.50 x 10.62 [267 x 270]	12 x 12
HFWNSP1612C		13.75 x 9.75 [349 x 248]	14.50 x 10.62 [368 x 270]	16 x 12
HFWNSP1616C		13.75 x 13.75 [349 x 349]	14.50 x 14.62 [368 x 37]	16 x 16
HFWNSP1620C		13.75 x 17.75 [349 x 451]	14.50 x 18.62 [368 x 473]	16 x 20
HFWNSP2016C		17.75 x 13.75 [451 x 349]	18.50 x 14.62 [470 x 371]	20 x 16
HFWNSP2020C		17.75 x 17.75 [451 x 451]	18.50 x 18.62 [470 x 473]	20 x 20
HFWNSP2024C		17.75 x 21.75 [451 x 552]	18.50 x 22.62 [470 x 575]	20 x 24
HFWNSP2416C		21.75 x 13.75 [552 x 349]	22.50 x 14.62 [572 x 371]	24 x 16
HFWNSP2420C		21.75 x 17.75 [552 x 451]	22.50 x 18.62 [572 x 473]	24 x 20
HFWNSP2424C		21.75 x 21.75 [552 x 552]	22.50 x 22.62 [572 x 575]	24 x 24
HFWNSP3020C		27.75 x 17.75 [705 x 451]	28.50 x 18.62 [724 x 473]	30 x 20
HFWNSP3024C		27.75 x 21.75 [705 x 552]	28.50 x 22.62 [724 x 575]	30 x 24
HFWNSP3030C		27.75 x 27.75 [705 x 705]	28.50 x 28.62 [724 x 727]	30 x 30
HFWNSP3624C		33.75 x 21.75 [857 x 552]	34.50 x 22.62 [876 x 575]	36 x 24
HFWNSP3630C		33.75 x 27.75 [857 x 705]	34.50 x 28.62 [876 x 727]	36 x 30
HFWNSP3636C		33.75 x 33.75 [857 x 857]	34.50 x 34.62 [876 x 879]	36 x 36

Notes: Dimensions in inches [millimeters].
 Letters in table correspond to letters on dimensional drawings.
 If used in a two-door enclosure, a center panel support must be ordered.

Dimensions

