

# NEMA 4, 12 and 13 Single-Door Wall Mount



## Applications

Intended for use in housing electrical controls, instruments, components, and associated wiring, these enclosures incorporate hinged doors which provide convenient access. Designed for indoor or outdoor use in protecting components from dust, dirt, oil, and hose-directed water.



## Construction

- Bodies and doors fabricated from 14 gauge steel
- Rolled lip on three sides of door and all sides of enclosure opening is provided to exclude liquids and contaminants
- Quick and easy-to-operate stainless steel door clamps are provided
- Doors removable by pulling stainless steel continuous hinge pin
- Hasp and staple for padlocking
- Poured-in-place polyurethane gasket
- Collar studs provided for mounting optional subpanels
- External mounting feet for mounting enclosure
- Grounding provisions provided
- Optional subpanels must be ordered separately
- Continuously plasma-welded seams
- **Uses WAN4XRA clamp**

## Finish

ANSI-61 gray polyester powder light texture inside and out over phosphatized surfaces.

## Listings

- UL 508, Types 4, 12 and 13  
[UL file E64791]
- NEMA/EEMAC Types 4, 12 and 13
- JIC EL-1-71



FOR CURRENT LISTINGS, PLEASE SEE  
WWW.AUTOMATIONDIRECT.COM

### Enclosure Shipping Schedule

Same day	1 - 5 days	1 - 7 days	1 -10 days	1 - 15 days	1 - 20 days
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Color indicates shipping lead time in business days.

### NEMA 4, 12 and 13 Single-Door Wall Mount

Part Number	Price	Enclosure Size HxWxD	Painted Steel Subpanel	Stainless Steel Subpanel	Galvanized Subpanel	Perforated Subpanel
N4161206	\$318.00	16.00 x 12.00 x 7.03 [406 x 305 x 179]	NP1612	NP1612SS	NP1612G	NP1612PP
N4161208	\$334.00	16.00 x 12.00 x 9.03 [406 x 305 x 229]	NP1612	NP1612SS	NP1612G	NP1612PP
N4161606	\$343.00	16.00 x 16.00 x 7.03 [406 x 406 x 179]	NP1616	NP1616SS	NP1616G	NP1616PP
N4162006	\$378.00	16.00 x 20.00 x 7.03 [406 x 508 x 179]	NP2016	NP2016SS	NP2016G	NP2016PP
N4201606	\$368.00	20.00 x 16.00 x 7.03 [508 x 406 x 179]	NP2016	NP2016SS	NP2016G	NP2016PP
N4201608	\$388.00	20.00 x 16.00 x 9.03 [508 x 406 x 229]	NP2016	NP2016SS	NP2016G	NP2016PP
N4201610	\$408.00	20.00 x 16.00 x 11.03 [508 x 406 x 280]	NP2016	NP2016SS	NP2016G	NP2016PP
N4202006	\$396.00	20.00 x 20.00 x 7.03 [508 x 508 x 179]	NP2020	NP2020SS	NP2020G	NP2020PP
N4202008	\$419.00	20.00 x 20.00 x 9.03 [508 x 508 x 229]	NP2020	NP2020SS	NP2020G	NP2020PP
N4202408	\$463.00	20.00 x 24.00 x 9.03 [508 x 610 x 229]	NP2420	NP2420SS	NP2420G	NP2420PP
N4241206	\$369.00	24.00 x 12.00 x 7.03 [610 x 305 x 179]	NP1224	-	NP1224G	-
N4241606	\$403.00	24.00 x 16.00 x 7.03 [610 x 406 x 179]	NP2416	NP2416SS	NP2416G	-
N4242006	\$438.00	24.00 x 20.00 x 7.03 [610 x 508 x 179]	NP2420	NP2420SS	NP2420G	NP2420PP
N4242008	\$450.00	24.00 x 20.00 x 9.03 [610 x 508 x 229]	NP2420	NP2420SS	NP2420G	NP2420PP
N4242010	\$475.00	24.00 x 20.00 x 11.03 [610 x 508 x 280]	NP2420	NP2420SS	NP2420G	NP2420PP
N4242406	\$472.00	24.00 x 24.00 x 7.03 [610 x 610 x 179]	NP2424	NP2424SS	NP2424G	NP2424PP
N4242408	\$486.00	24.00 x 24.00 x 9.03 [610 x 610 x 229]	NP2424	NP2424SS	NP2424G	NP2424PP
N4243008	\$555.00	24.00 x 30.00 x 9.03 [610 x 762 x 229]	NP3024	NP3024SS	NP3024G	NP3024PP

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters]

Letters in table correspond to letters on dimensional drawings.

# NEMA 4, 12 and 13 Single-Door Wall Mount

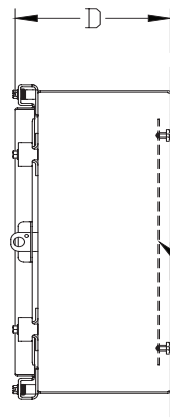
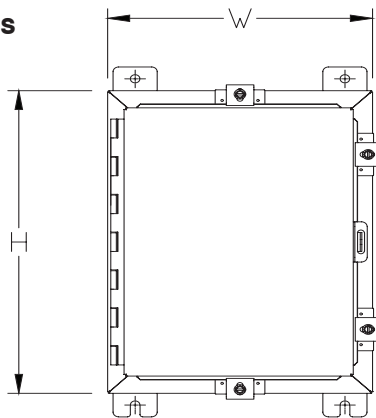
Enclosure Shipping Schedule					
Same day	1 - 5 days	1 - 7 days	1 - 10 days	1 - 15 days	1 - 20 days

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NEMA 4, 12 and 13 Single-Door Wall Mount – [cont.]						
Part Number	Price	Enclosure Size HxWxD	Painted Steel Subpanel	Stainless Steel Subpanel	Galvanized Subpanel	Perforated Subpanel
N4302006	\$483.00	30.00 x 20.00 x 7.03 [762 x 508 x 179]	NP3020	NP3020SS	NP3020G	–
N4302008	\$511.00	30.00 x 20.00 x 9.03 [762 x 508 x 229]	NP3020	NP3020SS	NP3020G	–
N4302406	\$524.00	30.00 x 24.00 x 7.03 [762 x 610 x 179]	NP3024	NP3024SS	NP3024G	NP3024PP
N4302408	\$539.00	30.00 x 24.00 x 9.03 [762 x 610 x 229]	NP3024	NP3024SS	NP3024G	NP3024PP
N4302410	\$570.00	30.00 x 24.00 x 11.03 [762 x 610 x 280]	NP3024	NP3024SS	NP3024G	NP3024PP
N4302412	\$600.00	30.00 x 24.00 x 13.03 [762 x 610 x 331]	NP3024	NP3024SS	NP3024G	NP3024PP
N4303008	\$603.00	30.00 x 30.00 x 9.03 [762 x 762 x 229]	NP3030	NP3030SS	NP3030G	NP3030PP
N4362406	\$576.00	36.00 x 24.00 x 7.03 [914 x 610 x 179]	NP3624	NP3624SS	NP3624G	NP3624PP
N4362408	\$593.00	36.00 x 24.00 x 9.03 [914 x 610 x 229]	NP3624	NP3624SS	NP3624G	NP3624PP
N4363008	\$667.00	36.00 x 30.00 x 9.03 [914 x 762 x 229]	NP3630	NP3630SS	NP3630G	NP3630PP
N4363010	\$704.00	36.00 x 30.00 x 11.03 [914 x 762 x 280]	NP3630	NP3630SS	NP3630G	NP3630PP
N4363012	\$740.00	36.00 x 30.00 x 13.03 [914 x 762 x 331]	NP3630	NP3630SS	NP3630G	NP3630PP
N4363016**	\$816.00	36.00 x 30.00 x 17.03 [914 x 762 x 433]	NP3630	NP3630SS	NP3630G	NP3630PP
N4423008	\$751.00	42.00 x 30.00 x 9.03 [1067 x 762 x 229]	NP4230	NP4230SS	NP4230G	NP4230PP
N4423608	\$837.00	42.00 x 36.00 x 9.03 [1067 x 914 x 229]	NP4236	NP4236SS	NP4236G	NP4236PP
N4483010	\$862.00	48.00 x 30.00 x 11.03 [1219 x 762 x 280]	NP4830	–	NP4830G	–
N4483608**	\$913.00	48.00 x 36.00 x 9.03 [1219 x 914 x 229]	NP4836	NP4836SS	NP4836G	NP4836PP
N4483610	\$962.00	48.00 x 36.00 x 11.03 [1219 x 914 x 280]	NP4836	NP4836SS	NP4836G	NP4836PP
N4483612**	\$982.00	48.00 x 36.00 x 13.03 [1219 x 914 x 331]	NP4836	NP4836SS	NP4836G	NP4836PP
N4483616**	\$1,077.00	48.00 x 36.00 x 17.03 [1219 x 914 x 433]	NP4836	NP4836SS	NP4836G	NP4836PP
N4603608**	\$1,066.00	60.00 x 36.00 x 9.03 [1524 x 914 x 229]	NP6036	NP6036SS	NP6036G	NP6036PP
N4603610	\$1,122.00	60.00 x 36.00 x 11.03 [1524 x 914 x 280]	NP6036	NP6036SS	NP6036G	NP6036PP
N4603616**	\$1,253.00	60.00 x 36.00 x 17.03 [1524 x 914 x 433]	NP6036	NP6036SS	NP6036G	NP6036PP

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

## Dimensions



SUBPANEL  
(ORDER SEPARATELY)

NOTE: Do NOT use NPxxxxC subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures. For example: Subpanel NP1612C will not fit enclosure WA161206FM [NP1612 is the correct subpanel]. Only use NPxxxx subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures.

See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

# Enclosure Subpanels



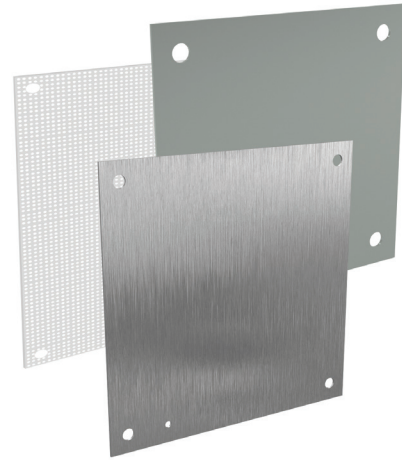
## Subpanels for NEMA 1, 12, 4 and 4X Wall Mount Enclosures and WC9 NEMA 12 Operator Consoles

- 12 gauge steel (perforated subpanels are 14 gauge)
- Subpanels with any side over 17" have 3/4" flange on all sides
- Painted steel and perforated subpanels are white polyester powder over phosphatized surfaces
- Galvanized subpanels have a conductive finish (no paint)

Panels listed fit the following enclosures:

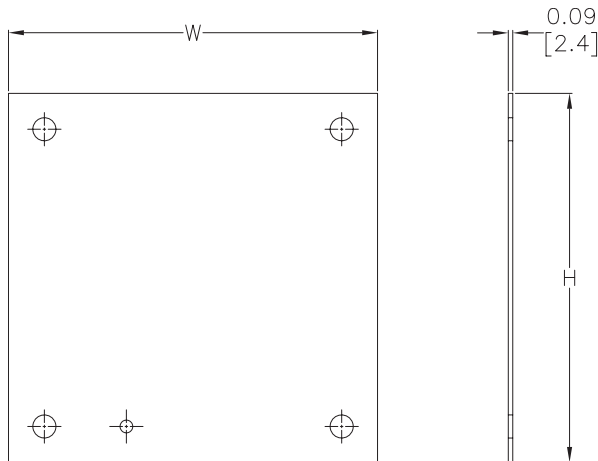
- NEMA 1 large (N1C, 42in width and wider)
- NEMA 12 single door wall mount (N12)
- NEMA 12 two door wall mount (WA\_WF)
- NEMA 12 single door flush wall mount (WA\_FM)
- NEMA 4 (N4) and 4X (SSN) single door wall mount
- NEMA 12 operator consoles (WC9)
- NEMA 12 Wall Disconnect (SDN12\_PL & ABN12)
- NEMA 4 & 4X Wall Mount Disconnect (SSN4 & SSN4X)

**NOTE:** Use NPxxxx subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures only. Do NOT use NPxxxx subpanels in N412 Ultimate Series enclosures with a C in the suffix.



## Dimensions

in [mm]



Perforated panels have 0.13" diameter holes at 0.25" spacing.

NOTE:  
SUBPANELS LARGER THAN  
20 X 20 HAVE (2) 0.31"  
GROUND HOLES.

See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

# Enclosures Subpanels



Enclosure 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.

Subpanels for NEMA 1, 12, 4 and 4X Wall Mount Enclosures and WC9 NEMA 12 Operator Consoles									
Painted Steel	Price	Galvanized	Price	Perforated	Price	304 Stainless Steel	Price	Nominal Enclosure Size HxW	Subpanel Size AxB
NP1212	\$13.50	NP1212G	\$17.50	-	-	-	-	12 x 12	9.00 x 9.00 [229 x 229]
NP1224	\$33.50	NP1224G	\$33.50	-	-	-	-	24 x 12	9.00 x 21.00 [229 x 533]
NP1612	\$24.00	NP1612G	\$24.00	NP1612PP	\$24.00	NP1612SS	\$64.00	12 x 16 16 x 12	13.00 x 9.00 [330 x 229]
NP1616	\$29.50	NP1616G	\$29.50	NP1616PP	\$29.50	NP1616SS	\$77.00	16 x 16	13.00 x 13.00 [330 x 330]
NP2012	\$28.00	NP2012G	\$28.00	-	-	-	-	12 x 20 20 x 12	17.00 x 9.00 [432 x 229]
NP2016	\$35.00	NP2016G	\$35.00	NP2016PP	\$35.00	NP2016SS	\$94.00	20 x 16 16 x 20	17.00 x 13.00 [432 x 330]
NP2020	\$42.50	NP2020G	\$42.50	NP2020PP	\$42.50	NP2020SS	\$121.00	20 x 20	17.00 x 17.00 [432 x 432]
NP2416	\$41.00	NP2416G	\$41.00	-	-	NP2416SS	\$116.00	24 x 16	21.00 x 13.00 [533 x 330]
NP2420	\$55.00	NP2420G	\$55.00	NP2420PP	\$55.00	NP2420SS	\$147.00	20 x 24 24 x 20	21.00 x 17.00 [533 x 432]
NP2424	\$63.00	NP2424G	\$63.00	NP2424PP	\$63.00	NP2424SS	\$171.00	24 x 24	21.00 x 21.00 [533 x 533]
NP3016	\$55.00	NP3016G	\$55.00	-	-	-	-	30 x 16	27.00 x 13.00 [686 x 330]
NP3020	\$66.00	NP3020G	\$66.00	-	-	NP3020SS	\$182.00	30 x 20	27.00 x 17.00 [686 x 432]
NP3024	\$77.00	NP3024G	\$77.00	NP3024PP	\$77.00	NP3024SS	\$207.00	24 x 30 30 x 24	27.00 x 21.00 [686 x 533]
NP3030	\$108.00	NP3030G	\$108.00	NP3030PP	\$108.00	NP3030SS	\$306.00	30 x 30	27.00 x 27.00 [686 x 686]
NP3624	\$92.00	NP3624G	\$92.00	NP3624PP	\$92.00	NP3624SS	\$261.00	36 x 24	33.00 x 21.00 [838 x 533]
NP3630	\$122.00	NP3630G	\$122.00	NP3630PP	\$122.00	NP3630SS	\$324.00	30 x 36 36 x 30	33.00 x 27.00 [838 x 686]
NP3636	\$144.00	NP3636G	\$144.00	NP3636PP	\$144.00	NP3636SS	\$392.00	36 x 36	33.00 x 33.00 [838 x 838]
NP4024	\$110.00	-	-	-	-	-	-	40 x 24	37.00 x 21.00 [940 x 533]
NP4224	\$105.00	NP4224G	\$105.00	-	-	-	-	42 x 24	39.00 x 21.00 [991 x 533]
NP4230	\$140.00	NP4230G	\$140.00	NP4230PP	\$140.00	NP4230SS	\$381.00	42 x 30	39.00 x 27.00 [991 x 686]
NP4236	\$165.00	NP4236G	\$165.00	NP4236PP	\$165.00	NP4236SS	\$457.00	42 x 36	39.00 x 33.00 [991 x 838]
NP4824	\$119.00	NP4824G	\$119.00	-	-	-	-	48 x 24	45.00 x 21.00 [1143 x 533]
NP4830	\$157.00	NP4830G	\$157.00	-	-	-	-	48 x 30	45.00 x 27.00 [1143 x 686]
NP4836	\$186.00	NP4836G	\$186.00	NP4836PP	\$186.00	NP4836SS	\$495.00	48 x 36	45.00 x 33.00 [1143 x 838]
NP6030	\$193.00	NP6030G	\$193.00	-	-	-	\$189.00	60 x 30	57.00 x 27.00 [1448 x 686]
NP6036	\$229.00	NP6036G	\$229.00	NP6036PP	\$229.00	NP6036SS	\$653.00	60 x 36	57.00 x 33.00 [1448 x 838]
NP7230	\$222.00	NP7230G	\$222.00	-	-	-	-	72 x 30	69.00 x 27.00 [1753 x 686]
NP7236	\$272.00	NP7236G	\$272.00	-	-	-	-	72 x 36	69.00 x 33.00 [1753 x 838]

Notes: Dimensions in inches [millimeters].

Letters in table correspond to letters on dimensional drawing.

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