

Application:

- Suitable for housing electrical or electronic controls, instrumentation, and related wiring
- Continuously hinged door allows for easy access to internal components
- Designed for indoor or outdoor use and will protect components from dust, dirt, oil, and hose directed water

Enclosure features:

- Fabricated from 14 gauge steel with seam welds that are ground smooth, except padlocking hasps, door clamps and clamp bases, hinge, and mounting bracket components which are 304 stainless steel provide superior corrosion resistance on wear points
- Includes a removable 12 gauge steel sub plate
- Door gasket is seamless foam-in-place polyurethane
- Ground studs are included on both the door and enclosure body
- Enclosure is finished in ANSI-61 grey polyester powder coating over a phosphated surface
- Sub plate is finished in a white polyester powder coating over a phosphated surface

Industry Standards:

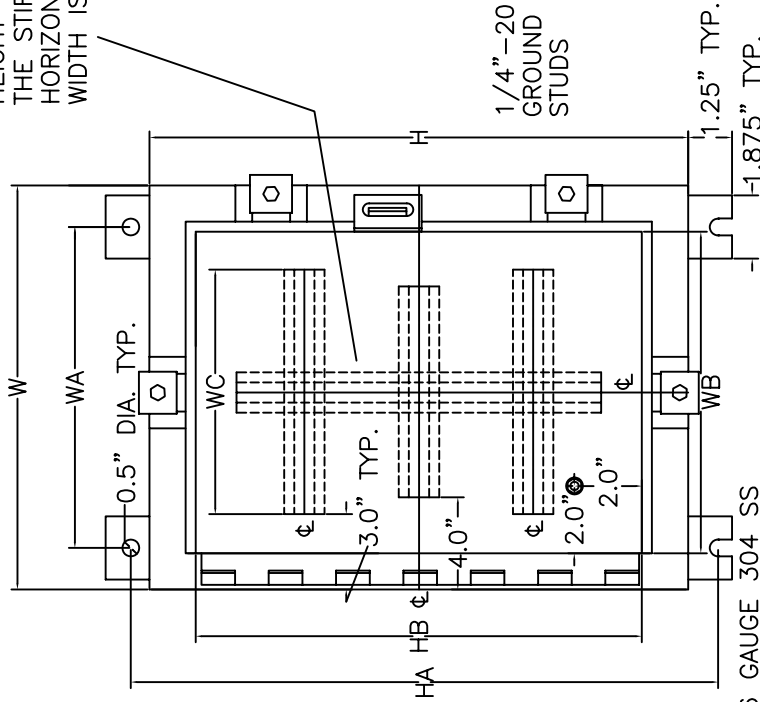
- NEMA 4, 4X
- CSA Type 4, 4X
- UL Type 4, 4X

Approval:

- CSA NRTL/C approved
- UL approved

A VERTICAL DOOR STIFFENER IS ADDED IF THE ENCLOSURE HEIGHT IS GREATER THAN 36" THE STIFFENER IS ADDED HORIZONTALLY IF THE WIDTH IS GREATER THAN 36"

THE SUB PLATE IS SUPPORTED INSIDE THE ENCLOSURE USING STAND OFF BOLTS. TYPICALLY THERE ARE 2 BOLTS COMMON TO EACH SIDE UNLESS THE SUB PLATE SIDE IS LONGER THAN 27", IN WHICH CASE A THIRD BOLT, CENTRED, IS ADDED. STIFFENING FOLDS ARE ADDED IF A SIDE IS LONGER THAN 21".

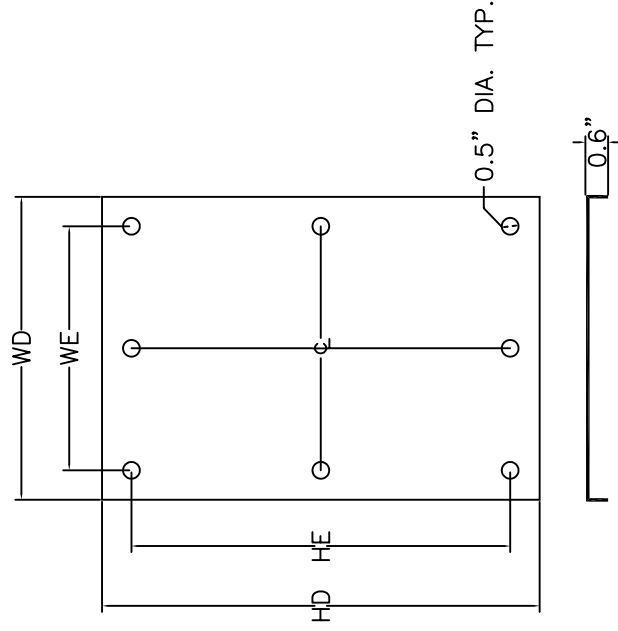


16 GAUGE 304 SS PIANO STYLE HINGE WITH .187" REMOVABLE PIN Z

0.135" TYP.

0.25" X 0.75" GASKET INSIDE PERIMETER OF DOOR

SECTION Z-Z



THREE HORIZONTAL STIFFENERS ARE ADDED INSIDE THE ENCLOSURE IF ITS HEIGHT IS GREATER THAN 36" THE STIFFENERS ARE ADDED VERTICALLY IF THE ENCLOSURE WIDTH IS GREATER THAN 36"

NOTE 1: CLAMPS, CLAMP BASES, 1/4"-28 NF CLAMP BOLTS, WASHERS, AND RETAINING SPRINGS, MOUNTING BRACKETS, PLUS LOCKABLE LATCH PARTS ARE MADE OF 304 SS.

NOTE 2: ALL GROUND STUDS AND STAND OFF BOLTS ARE SUPPLIED WITH NUTS AND WASHERS

REV	DESCRIPTION	DATE	APPVL
ENCLOSURES DIRECT INC.			
CLAMP STYLE WALL MOUNT NEMA 4, 4X			
MODEL NUMBER SERIES N4			



NEMA 4 SINGLE DOOR ENCLOSURE - SERIES N4

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	SIDE	TOP	BOTTOM
12	12	6	N4121206	26	13.25	9.5	10.13	10.13	XX	XX	9	9	7.25	7.25	2	1	1
12	12	8	N4121208	27	13.25	9.5	10.13	10.13	XX	XX	9	9	7.25	7.25	2	1	1
12	12	10	N4121210	28	13.25	9.5	10.13	10.13	XX	XX	9	9	7.25	7.25	2	1	1
12	16	6	N4121606	28	13.25	10	10.13	14.13	XX	XX	9	13	7.25	11.25	2	1	1
12	16	8	N4121608	29	13.25	10	10.13	14.13	XX	XX	9	13	7.25	11.25	2	1	1
12	16	10	N4121610	30	13.25	10	10.13	14.13	XX	XX	9	13	7.25	11.25	2	1	1
12	20	6	N4122006	32	13.25	14	10.13	18.13	XX	XX	9	17	7.25	15.25	2	1	1
12	20	8	N4122008	35	13.25	14	10.13	18.13	XX	XX	9	17	7.25	15.25	2	1	1
12	20	10	N4122010	38	13.25	14	10.13	18.13	XX	XX	9	17	7.25	15.25	2	1	1
12	24	6	N4122406	38	13.25	18	10.13	22.13	XX	XX	9	21	7.25	19.25	2	2	2
12	24	8	N4122408	40	13.25	18	10.13	22.13	XX	XX	9	21	7.25	19.25	2	2	2
12	24	10	N4122410	42	13.25	18	10.13	22.13	XX	XX	9	21	7.25	19.25	2	2	2
16	12	6	N4161206	28	17.25	9.5	14.13	10.13	XX	XX	13	9	11.25	7.25	2	1	1
16	12	8	N4161208	29	17.25	9.5	14.13	10.13	XX	XX	13	9	11.25	7.25	2	1	1
16	12	10	N4161210	30	17.25	9.5	14.13	10.13	XX	XX	13	9	11.25	7.25	2	1	1
16	16	6	N4161606	32	17.25	10	14.13	14.13	XX	XX	13	13	11.25	11.25	2	1	1
16	16	8	N4161608	34	17.25	10	14.13	14.13	XX	XX	13	13	11.25	11.25	2	1	1
16	16	10	N4161610	36	17.25	10	14.13	14.13	XX	XX	13	13	11.25	11.25	2	1	1
16	16	12	N4161612	37	17.25	10	14.13	14.13	XX	XX	13	13	11.25	11.25	2	1	1
16	20	6	N4162006	38	17.25	14	14.13	18.13	XX	XX	13	17	11.25	15.25	2	1	1
16	20	8	N4162008	41	17.25	14	14.13	18.13	XX	XX	13	17	11.25	15.25	2	1	1
16	20	10	N4162010	44	17.25	14	14.13	18.13	XX	XX	13	17	11.25	15.25	2	1	1
16	24	6	N4162406	46	17.25	18	14.13	22.13	XX	XX	13	21	11.25	19.25	2	2	2
16	24	8	N4162408	50	17.25	18	14.13	22.13	XX	XX	13	21	11.25	19.25	2	2	2

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NEMA 4 SINGLE DOOR ENCLOSURE - SERIES N4

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	SIDE	TOP	BOTTOM
16	24	10	N4162410	54	17.25	18	14.13	22.13	XX	XX	13	21	11.25	19.25	2	2	2
16	30	6	N4163006	56	17.25	24	14.13	28.13	XX	XX	13	27	11.25	25.25	2	2	2
16	30	8	N4163008	60	17.25	24	14.13	28.13	XX	XX	13	27	11.25	25.25	2	2	2
16	30	10	N4163010	64	17.25	24	14.13	28.13	XX	XX	13	27	11.25	25.25	2	2	2
16	30	12	N4163012	68	17.25	24	14.13	28.13	XX	XX	13	27	11.25	25.25	2	2	2
20	12	6	N4201206	32	21.25	9.5	18.13	10.13	XX	XX	17	9	15.25	7.25	2	1	1
20	12	8	N4201208	35	21.25	9.5	18.13	10.13	XX	XX	17	9	15.25	7.25	2	1	1
20	12	10	N4201210	38	21.25	9.5	18.13	10.13	XX	XX	17	9	15.25	7.25	2	1	1
20	16	6	N4201606	38	21.25	10	18.13	14.13	XX	XX	17	13	15.25	11.25	2	1	1
20	16	8	N4201608	41	21.25	10	18.13	14.13	XX	XX	17	13	15.25	11.25	2	1	1
20	16	10	N4201610	44	21.25	10	18.13	14.13	XX	XX	17	13	15.25	11.25	2	1	1
20	20	6	N4202006	48	21.25	14	18.13	18.13	XX	XX	17	17	15.25	15.25	2	1	1
20	20	8	N4202008	50	21.25	14	18.13	18.13	XX	XX	17	17	15.25	15.25	2	1	1
20	20	10	N4202010	52	21.25	14	18.13	18.13	XX	XX	17	17	15.25	15.25	2	1	1
20	20	12	N4202012	54	21.25	14	18.13	18.13	XX	XX	17	17	15.25	15.25	2	1	1
20	24	6	N4202406	54	21.25	18	18.13	22.13	XX	XX	17	21	15.25	19.25	2	2	2
20	24	8	N4202408	58	21.25	18	18.13	22.13	XX	XX	17	21	15.25	19.25	2	2	2
20	24	10	N4202410	64	21.25	18	18.13	22.13	XX	XX	17	21	15.25	19.25	2	2	2
20	30	6	N4203006	66	21.25	24	18.13	28.13	XX	XX	17	27	15.25	25.25	2	2	2
20	30	8	N4203008	70	21.25	24	18.13	28.13	XX	XX	17	27	15.25	25.25	2	2	2
20	30	10	N4203010	76	21.25	24	18.13	28.13	XX	XX	17	27	15.25	25.25	2	2	2
20	30	12	N4203012	82	21.25	24	18.13	28.13	XX	XX	17	27	15.25	25.25	2	2	2
20	36	8	N4203608	90	21.25	34	18.13	34.13	XX	XX	17	33	15.25	31.25	2	3	3
20	36	10	N4203610	96	21.25	34	18.13	34.13	XX	XX	17	33	15.25	31.25	2	3	3

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NEMA 4 SINGLE DOOR ENCLOSURE - SERIES N4

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	SIDE	TOP	BOTTOM
20	36	12	N4203612	102	21.25	34	18.13	34.13	XX	XX	17	33	15.25	31.25	2	3	3
20	36	16	N4203616	110	21.25	34	18.13	34.13	XX	XX	17	33	15.25	31.25	2	3	3
24	12	6	N4241206	38	25.25	9.5	22.13	10.13	XX	XX	21	9	19.25	7.25	2	1	1
24	12	8	N4241208	40	25.25	9.5	22.13	10.13	XX	XX	21	9	19.25	7.25	2	1	1
24	12	10	N4241210	42	25.25	9.5	22.13	10.13	XX	XX	21	9	19.25	7.25	2	1	1
24	16	6	N4241606	46	25.25	10	22.13	14.13	XX	XX	21	13	19.25	11.25	2	1	1
24	16	8	N4241608	50	25.25	10	22.13	14.13	XX	XX	21	13	19.25	11.25	2	1	1
24	16	10	N4241610	54	25.25	10	22.13	14.13	XX	XX	21	13	19.25	11.25	2	1	1
24	20	6	N4242006	54	25.25	14	22.13	18.13	XX	XX	21	17	19.25	15.25	2	1	1
24	20	8	N4242008	58	25.25	14	22.13	18.13	XX	XX	21	17	19.25	15.25	2	1	1
24	20	10	N4242010	64	25.25	14	22.13	18.13	XX	XX	21	17	19.25	15.25	2	1	1
24	20	12	N4242012	66	25.25	14	22.13	18.13	XX	XX	21	17	19.25	15.25	2	1	1
24	24	6	N4242406	62	25.25	18	22.13	22.13	XX	XX	21	21	19.25	19.25	2	2	2
24	24	8	N4242408	68	25.25	18	22.13	22.13	XX	XX	21	21	19.25	19.25	2	2	2
24	24	10	N4242410	73	25.25	18	22.13	22.13	XX	XX	21	21	19.25	19.25	2	2	2
24	24	12	N4242412	73	25.25	18	22.13	22.13	XX	XX	21	21	19.25	19.25	2	2	2
24	24	16	N4242416	80	25.25	18	22.13	22.13	XX	XX	21	21	19.25	19.25	2	0	0
24	30	6	N4243006	76	25.25	24	22.13	28.13	XX	XX	21	27	19.25	25.25	2	2	2
24	30	8	N4243008	82	25.25	24	22.13	28.13	XX	XX	21	27	19.25	25.25	2	2	2
24	30	10	N4243010	86	25.25	24	22.13	28.13	XX	XX	21	27	19.25	25.25	2	2	2
24	30	12	N4243012	90	25.25	24	22.13	28.13	XX	XX	21	27	19.25	25.25	2	2	2
24	36	8	N4243608	96	25.25	30	22.13	34.13	XX	XX	21	33	19.25	31.25	2	3	3
24	36	10	N4243610	105	25.25	30	22.13	34.13	XX	XX	21	33	19.25	31.25	2	3	3
24	36	12	N4243612	108	25.25	30	22.13	34.13	XX	XX	21	33	19.25	31.25	2	3	3

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H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	SIDE	TOP	BOTTOM
24	36	16	N4243616	112	25.25	30	22.13	34.13	XX	XX	21	33	19.25	31.25	2	3	3
30	16	6	N4301606	56	31.25	10	28.13	14.13	XX	XX	27	13	25.25	11.25	2	1	1
30	16	8	N4301608	60	31.25	10	28.13	14.13	XX	XX	27	13	25.25	11.25	2	1	1
30	16	10	N4301610	64	31.25	10	28.13	14.13	XX	XX	27	13	25.25	11.25	2	1	1
30	16	12	N4301612	68	31.25	10	28.13	14.13	XX	XX	27	13	25.25	11.25	2	1	1
30	20	6	N4302006	66	31.25	14	28.13	18.13	XX	XX	27	17	25.25	15.25	2	1	1
30	20	8	N4302008	70	31.25	14	28.13	18.13	XX	XX	27	17	25.25	15.25	2	1	1
30	20	10	N4302010	76	31.25	14	28.13	18.13	XX	XX	27	17	25.25	15.25	2	1	1
30	20	12	N4302012	82	31.25	14	28.13	18.13	XX	XX	27	17	25.25	15.25	2	1	1
30	24	6	N4302406	76	31.25	18	28.13	22.13	XX	XX	27	21	25.25	19.25	2	2	2
30	24	6	N4302412	90	31.25	18	28.13	22.13	XX	XX	27	21	25.25	19.25	2	2	2
30	24	8	N4302408	82	31.25	18	28.13	22.13	XX	XX	27	21	25.25	19.25	2	2	2
30	24	10	N4302410	86	31.25	18	28.13	22.13	XX	XX	27	21	25.25	19.25	2	2	2
30	30	8	N4303006	96	31.25	24	28.13	28.13	XX	XX	27	27	25.25	25.25	2	2	2
30	30	10	N4303008	102	31.25	24	28.13	28.13	XX	XX	27	27	25.25	25.25	2	2	2
30	30	12	N4303010	108	31.25	24	28.13	28.13	XX	XX	27	27	25.25	25.25	2	2	2
30	30	16	N4303012	114	31.25	24	28.13	28.13	XX	XX	27	27	25.25	25.25	2	2	2
30	36	8	N4303608	120	31.25	30	28.13	34.13	XX	XX	27	33	25.25	31.25	2	3	3
30	36	10	N4303610	124	31.25	30	28.13	34.13	XX	XX	27	33	25.25	31.25	2	3	3
30	36	12	N4303612	132	31.25	30	28.13	34.13	XX	XX	27	33	25.25	31.25	2	3	3
30	36	16	N4303616	140	31.25	30	28.13	34.13	XX	XX	27	33	25.25	31.25	2	3	3
36	20	8	N4362008	90	37.25	14	34.13	18.13	XX	XX	33	17	31.25	15.25	3	1	1
36	20	10	N4362010	96	37.25	14	34.13	18.13	XX	XX	33	17	31.25	15.25	3	1	1
36	20	12	N4362012	102	37.25	14	34.13	18.13	XX	XX	33	17	31.25	15.25	3	1	1

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36	20	16	N4362016	110	37.25	14	34.13	18.13	XX	XX	33	17	31.25	15.25	3	1	1
36	24	6	N4362406	90	37.25	18	34.13	22.13	XX	XX	33	21	31.25	19.25	3	2	2
36	24	8	N4362408	96	37.25	18	34.13	22.13	XX	XX	33	21	31.25	19.25	3	2	2
36	24	10	N4362410	105	37.25	18	34.13	22.13	XX	XX	33	21	31.25	19.25	3	2	2
36	24	12	N4362412	108	37.25	18	34.13	22.13	XX	XX	33	21	31.25	19.25	3	2	2
36	24	16	N4362416	112	37.25	18	34.13	22.13	XX	XX	33	21	31.25	19.25	3	2	2
36	30	8	N4363008	120	37.25	24	34.13	28.13	XX	XX	33	27	31.25	25.25	3	2	2
36	30	10	N4363010	124	37.25	24	34.13	28.13	XX	XX	33	27	31.25	25.25	3	2	2
36	30	12	N4363012	132	37.25	24	34.13	28.13	XX	XX	33	27	31.25	25.25	3	2	2
36	30	16	N4363016	140	37.25	24	34.13	28.13	XX	XX	33	27	31.25	25.25	3	2	2
36	36	8	N4363608	142	37.25	30	34.13	34.13	XX	XX	33	33	31.25	31.25	3	3	3
36	36	10	N4363610	148	37.25	30	34.13	34.13	XX	XX	33	33	31.25	31.25	3	3	3
36	36	12	N4363612	156	37.25	30	34.13	34.13	XX	XX	33	33	31.25	31.25	3	3	3
36	36	16	N4363616	166	37.25	30	34.13	34.13	XX	XX	33	33	31.25	31.25	3	3	3
42	24	8	N4422408	110	43.25	18	40.13	22.13	36	18	39	21	37.25	19.25	3	2	2
42	24	10	N4422410	116	43.25	18	40.13	22.13	36	18	39	21	37.25	19.25	3	2	2
42	24	12	N4422412	124	43.25	18	40.13	22.13	36	18	39	21	37.25	19.25	3	2	2
42	24	16	N4422416	134	43.25	18	40.13	22.13	36	18	39	21	37.25	19.25	3	2	2
42	30	8	N4423008	132	43.25	24	40.13	28.13	36	24	39	27	37.25	25.25	3	2	2
42	30	10	N4423010	140	43.25	24	40.13	28.13	36	24	39	27	37.25	25.25	3	2	2
42	30	12	N4423012	150	43.25	24	40.13	28.13	36	24	39	27	37.25	25.25	3	2	2
42	30	16	N4423016	162	43.25	24	40.13	28.13	36	24	39	27	37.25	25.25	3	2	2
42	36	8	N4423608	182	43.25	30	40.13	34.13	36	30	39	33	37.25	31.25	3	3	3
42	36	10	N4423610	192	43.25	30	40.13	34.13	36	30	39	33	37.25	31.25	3	3	3

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H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	HE	WE	SIDE	TOP	BOTTOM
42	36	12	N4423612	198	43.25	30	40.13	34.13	36	30	39	33	37.25	31.25	3	3	3
42	36	16	N4423616	214	43.25	30	40.13	34.13	36	30	39	33	37.25	31.25	3	3	3
48	24	8	N4482408	122	49.25	18	46.13	22.13	42	18	45	21	43.25	19.25	3	2	2
48	24	10	N4482410	131	49.25	18	46.13	22.13	42	18	45	21	43.25	19.25	3	2	2
48	24	12	N4482412	143	49.25	18	46.13	22.13	42	18	45	21	43.25	19.25	3	2	2
48	24	16	N4482416	157	49.25	18	46.13	22.13	42	18	45	21	43.25	19.25	3	2	2
48	30	8	N4483008	162	49.25	24	46.13	28.13	42	24	45	27	43.25	25.25	3	2	2
48	30	10	N4483010	173	49.25	24	46.13	28.13	42	24	45	27	43.25	25.25	3	2	2
48	30	12	N4483012	187	49.25	24	46.13	28.13	42	24	45	27	43.25	25.25	3	2	2
48	30	16	N4483016	204	49.25	24	46.13	28.13	42	24	45	27	43.25	25.25	3	2	2
48	36	8	N4483608	201	49.25	30	46.13	34.13	42	30	45	33	43.25	31.25	3	3	3
48	36	10	N4483610	208	49.25	30	46.13	34.13	42	30	45	33	43.25	31.25	3	3	3
48	36	12	N4483612	222	49.25	30	46.13	34.13	42	30	45	33	43.25	31.25	3	3	3
48	36	16	N4483616	238	49.25	30	46.13	34.13	42	30	45	33	43.25	31.25	3	3	3

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