

N1A Series Panel Enclosure NEMA 1



Application

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

Standards

- UL 50 Type 1 on models marked¹
- CSA Type 1
- Complies with**
 - NEMA Type 1
 - IEC 529, IP30

Construction

- Enclosure is formed and spot welded from 14 gauge steel.
- Removable 12 or 14 gauge inner panel is mounted in the rear of the enclosure on collar studs.
- Removable door is mounted on slip hinges.
- Door is fastened with a slotted quarter turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Mounting holes are provided in the rear of the enclosure.

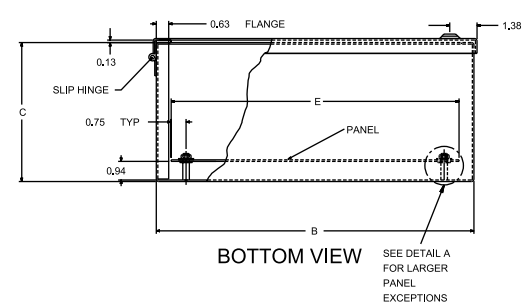
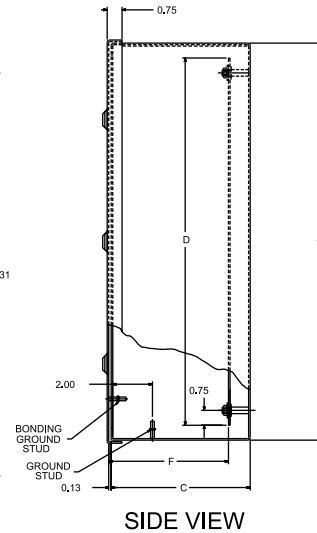
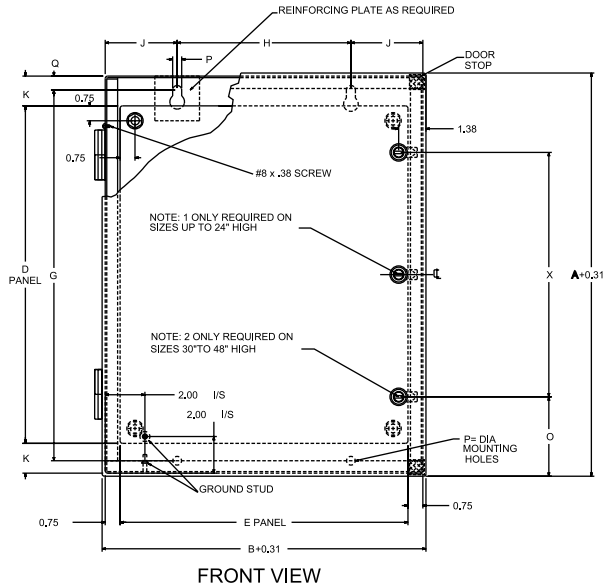
Finish

- Enclosure and door are finished in ANSI/ASA 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional inner panels
...see E4 page 385
- Lock kit for NEMA 1 enclosures (Part No. 1427LKN1)...see E4 page 379
- Louvered ventilating plates
...see E4 page 396
- Window kits...see E4 page 391
- Padlock Adaptor (Part No. EJPA)
...see E4 page 383

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Detail A
Typ. for N1A423012,
N1A423612 and N1A483612

When A=	X=
30	18.00
36	22.00
42	26.00
48	30.00

Part No.	Dimensions			Panel Size		Panel	No. of	Mounting Dimensions				Panel Clearance				Ship
	A	B	C	D	E	Gauge	Studs	G	H	J	Q	P	F	K	O	Wt. lbs
N1A16127 ^{1,2}	16	12	7	13	10.50	14	4	13.88	7.00	2.50	1.06	0.31	6.04	1.5	—	25
N1A16167 ^{1,2}	16	16	7	13	14.50	14	4	13.88	11.00	2.50	1.06	0.31	6.04	1.5	—	30
N1A16207 ^{1,2}	16	20	7	13	18.50	14	4	13.88	15.00	2.50	1.06	0.31	6.04	1.5	—	36
N1A20167 ^{1,2}	20	16	7	17	14.50	14	4	17.88	11.00	2.50	1.06	0.31	6.04	1.5	—	37
N1A20207 ^{1,2}	20	20	7	17	18.50	14	4	17.88	15.00	2.50	1.06	0.31	6.04	1.5	—	43
N1A24167 ^{1,2}	24	16	7	21	14.50	14	4	21.88	11.00	2.50	1.06	0.31	6.04	1.5	—	43
N1A24207 ^{1,2}	24	20	7	21	18.50	14	4	21.88	15.00	2.50	1.06	0.31	6.04	1.5	—	51
N1A24247 ^{1,2}	24	24	7	21	22.50	12	4	21.88	19.00	2.50	1.06	0.31	6.01	1.5	—	67
N1A30207 ^{1,2}	30	20	7	26	18.50	12	6	27.50	12.75	3.63	1.25	0.44	6.01	2.0	6.16	67
N1A30247 ^{1,2}	30	24	7	26	22.50	12	6	27.50	16.75	3.63	1.25	0.44	6.01	2.0	6.16	80
N1A36247 ^{1,2}	36	24	7	32	22.50	12	6	33.50	16.75	3.63	1.25	0.44	6.01	2.0	7.16	94
N1A36307 ²	36	30	7	32	28.50	12	8	33.50	22.75	3.63	1.25	0.44	6.01	2.0	7.16	114
N1A16129 ^{1,2}	16	12	9	13	10.50	14	4	13.88	7.00	2.50	1.06	0.31	8.04	1.5	—	27
N1A20169 ^{1,2}	20	16	9	17	14.50	14	4	17.88	11.00	2.50	1.06	0.31	8.04	1.5	—	31
N1A20209 ^{1,2}	20	20	9	17	18.50	14	4	17.88	15.00	2.50	1.06	0.31	8.04	1.5	—	47
N1A20249 ^{1,2}	20	24	9	17	22.50	14	4	17.88	19.00	2.50	1.06	0.31	8.04	1.5	—	55
N1A24209 ^{1,2}	24	20	9	21	18.50	14	4	21.88	15.00	2.50	1.06	0.31	8.04	1.5	—	55
N1A24249 ^{1,2}	24	24	9	21	22.50	12	4	21.88	19.00	2.50	1.06	0.31	8.01	1.5	—	125
N1A30209 ^{1,2}	30	20	9	26	18.50	12	6	27.50	12.75	3.63	1.25	0.44	8.01	2.0	6.16	72
N1A30249 ^{1,2}	30	24	9	26	22.50	12	6	27.50	16.75	3.63	1.25	0.44	8.01	2.0	6.16	85
N1A30309 ²	30	30	9	26	28.50	12	8	27.50	22.75	3.63	1.25	0.44	8.01	2.0	6.16	102
N1A36249 ^{1,2}	36	24	9	32	22.50	12	6	33.50	16.75	3.63	1.25	0.44	8.01	2.0	7.16	107
N1A36309 ²	36	30	9	32	28.50	12	8	33.50	22.75	3.63	1.25	0.44	8.01	2.0	7.16	120
N1A42249 ^{1,2}	42	24	9	38	22.50	12	6	39.50	16.75	3.63	1.25	0.44	8.01	2.0	8.16	111
N1A242012 ^{1,2}	24	20	12	21	18.50	14	4	21.88	15.00	2.50	1.06	0.31	11.04	1.5	—	61
N1A242412 ^{1,2}	24	24	12	21	22.50	12	4	21.88	19.00	2.50	1.06	0.31	11.01	1.5	—	132
N1A302412 ^{1,2}	30	24	12	26	22.50	12	6	27.50	16.75	3.63	1.25	0.44	11.01	2.0	6.16	94
N1A363012 ²	36	30	12	32	28.50	12	8	33.50	22.75	3.63	1.25	0.44	11.01	2.0	7.16	129
N1A423012	42	30	12	38	28.50	12	8	39.50	22.75	3.63	1.25	0.44	11.01	2.0	8.16	144
N1A423612	42	36	12	38	34.50	12	8	39.50	28.75	3.63	1.25	0.44	11.01	2.0	8.16	169
N1A483612	48	36	12	44	34.50	12	8	45.50	28.75	3.63	1.25	0.44	11.01	2.0	9.16	197

¹ UL 50 Listed Type 1

² Flat Panel