

N1A Series Panel Enclosure

Non-Ventilated - NEMA 1

Commercial Enclosures



Inner
Panel
Included



Application

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

Standards

- UL 50 Type 1
- CSA Type 1
- **Complies with**
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Enclosure is formed and spot welded from 12 or 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.
- Piano hinge on 12 gauge units

Finish

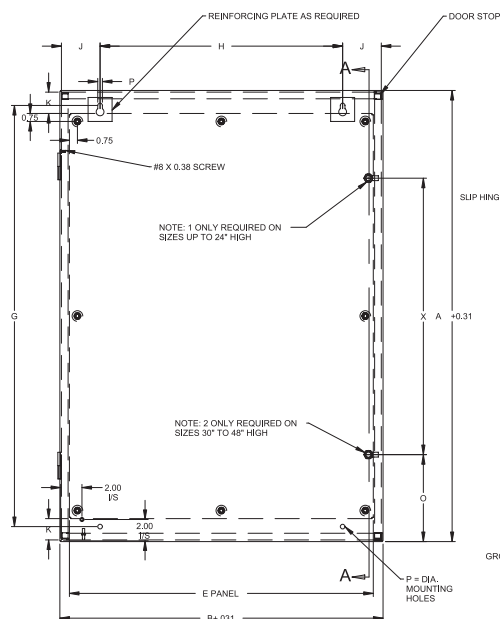
- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

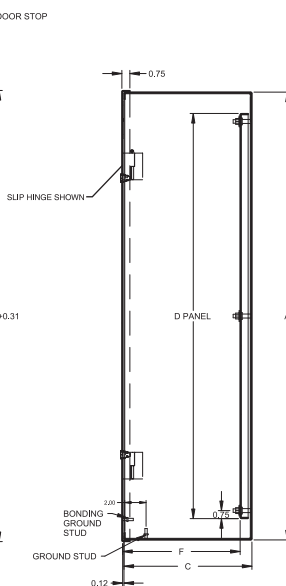
- Additional inner panels...see page **438**
- Lock kit for NEMA 1 enclosures (Part No. **1427LKN1**)...see page **431**
- Louvered ventilating plates
...see page **402**
- Window kits...see page **449**
- Padlock Adaptor...see page **435**

Panel Enclosures

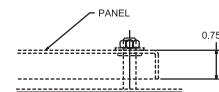
N1A Series Panel Enclosure



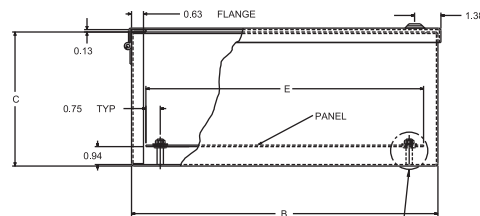
Front View



Side View



Detail A
Typ. for N1A423012,
N1A423612
and N1A483612



Bottom View

SEE DETAIL A
FOR LARGER
PANEL
EXCEPTIONS

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

Part No.	Dimensions			Panel Size		Panel Gauge	No. of Studs	Mounting Dimensions					Panel Clearance			Ship Wt. lbs
	A	B	C	D	E			G	H	J	Q	P	F	K	O	
N1A16127	16	12	7	13	10.50	14	4	13.88	7.00	2.50	1.06	0.31	6.04	1.5	—	25
N1A16167	16	16	7	13	14.50	14	4	13.88	11.00	2.50	1.06	0.31	6.04	1.5	—	30
N1A16207	16	20	7	13	18.50	14	4	13.88	15.00	2.50	1.06	0.31	6.04	1.5	—	36
N1A20167	20	16	7	17	14.50	14	4	17.88	11.00	2.50	1.06	0.31	6.04	1.5	—	37
N1A20207	20	20	7	17	18.50	14	4	17.88	15.00	2.50	1.06	0.31	6.04	1.5	—	43
N1A24167	24	16	7	21	14.50	14	4	21.88	11.00	2.50	1.06	0.31	6.04	1.5	—	43
N1A24207	24	20	7	21	18.50	14	4	21.88	15.00	2.50	1.06	0.31	6.04	1.5	—	51
N1A24247	24	24	7	21	22.50	12	4	21.88	19.00	2.50	1.06	0.31	6.01	1.5	—	67
N1A30207	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	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	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	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	16	12	9	13	10.50	14	4	13.88	7.00	2.50	1.06	0.31	8.04	1.5	—	27
N1A20169	20	16	9	17	14.50	14	4	17.88	11.00	2.50	1.06	0.31	8.04	1.5	—	31
N1A20209	20	20	9	17	18.50	14	4	17.88	15.00	2.50	1.06	0.31	8.04	1.5	—	47
N1A20249	20	24	9	17	22.50	14	4	17.88	19.00	2.50	1.06	0.31	8.04	1.5	—	55
N1A24209	24	20	9	21	18.50	14	4	21.88	15.00	2.50	1.06	0.31	8.04	1.5	—	55
N1A24249	24	24	9	21	22.50	12	4	21.88	19.00	2.50	1.06	0.31	8.01	1.5	—	125
N1A30209	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	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	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	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	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	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	24	20	12	21	18.50	14	4	21.88	15.00	2.50	1.06	0.31	11.04	1.5	—	61
N1A242412	24	24	12	21	22.50	12	4	21.88	19.00	2.50	1.06	0.31	11.01	1.5	—	132
N1A302412	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	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 ¹	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 ¹	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 ¹	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 12 gauge construction

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise