

# 1414 N4 AL Aluminum Series - NEMA 4

## Lift-Off Cover



**Inner  
Panel  
Included**



Corrosion Resistant Junction Boxes

### Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion is a problem.

### Standards

- UL 508 Type 4 and 12
- CSA Type 4 and 12
- **Complies with**
  - NEMA Type 4, 12, and 13
  - IEC 60529, IP66

### Construction

- Formed from 0.08" Type 5052 H-32 aluminum.
- Sizes smaller than 6" x 6" are formed from 0.06" aluminum.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Cover is secured with easily operated aluminum clamps.
- Oil resistant gaskets are permanently secured with oil resistant adhesive.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Tapped studs are provided for mounting inner panels.
- A grounding stud is provided in the enclosure.

### Finish

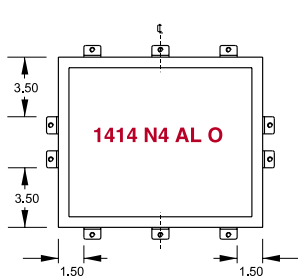
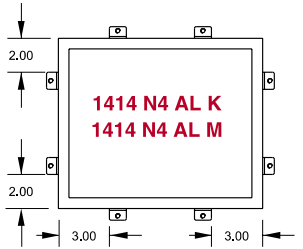
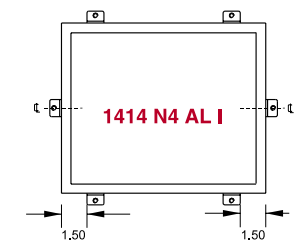
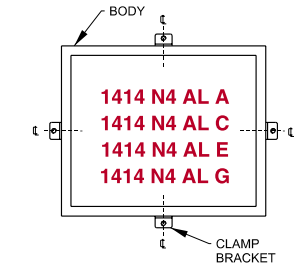
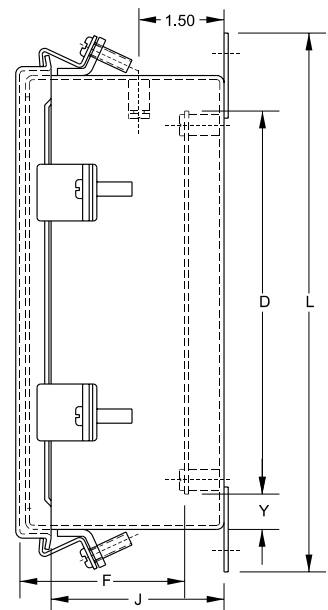
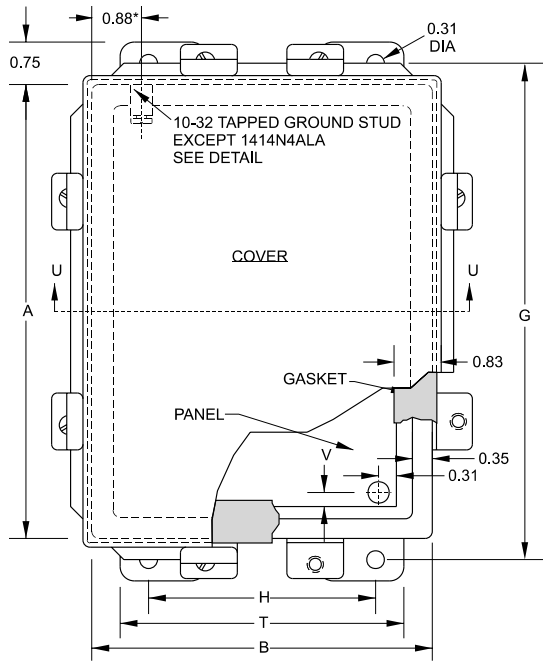
- Cover and enclosure are natural unfinished aluminum.
- Removable inner panel is finished in white powder coating.

### Accessories

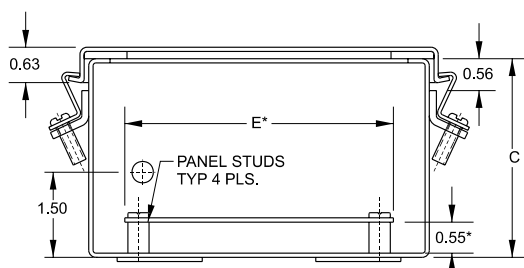
- Additional inner panels  
...see page **433**
- Breather kits...see page **423**
- Door clamping hardware  
...see page **427**
- Heaters...see page **418-420**
- Terminal kit assemblies  
...see page **436**
- Thermostats...see page **421-422**
- Window kits...see page **444**

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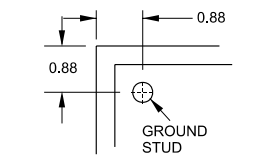
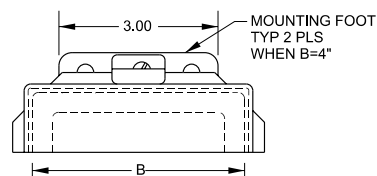
**Corrosion Resistant Junction Boxes**



Number of door clamps varies to enclosure size.



\* Does not apply to 1414N4ALA



Part No.	Panel Dimensions					Centers					Cover Dimensions			Ship Wt.lbs.		
	A	B	C	D	E	F	G	H	J	L	T	V	Y			
1414N4ALA	4	4	3.0	—	—	—	4.75	2	2.6	5.5	4.31	4.31	3	—	—	1
1414N4ALC	6	4	3.0	4.88	2.88	2.5	6.75	2	2.6	7.5	6.31	4.31	3	.31	.56	2
1414N4ALE	6	6	4.0	4.88	4.88	3.5	6.75	4	3.6	7.5	6.31	6.31	5	.31	.56	3
1414N4ALG	8	6	3.5	6.75	4.88	3.0	8.75	4	3.1	9.5	8.31	6.31	5	.25	.63	3
1414N4ALI	10	8	4.0	8.75	6.88	3.5	10.75	6	3.6	11.5	10.31	8.31	7	.25	.63	5
1414N4ALK	12	10	5.0	10.75	8.88	4.5	12.75	8	4.6	13.5	12.31	10.31	9	.25	.63	8
1414N4ALM6	14	12	6.0	12.75	10.88	5.5	14.75	10	5.6	15.5	14.31	12.31	11	.25	.63	10
1414N4ALO6	16	14	6.0	14.75	12.88	5.5	16.75	12	5.6	17.5	16.31	14.31	13	.25	.63	13
1414N4ALM8	14	12	8.0	12.75	10.88	7.5	14.75	10	7.6	15.5	14.31	12.31	11	.25	.63	11
1414N4ALO10	16	14	10.0	14.75	12.88	9.5	16.75	12	9.6	17.5	16.31	14.31	13	.25	.63	15

Technical references and DXF downloads available at [www.hamfmfg.com](http://www.hamfmfg.com)

All dimensions in inches unless specified otherwise

**Quality Enclosures. Service Excellence.**