

Type 4X Aluminum Junction Box 1414 N4 AL Series

Lift-Off Cover with Clamps



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 508A Type 4, 4X, 12 and 13
- CSA Type 4, 4X, 12 and 13
- Complies with
 - NEMA Type 4, 4X, 12 and 13
 - IEC 60529, IP66

Construction

- Formed from 0.08" Type 5052 H-32 aluminum.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Cover is secured with easily operated aluminum clamps.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and 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
 - Door Clamping Hardware
 - Climate Control
- Swing Panel Kit
 - Terminal Kit Assemblies
 - General Accessories

New and improved PDF part drawing files with more detail now available.

Click part number in table below to access PDF, DXF, and STEP files.

| Part No. | Enclosure | | | Panel | |
|----------|-----------|---|---|-------|---|
| | H | W | D | H | W |

| Part No. | Enclosure | | | Panel | |
|-------------|-----------|-------|-------|-------|-------|
| | H | W | D | H | W |
| 1414N4ALA | 4.00 | 4.00 | 3.00 | - | - |
| 1414N4ALC | 6.00 | 4.00 | 3.00 | 4.88 | 2.88 |
| 1414N4ALE | 6.00 | 6.00 | 4.00 | 4.88 | 4.88 |
| 1414N4ALG | 8.00 | 6.00 | 3.50 | 6.75 | 4.88 |
| 1414N4ALI | 10.00 | 8.00 | 4.00 | 8.75 | 6.88 |
| 1414N4ALK | 12.00 | 10.00 | 5.00 | 10.75 | 8.88 |
| 1414N4ALM6 | 14.00 | 12.00 | 6.00 | 12.75 | 10.88 |
| 1414N4ALO6 | 16.00 | 14.00 | 6.00 | 14.75 | 12.88 |
| 1414N4ALM8 | 14.00 | 12.00 | 8.00 | 12.75 | 10.88 |
| 1414N4ALO10 | 16.00 | 14.00 | 10.00 | 14.75 | 12.88 |

Data subject to change without notice

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