



# Aluminum Junction Box

ISO 9001: 2000  
Certified

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## NEMA 7 J-Box with Solid or Glass Lens Cover

### Order Guide

- |  |                |
|--|----------------|
| 4 1/4" Aluminum J-Box w/Glass Lens Cover | 897-850901-01A |
| 4 1/4" Aluminum J-Box w/Solid Cover      | 897-850000-01A |

### Application

Detcon aluminum junction boxes are available with a glass lens or solid cover and are installed in conduit systems within hazardous areas to:

- ▶ Provide protection against exterior explosion where hydrogen & other combustible gases are present
- ▶ Protect conductors in threaded rigid conduit
- ▶ Act as pull and splice boxes
- ▶ Interconnect lengths of conduit
- ▶ Change conduit direction
- ▶ Provide access to conductors for maintenance & future system changes

### Features

- ▶ Copper free aluminum
- ▶ Glass lens or solid cover
- ▶ Taper threaded hubs to provide ground continuity
- ▶ Threaded cover openings
- ▶ Surface covers furnished with boxes
- ▶ Neoprene o-ring gasket and ground screw are both standard
- ▶ Two standard mounting pads
- ▶ Cover threads are M118 x 2 - 66/6g
- ▶ Baked epoxy finish

### Classification

- ▶ Class I, Div I Groups B,C,D
- ▶ Class I, Zone 0 Group IIB + Hydrogen

### Approvals

- ▶ CSA approved to Canadian & UL Requirements
- ▶ ATEX Certified

### Ingress Protection

- ▶ N4X and N7

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Solid Cover



Glass Lens Cover



### Dimensions

