

1414 SC Series Enclosures - NEMA 12, 13

Lift Off, Screw Cover

Industrial Enclosures



**Inner
Panel
Included**



Junction Boxes

Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides a degree of protection from falling dirt, dust, oil and water.

Standards

- UL 508 Type 12 and 13
- CSA Type 12 and 13
- **Complies with**
 - NEMA Type 12 and 13
 - JIC EGP-1-1967 unless marked¹
 - IEC 60529, IP54

Construction

- Body formed from 16 gauge or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Cover is secured with captive, plated steel screws, threaded into sealed wells.
- Oil resistant gaskets are permanently secured.
- Models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld 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

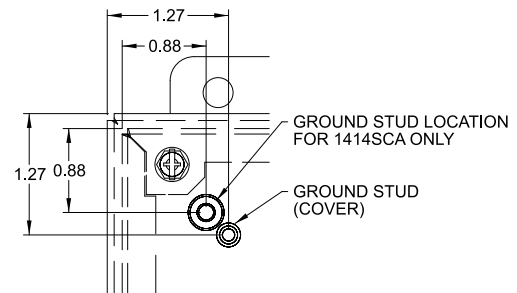
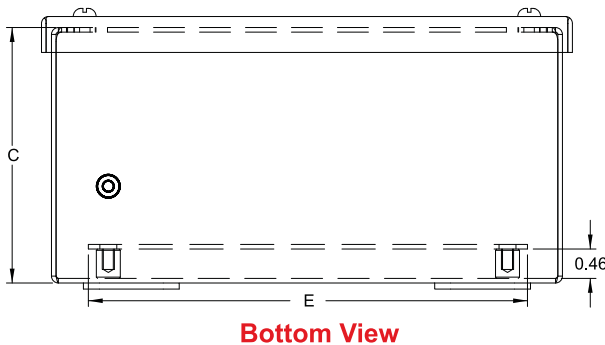
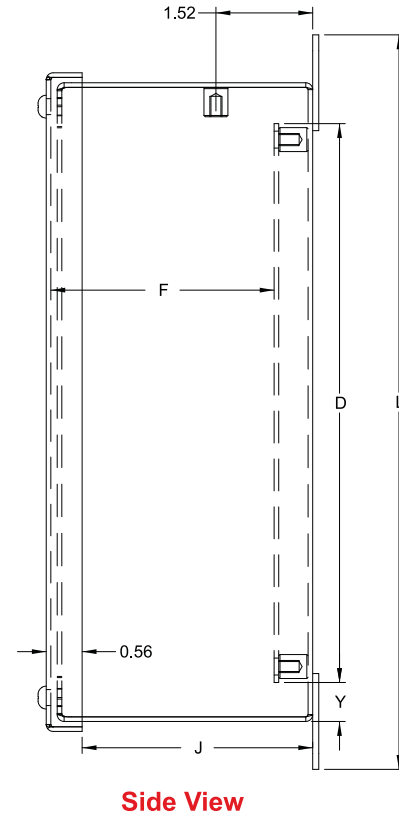
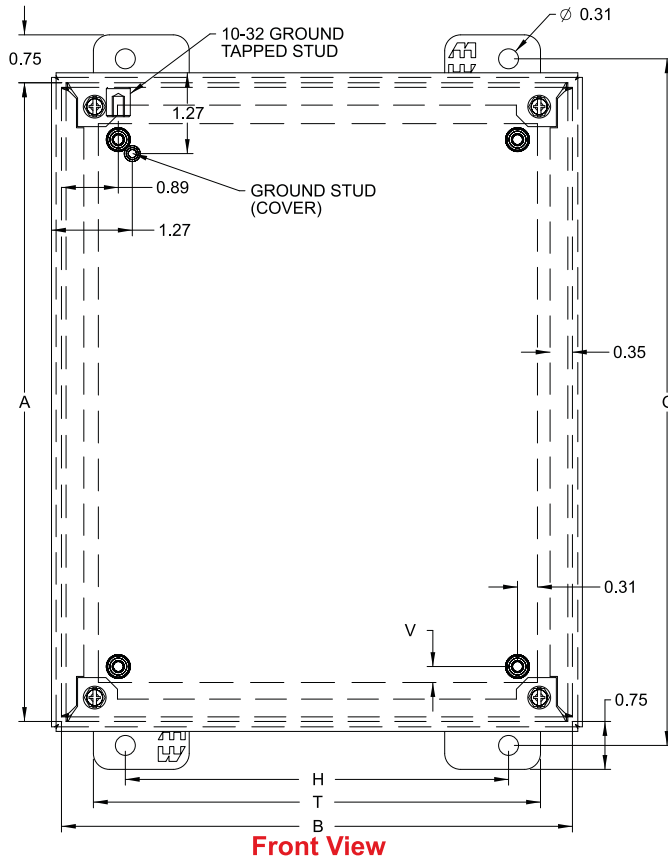
- Cover and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

Accessories

- Additional inner panels...*see page 436*
- Breather kits...*see page 400-401*
- Filter fans...*see page 371-384*
- Heaters...*see page 393-396*
- Louvered ventilating plates
...*see page 402*
- Terminal kit assemblies
...*see page 441*
- Thermostats...*see page 397*
- Swing panel...*see page 440*

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Junction Boxes

| Part No. | Panel Size | | | Centers | | | | | Cover Dimensions | | | | Ship Wt. lbs | | | |
|----------------------|------------|----|------|---------|-------|------|-------|----|------------------|------|----|-------|--------------|------|------|----|
| | A | B | C | D | E | F | G | H | J | L | T | V | | Y | | |
| 1414SCA ¹ | 4 | 4 | 3.0 | — | — | — | 4.75 | 2 | 2.64 | 5.5 | 3 | 4.31 | 4.31 | — | — | 2 |
| 1414SCC ¹ | 6 | 4 | 3.0 | 4.87 | 2.87 | 2.51 | 6.75 | 2 | 2.64 | 7.5 | 3 | 6.31 | 4.31 | 0.31 | 0.56 | 3 |
| 1414SCG | 8 | 6 | 3.5 | 6.75 | 4.87 | 3.01 | 8.75 | 4 | 3.14 | 9.5 | 5 | 8.31 | 6.31 | 0.25 | 0.63 | 6 |
| 1414SCE | 6 | 6 | 4.0 | 4.87 | 4.87 | 3.51 | 6.75 | 4 | 3.64 | 7.5 | 5 | 6.31 | 6.31 | 0.31 | 0.56 | 5 |
| 1414SCI | 10 | 8 | 4.0 | 8.75 | 6.87 | 3.51 | 10.75 | 6 | 3.64 | 11.5 | 7 | 10.31 | 8.31 | 0.25 | 0.63 | 10 |
| 1414SCK | 12 | 10 | 5.0 | 10.75 | 8.87 | 4.51 | 12.75 | 8 | 4.64 | 13.5 | 9 | 12.31 | 10.31 | 0.25 | 0.63 | 14 |
| 1414SCM6 | 14 | 12 | 6.0 | 12.75 | 10.87 | 5.51 | 14.75 | 10 | 5.64 | 15.5 | 11 | 14.31 | 12.31 | 0.25 | 0.63 | 19 |
| 1414SCO6 | 16 | 14 | 6.0 | 14.75 | 12.87 | 5.51 | 16.75 | 12 | 5.64 | 17.5 | 13 | 16.31 | 14.31 | 0.25 | 0.63 | 24 |
| 1414SCM8 | 14 | 12 | 8.0 | 12.75 | 10.87 | 7.51 | 14.75 | 10 | 7.64 | 15.5 | 11 | 14.31 | 12.31 | 0.25 | 0.63 | 22 |
| 1414SCO10 | 16 | 14 | 10.0 | 14.75 | 12.87 | 9.51 | 16.75 | 12 | 9.64 | 17.5 | 13 | 16.31 | 14.31 | 0.25 | 0.63 | 29 |

¹ Does not meet JIC requirements

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

All dimensions in inches unless specified otherwise

Quality Products. Service Excellence.