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## Type 4 Mild Steel Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn



### Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments.
- For use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Impressive styling features make the Eclipse Junior a suitable addition to any high-tech equipment installation.

### Standards

- UL 508A Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

### Construction

- Body and cover are formed from 16 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- 14 gauge welded brackets provide for enclosure mounting.
- Continuously hinged cover has 304 stainless steel hinges and provides 180° opening.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Quarter turn latches formed from black zinc diecast.
- Seamless poured-in place gasket.
- Models larger than 4"x4" include a removable 14 gauge galvanized 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 on the enclosure.
- Grounding and panel mounting hardware provided.

### Finish

- Cover and enclosure are finished with a recoatable powder inside and out with choice of ANSI 61 smooth Gray (GY) or RAL7035 textured light gray (LG).
- Inner panels are unpainted galvanized steel.

### Accessories

- Addition Inner Panels
- Terminal Kit Assemblies
- Quarter Turn Assemblies
- General Accessories
- Swing Panel Kit
- Padlock Adaptor
- Climate Control

**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.<br>(ANSI 61 Gray) | Part No.<br>(RAL 7035 Light Gray) | Enclosure |       |       | Panel |       |
|----------------------------|-----------------------------------|-----------|-------|-------|-------|-------|
|                            |                                   | H         | W     | D     | H     | W     |
| EJ443                      | EJ443LG                           | 4.00      | 4.00  | 3.00  | -     | -     |
| EJ643                      | EJ643LG                           | 6.00      | 4.00  | 3.00  | 4.88  | 2.88  |
| EJ683                      | EJ683LG                           | 6.00      | 8.00  | 3.50  | 4.88  | 6.75  |
| EJ863                      | EJ863LG                           | 8.00      | 6.00  | 3.50  | 6.75  | 4.88  |
| EJ444                      | EJ444LG                           | 4.00      | 4.00  | 4.00  | -     | -     |
| EJ644                      | EJ644LG                           | 6.00      | 4.00  | 4.00  | 4.88  | 2.88  |
| EJ664                      | EJ664LG                           | 6.00      | 6.00  | 4.00  | 4.88  | 4.88  |
| EJ884                      | EJ884LG                           | 8.00      | 8.00  | 4.00  | 6.75  | 6.88  |
| EJ8104                     | EJ8104LG                          | 8.00      | 10.00 | 4.00  | 6.88  | 8.75  |
| EJ1084                     | EJ1084LG                          | 10.00     | 8.00  | 4.00  | 8.75  | 6.88  |
| EJ1264                     | EJ1264LG                          | 12.00     | 6.00  | 4.00  | 10.75 | 4.88  |
| EJ12124                    | EJ12124LG                         | 12.00     | 12.00 | 4.00  | 10.75 | 10.88 |
| EJ10125                    | EJ10125LG                         | 10.00     | 12.00 | 5.00  | 8.88  | 10.75 |
| EJ12105                    | EJ12105LG                         | 12.00     | 10.00 | 5.00  | 10.75 | 8.88  |
| EJ866                      | EJ866LG                           | 8.00      | 6.00  | 6.00  | 6.75  | 4.88  |
| EJ1086                     | EJ1086LG                          | 10.00     | 8.00  | 6.00  | 8.75  | 6.88  |
| EJ10106                    | EJ10106LG                         | 10.00     | 10.00 | 6.00  | 8.75  | 8.88  |
| EJ12126                    | EJ12126LG                         | 12.00     | 12.00 | 6.00  | 10.75 | 10.88 |
| EJ12146                    | EJ12146LG                         | 12.00     | 14.00 | 6.00  | 10.88 | 12.75 |
| EJ1486                     | EJ1486LG                          | 14.00     | 8.00  | 6.00  | 12.75 | 6.88  |
| EJ14126                    | EJ14126LG                         | 14.00     | 12.00 | 6.00  | 12.75 | 10.88 |
| EJ14166                    | EJ14166LG                         | 14.00     | 16.00 | 6.00  | 12.88 | 14.75 |
| EJ16106                    | EJ16106LG                         | 16.00     | 10.00 | 6.00  | 14.75 | 8.88  |
| EJ16146                    | EJ16146LG                         | 16.00     | 14.00 | 6.00  | 14.75 | 12.88 |
| EJ12108                    | EJ12108LG                         | 12.00     | 10.00 | 8.00  | 10.75 | 8.88  |
| EJ14128                    | EJ14128LG                         | 14.00     | 12.00 | 8.00  | 12.75 | 10.88 |
| EJ16148                    | EJ16148LG                         | 16.00     | 14.00 | 8.00  | 14.75 | 12.88 |
| EJ161410                   | EJ161410LG                        | 16.00     | 14.00 | 10.00 | 14.75 | 12.88 |

*Data subject to change without notice*

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