



*Quality Products. Service Excellence.*

## Type 4X Diecast Aluminum Enclosures *R100 Series*

aluNORM - Watertight, Thick Wall

### Key Features:

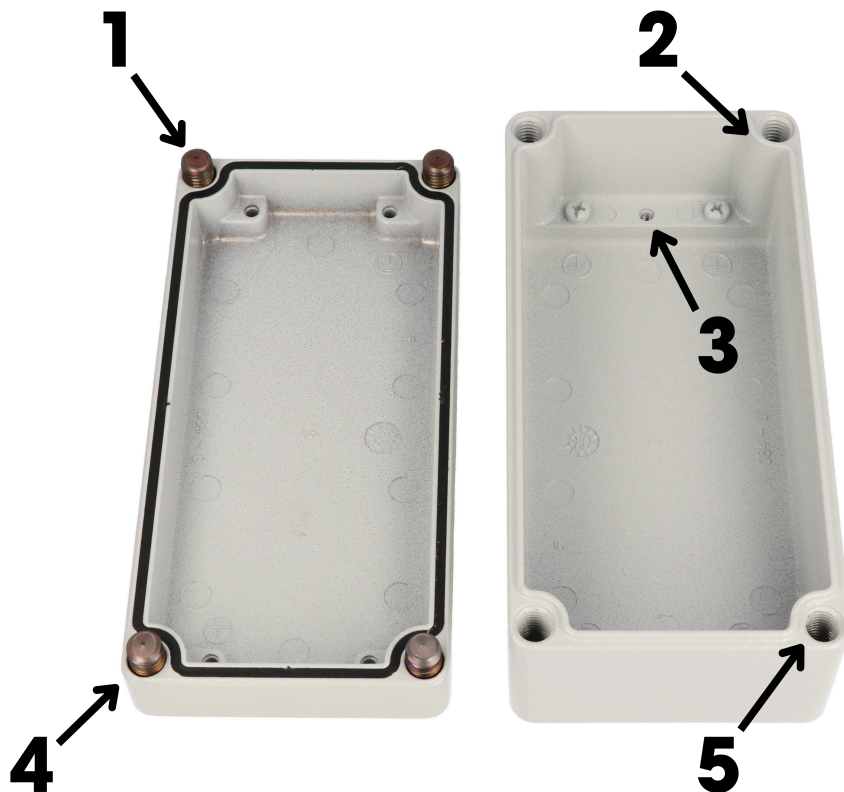
- Material - Aluminum die-cast: G Al SI 12 / DIN 1775
- Captive stainless steel lid screws
- Neoprene oil and petrol resistant gasket standard.
- Rated IP66 and CSA certified, UL Listed Type 4, for use with industrial control equipment
- Operating temperature range is -40°C up to +80°C (-40°F to 176°F)
- Single-channel fastening system.
- Specially developed external mounting feet are made from zinc diecast. Can be turned through 90°. The fastening holes have engagement lugs for this purpose.
- All sizes have inner blind holes.
- Inner mounting panel of galvanized steel available as an accessory for most sizes.
- Textured polyester powder coat is available in beige (RAL7032) or light gray (RAL7035). Enclosures can be supplied unpainted on special order.



Panel  
Sold  
Separately



### Features



1. Lid screws and mounting holes outside of the gasket seal.
2. Space-saving single channel mounting. The same channel is used for enclosure mounting and lid assembly screws.

- 3. Internal mounting shelves placed along both sides of enclosure include blind holes and grounding screws.
- 4. Captive stainless steel lid screws.
- 5. Enclosure holes threaded for easy installation and disassembly.

Patented Single Channel System

- Provides larger interior space than dual channel enclosures.
- Uses the same enclosure hole for mounting the enclosure and fastening the lid.



Accessories (see table below for compatibility)



Shallow Lid, Deep Body (R100 Series)

| Part No (RAL 7032 Beige) | Part No (RAL 7035 Light Gray) | Width (mm) | Length (mm) | Depth With Lid (mm) |
|--------------------------|-------------------------------|------------|-------------|---------------------|
| R100-060-000             | R100-060-035                  | 65         | 50          | 40                  |
| R100-062-000             | R100-062-035                  | 65         | 65          | 40                  |
| R100-064-000             | R100-064-035                  | 65         | 100         | 40                  |
| R100-066-000             | R100-066-035                  | 65         | 150         | 40                  |
| R100-080-000             | R100-080-035                  | 80         | 80          | 60                  |
| R100-082-000             | R100-082-035                  | 80         | 120         | 60                  |
| R100-084-000             | R100-084-035                  | 80         | 160         | 60                  |
| R100-100-000             | R100-100-035                  | 100        | 100         | 80                  |
| R100-102-000             | R100-102-035                  | 100        | 150         | 80                  |
| R100-104-000             | R100-104-035                  | 100        | 200         | 80                  |
| R100-120-000             | R100-120-035                  | 120        | 120         | 100                 |
| R100-122-000             | R100-122-035                  | 120        | 180         | 100                 |
| R100-124-000             | R100-124-035                  | 120        | 240         | 100                 |
| R100-160-000             | R100-160-035                  | 160        | 160         | 100                 |
| R100-162-000             | R100-162-035                  | 160        | 240         | 100                 |
| R100-164-000             | R100-164-035                  | 160        | 320         | 100                 |
| R100-166-000             | R100-166-035                  | 160        | 480         | 100                 |
| R100-200-000             | R100-200-035                  | 200        | 200         | 120                 |
| R100-202-000             | R100-202-035                  | 200        | 300         | 120                 |
| R100-204-000             | R100-204-035                  | 200        | 400         | 120                 |
| R100-240-000             | R100-240-035                  | 240        | 240         | 120                 |
| R100-242-000             | R100-242-035                  | 240        | 360         | 120                 |
| R100-244-000             | R100-244-035                  | 240        | 480         | 120                 |
| R100-320-000             | R100-320-035                  | 320        | 320         | 120                 |

| Part No (RAL 7032 Beige) | Part No (RAL 7035 Light Gray) | Width (mm) | Length (mm) | Depth With Lid (mm) |
|--------------------------|-------------------------------|------------|-------------|---------------------|
| R100-322-000             | R100-322-035                  | 320        | 480         | 120                 |
| R100-324-000             | R100-324-035                  | 320        | 640         | 120                 |

### Deep Lid, Shallow Body (R101 Series)

| Part No.                  | Width (mm) | Length (mm) | Depth With Lid (mm) |
|---------------------------|------------|-------------|---------------------|
| R101-080-000 <sup>1</sup> | 80         | 80          | 60                  |
| R101-082-000 <sup>1</sup> | 80         | 120         | 60                  |
| R101-084-000 <sup>1</sup> | 80         | 160         | 60                  |
| R101-100-000 <sup>1</sup> | 100        | 100         | 80                  |
| R101-102-000 <sup>1</sup> | 100        | 150         | 80                  |
| R101-104-000 <sup>1</sup> | 100        | 200         | 80                  |
| R101-120-000 <sup>1</sup> | 120        | 120         | 100                 |
| R101-122-000 <sup>1</sup> | 120        | 180         | 100                 |
| R101-124-000 <sup>1</sup> | 120        | 240         | 100                 |
| R101-160-000 <sup>1</sup> | 160        | 160         | 100                 |
| R101-162-000 <sup>1</sup> | 160        | 240         | 100                 |
| R101-164-000 <sup>1</sup> | 160        | 320         | 100                 |
| R101-166-000 <sup>1</sup> | 160        | 480         | 100                 |
| R101-200-000 <sup>1</sup> | 200        | 200         | 120                 |
| R101-202-000 <sup>1</sup> | 200        | 300         | 120                 |
| R101-204-000 <sup>1</sup> | 200        | 400         | 120                 |
| R101-240-000 <sup>1</sup> | 240        | 240         | 120                 |
| R101-242-000 <sup>1</sup> | 240        | 360         | 120                 |
| R101-244-000 <sup>1</sup> | 240        | 480         | 120                 |
| R101-320-000 <sup>1</sup> | 320        | 320         | 120                 |
| R101-322-000 <sup>1</sup> | 320        | 480         | 120                 |
| R101-324-000 <sup>1</sup> | 320        | 640         | 120                 |

<sup>1</sup> R101 series enclosures are not stocking items. Please contact Hammond's sales team for more information.

### Matching Lid & Body (R102 Series)

| Part No.                  | Width (mm) | Length (mm) | Depth With Lid (mm) |
|---------------------------|------------|-------------|---------------------|
| R102-080-000 <sup>1</sup> | 80         | 80          | 40                  |
| R102-082-000 <sup>1</sup> | 80         | 120         | 40                  |
| R102-084-000 <sup>1</sup> | 80         | 160         | 40                  |
| R102-100-000 <sup>1</sup> | 100        | 100         | 54                  |
| R102-102-000 <sup>1</sup> | 100        | 150         | 54                  |
| R102-104-000 <sup>1</sup> | 100        | 200         | 54                  |
| R102-120-000 <sup>1</sup> | 120        | 120         | 66                  |
| R102-122-000 <sup>1</sup> | 120        | 180         | 66                  |
| R102-124-000 <sup>1</sup> | 120        | 240         | 66                  |
| R102-160-000 <sup>1</sup> | 160        | 160         | 66                  |
| R102-162-000 <sup>1</sup> | 160        | 240         | 66                  |
| R102-164-000 <sup>1</sup> | 160        | 320         | 66                  |
| R102-166-000 <sup>1</sup> | 160        | 480         | 66                  |
| R102-200-000 <sup>1</sup> | 200        | 200         | 80                  |
| R102-202-000 <sup>1</sup> | 200        | 300         | 80                  |
| R102-204-000 <sup>1</sup> | 200        | 400         | 80                  |
| R102-240-000 <sup>1</sup> | 240        | 240         | 80                  |
| R102-242-000 <sup>1</sup> | 240        | 360         | 80                  |
| R102-244-000 <sup>1</sup> | 240        | 480         | 80                  |
| R102-320-000 <sup>1</sup> | 320        | 320         | 80                  |
| R102-322-000 <sup>1</sup> | 320        | 480         | 80                  |
| R102-324-000 <sup>1</sup> | 320        | 640         | 80                  |

<sup>1</sup> R102 series enclosures are not stocking items. Please contact Hammond's sales team for more information.

aluNORM Accessories

| For Use With<br>Enclosure Types | External Feet<br>(Set of 2 or 4)<br>Part No. | Inner Panel 2mm,<br>Galvanized Steel<br>Part No. | Hinge<br>(Set of 2)<br>Part No. |
|---------------------------------|----------------------------------------------|--------------------------------------------------|---------------------------------|
| R100, R101 & R102-060           | N/A                                          | N/A                                              | N/A                             |
| R100, R101 & R102-062           | N/A                                          | R507-062-000                                     | N/A                             |
| R100, R101 & R102-064           | N/A                                          | R507-064-000                                     | N/A                             |
| R100, R101 & R102-066           | N/A                                          | R507-066-000                                     | N/A                             |
| R100, R101 & R102-080           | R501-002-080                                 | R507-080-000                                     | N/A                             |
| R100, R101 & R102-082           | R501-002-080                                 | R507-082-000                                     | N/A                             |
| R100, R101 & R102-084           | R501-002-080                                 | R507-084-000                                     | N/A                             |
| R100, R101 & R102-100           | R501-002-100                                 | R507-100-000                                     | N/A                             |
| R100, R101 & R102-102           | R501-002-100                                 | R507-102-000                                     | R510-000-000                    |
| R100, R101 & R102-104           | R501-002-100                                 | R507-104-000                                     | R510-000-000                    |
| R100, R101 & R102-120           | R501-000-011                                 | R507-120-000                                     | R510-000-000                    |
| R100, R101 & R102-122           | R501-000-011                                 | R507-122-000                                     | R510-000-000                    |
| R100, R101 & R102-124           | R501-000-011                                 | R507-124-000                                     | R510-000-000                    |
| R100, R101 & R102-160           | R501-000-012                                 | R507-160-000                                     | R510-000-000                    |
| R100, R101 & R102-162           | R501-000-012                                 | R507-162-000                                     | R510-000-000                    |
| R100, R101 & R102-164           | R501-000-012                                 | R507-164-000                                     | R510-000-000                    |
| R100, R101 & R102-166           | R501-000-012                                 | R507-166-000                                     | R510-000-000                    |
| R100, R101 & R102-200           | N/A                                          | R507-200-000                                     | R510-000-000                    |
| R100, R101 & R102-202           | N/A                                          | R507-202-000                                     | R510-000-000                    |
| R100, R101 & R102-204           | N/A                                          | R507-204-000                                     | R510-000-000                    |
| R100, R101 & R102-240           | N/A                                          | R507-240-000                                     | R510-000-000                    |
| R100, R101 & R102-242           | N/A                                          | R507-242-000                                     | R510-000-000                    |
| R100, R101 & R102-244           | N/A                                          | R507-244-000                                     | R510-000-000                    |
| R100, R101 & R102-320           | N/A                                          | R507-320-000                                     | R510-000-000                    |
| R100, R101 & R102-322           | N/A                                          | R507-322-000                                     | R510-000-000                    |
| R100, R101 & R102-324           | N/A                                          | R507-324-000                                     | R510-000-000                    |

Tags: NEMA, diecast, aluminum, thick-wall, Rolec, inner panel, alunorm

Data subject to change without notice

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