

## **aluDOOR**

THE NEW, PREMIUM ENCLOSURE GENERATION, INCLUDING DOOR

**IP 66, IP 67, IP68 (1.2 m; 2 h), IP 69K**

### **The key product features:**

- Enclosure material: diecast aluminium
- Enclosure surface: powder coating, RAL 7016
- 100° opening angle
- Structurally integrated lid hinges
- Integrated recess in lid for membrane keypad or front plate
- Stainless steel lid screws and threaded inserts
- Enclosure lid without or with recess for fitting a membrane keypad or product label
- Clip-on design covers
- Enclosure seal: PUR
- Honoured with the German Innovation Award 2023

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aluDOOR enclosures are a further development of the unique series aluCASE. This enclosure has an unmistakable progressive design. They are the modern, contemporary »packaging« for innovative industrial electronics.

The integration of true hinges without additional expenditure has been implemented successfully in the new series. After the »mounting« of the lid and the fixation with the securing screws, they turn into »compact cabinets« with stainless steel screws and stainless steel threaded bushings. Even under extreme operating conditions, this arrangement ensures an absolutely safe and permanent closure technology.

aluDOOR enclosures are available either with recesses in the lid for the installation of membrane keypads (ADF) or with a flat lid (ADO).

Finally, the installation level of the enclosures is covered by design covers made of aluminium (finished in matt silver), providing an unparalleled design. All enclosures have domes in bottom sections and lids for the secure fastening of installations.

### **Enclosure sizes**

10 - with 2 lid variants: ADF = Series with recess in the lid and ADO = Series with flat lid

### **Further information**

Integrated hinge function on side D with 2 securing screws (A2, self-forming)

Captive lid secured with two screws

Fastening with closed enclosure

Clip-on design covers, coated silver matt

Opening angle of the lid max. 100°

### **Enclosure**

Die cast aluminium alloy

EN AC-44300 DIN EN 1706

(GD Al Si 12/DIN 1725)

1° mould slope for casting ejection > Internal circumference dimensions decrease by 1° towards enclosure base

### **Fastening**

Separate screw channels

### **Internal mountings**

Fastening domes with M5 thread on the enclosure bottom and in the lid

### **Ingress protection**

IP 66, IP 67, IP 68 (1.2 m; 2 h) / EN 60529, IP 69K / ISO 20563

### **Gasket**

Foamed, polyurethane (PUR)

Optional: Silicone seal

Optional: EMC gasket

### **Surface**

Powder coating, RAL 7016

Design covers, silver matt powder coating

Optional: Special colours

Optional: Corrosion protection

### **Lid screws**

Stainless steel 1.4567, M5 with TX25, captive

### **Lid fastening thread**

Casting sleeves, stainless steel A2







### **Hinge**

Securing screws M5 self-forming for hinge attachment

### **ROLEC Service**

Utilise our [full service offer for installation-ready enclosures](#)

| Photo   | No.         | Type    | Length L | Width W | Height H | Gasket H       | Optional available  |
|---|-------------|---------|----------|---------|----------|----------------|---|
|    | 133.090.000 | ADF 090 | 120      | 90      | 70       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|    | 133.092.000 | ADF 092 | 160      | 90      | 70       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|    | 133.110.000 | ADF 110 | 140      | 110     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|    | 133.112.000 | ADF 112 | 200      | 110     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|    | 133.130.000 | ADF 130 | 160      | 130     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|    | 133.132.000 | ADF 132 | 220      | 130     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 133.150.000 | ADF 150 | 180      | 150     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 133.152.000 | ADF 152 | 260      | 150     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 133.170.000 | ADF 170 | 200      | 170     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 133.172.000 | ADF 172 | 280      | 170     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.090.000 | ADO 090 | 120      | 90      | 70       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.092.000 | ADO 092 | 160      | 90      | 70       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.110.000 | ADO 110 | 140      | 110     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.112.000 | ADO 112 | 200      | 110     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |

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|  | 134.132.000 | ADO 132 | 220      | 130     | 80       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.150.000 | ADO 150 | 180      | 150     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.152.000 | ADO 152 | 260      | 150     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.170.000 | ADO 170 | 200      | 170     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |
|  | 134.172.000 | ADO 172 | 280      | 170     | 90       | Silicon-gasket | <ul style="list-style-type: none"> <li>- Corrosion proof coating</li> <li>- EMC-Shielding</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> </ul> |