

<sup>\*</sup> Please note: Enclosure with draft angles, dimensions in the amount of the bottom!

Enclosure material	EN-AC-AI Si 12 (DIN 1725)	
Lid screws	1.4567, M5, Tx25,captive	
Assembly screws	5x M5x8, Tx25, V2A	
Design covers	Powder coating, silver mat	
Gasket	Dosed, PUR	



Ingress protection	IP66/67 EN 60529, IP69K ISO 20653
Weight	710 g
Coating	Powder coating RAL 7016, anthracite grey mat
Tolerance	DIN EN ISO 8062-3:2008-09 DCTG4 (outside dimensions ±0,5mm)





## 134.092.000 aluDOOR ADO 092



Product overview	
Material	Aluminium
Protection Class	IP 66/EN 60529, IP 69K, IP 67/EN 60529, IP 68 (1,2m; 2h)
Color	RAL 7016
Length (L)	160 mm
Width (W)	90 mm
Height (H)	70 mm
Weight (g)	710 g



#### 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 AI 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

# **Full-Service-Products**

Customization according to your wishes.





Everything begins with individual advice. We'll be pleased to support you with your project and find solutions for every requirement. Customer-specific solutions are our speciality.



Test our products with your internal mounting. We'll be pleased to send you a sample enclosure for inspection with no strings attached.



We'll manufacture every enclosure for you according to your exact specifications - whether they involve precise drilling or large tolerance.



Thanks to our modern CNC production, we can quickly and efficiently mill custom-fit cut-outs and contours to match your exact specifications.



Our services also include engraving your logo and other elements, which we can of course perform in any colour you desire.



We can process stainless steel enclosures and plates quickly and reliably according to your individual requirements thanks to our in-house lasering centre.



We can powder coat enclosures, command enclosures and suspension systems in any RAL colour you desire. Custom colours are of course also possible.



We can also paint all our enclosures in any RAL colour you desire. The application of primer and special colour structures are possible, as well.



If desired, we can apply your logo and lettering or other markings using serigraph printing.



Digital printing is particularly worthwhile for low-volume orders and for realising complex parterns or images.



We offer our conFORM low-price standard EMC enclosure to protect your internal mounting against electromagnetic radiation. On request, we can also supply an EMC-compliant version of any other ROLEC enclosure.



We are able to offer the right made-tomeasure display for all our enclosures - in varying sizes and degrees of robustness depending on the application.



ROLEC's portfolio also includes matching front plates, mounting plate, supporting rails and terminal blocks as well as a range of cable glands, blanking plugs etc.



Would you like to have all your components supplied already assembled?
No problem. Our assembly team will be pleased to perform all assembly work on your behalf.

If you have any requirements for services not listed here, please ask us. Customer-specific solutions are our speciality. We also are keen to take on unusual tasks.

We will help you with those challenges that many others

Our Service

would give up on.