

**134.150.000**  
**aluDOOR ADO 150**



**technical data**

Material	Aluminum
Protection class	IP 66/EN 60529, IP 67/EN 60529, IP 69K
Colour	RAL 7016 RAL 7016
Length	7.087"   180 mm
Width	5.906"   150 mm
Height	3.543"   90 mm
Weight (g)	1190 g
Country of manufacture	Germany
Customs tariff number	76169910

## **aluDOOR** THE NEW GENERATION OF ENCLOSURE

### **IP 66, 67, 69K**

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

- Enclosure material: Die-cast aluminium
- Enclosure surface: powder coating, RAL 7016
- Structurally integrated lid hinges
- Integrated recess in lid for membrane keypad or front plate
- Enclosure lid without or with recess for fitting a membrane keypad or product label
- Clip-on design covers
- Stainless steel lid screws and threaded inserts
- Ingress protection IP 66/IP 67/IP 69K
- Enclosure seal: PUR

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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 coated silver matt, 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, 67 / 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



<https://www.rolec-usa.com/en>

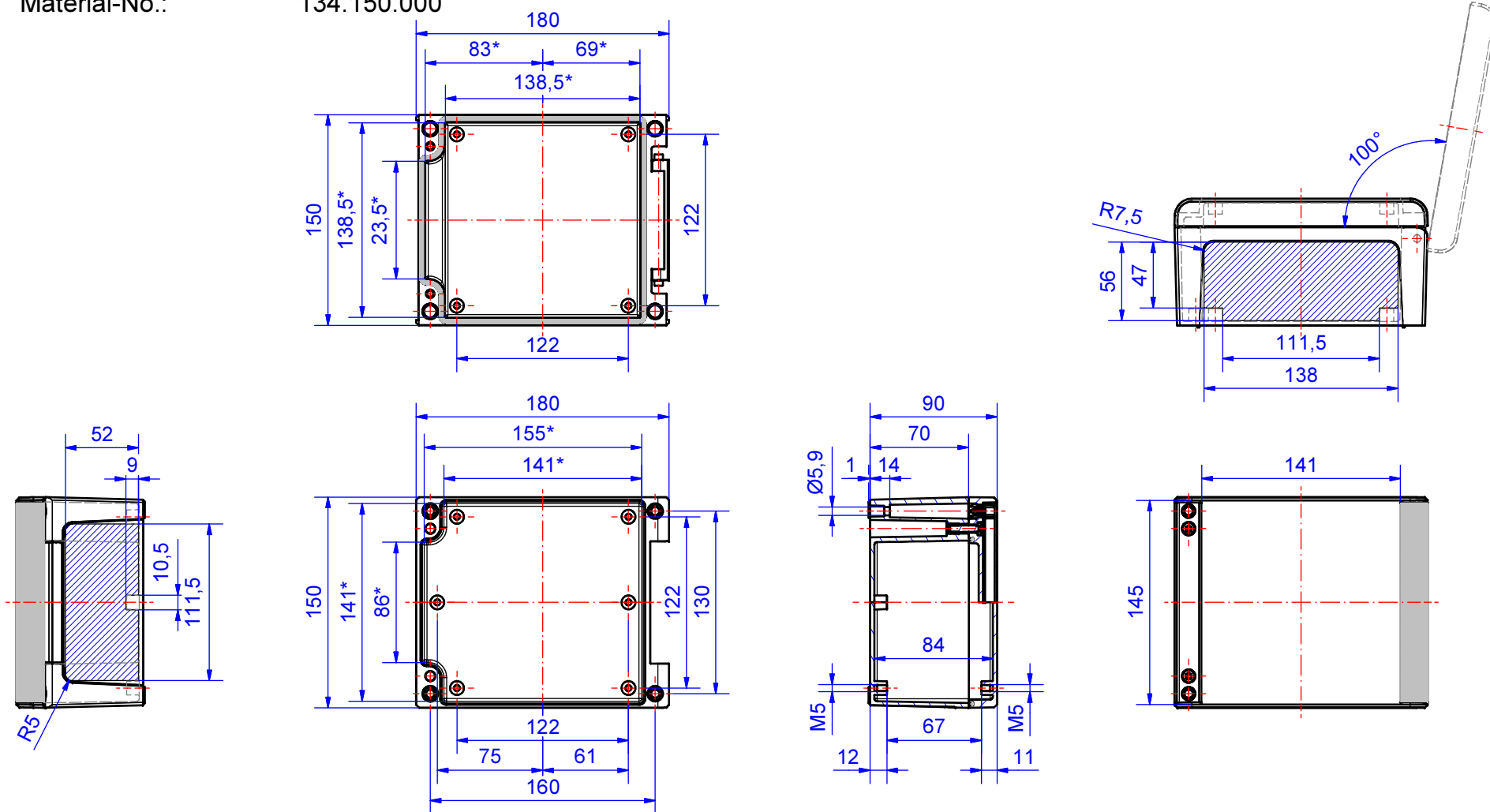


Our *passion* is enclosures.

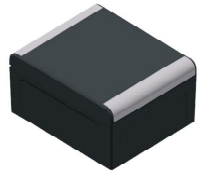
# Enclosure series aluDOOR

Type: ADO 150

Material-No.: 134.150.000



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

Enclosure material	EN-AC-AI Si 12 (DIN 1725)		Ingress protection	IP66/67 EN 60529, IP69K ISO 20653
Lid screws	1.4567, M5, Tx25,captive		Weight	1.190 g
Assembly screws	5x M5x8, Tx25, V2A		Coating	Powder coating RAL 7016, anthracite grey mat
Design covers	Powder coating, silver mat		Tolerance	DIN EN ISO 8062-3:2008-09 DCTG4 (outside dimensions ±0,5mm)
Gasket	Dosed, PUR			