Enclosure series aluCASE
Type:
AC 250
Material-No.: 191.250.100


Folie/ Keypad
$241.4{ }_{-0.2}^{+0} \times 239.4{ }_{-0.2}^{+0}$

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

| Enclosure material | GD-Al Si 12 (DIN 1725) | Gasket | Dosed, PUR |
| :---: | :---: | :---: | :---: |
| Lid screws | 4x stainless steel 1.4567 (V2A), captive | Ingress protection | IP66 EN 60529 |
| Assembly screws | 5 M Mx8, galvanized steel | Weight | 2.631 g |
| Design covers | 2 x Aluminium, silver anodized | Coating | Powder coating RAL 7040, window grey |
| Lid supports | 2x Polypropylene (PP), window grey | Tolerance | GTA 13/5 DIN 1688-4 (outside dimensions $\pm 0,5 \mathrm{~mm}$ ) |



## Product overview

| Material | Aluminium |
| :--- | :--- |
| Protection Class | IP 66/EN 60529 |
| Color | RAL 7040 |
| Certifications | CSA (optional), Germanischer Lloyd (optional), UL (optional), GOST |
| Length (L) | 280 mm |
| Width (W) | 250 mm |
| Height $(\mathrm{H})$ | 120 mm |
| Weight $(\mathrm{g})$ | 2643 g |

## aluCASE

THE PREMIUM ENCLOSURE FOR ELECTRONICS \& DEVICES

## IP 66, IP 67 - Optional: IP 69K

## The key product features:

- Enclosure material: diecast aluminium
- Enclosure surface: powder coating, RAL 7040
- Integrated lid support
- Transparent lid for the sizes AC 092K and ACF 110K
- Enclosure can be mounted even when the lid is fitted
- Integrated recess in lid for membrane keypad or front plate
- Clip-on design covers
- Lid screws in stainless steel 1.4567
- Enclosure seal: TPE moulded gasket, PUR
aluCASE is a highly attractive and very versatile range of diecast aluminium enclosures for industrial electronics. The design is perfect for mounting to a wall or a machine, or for use as a mobile instrument. The enclosures are sealed to IP 67 for indoor and outdoor applications. Hot jet wash IP 69K is also available. The enclosures can be mounted without opening the lid which means your electronics remain protected at all times. Whatever the application, aluCASE provides the very best housing solution for your components.

Designer features include a recessed lid, for fitting a membrane keypad, front plate or product label, clip-on design covers in plastic or aluminium that hide the lid screws and mounting holes, integrated hinges and lid retaining straps (on most models). Two versions are available with transparent lids.
Threaded screw bosses are provided in the base and lid for PCBs, mounting plates, DIN rails etc. Cable glands and other accessories are also available.

We can supply aluCASE enclosures fully customised to your requirements.

## Enclosure sizes

29

## Additional info

Can be fastened while enclosure is closed
Integrated recess in the lid for a membrane keypad, front plate or label
Integrated PP (polypropylene) lid support strap
2 sizes available with transparent lids
Clip-on design covers, standard: Plastic POM (polyoxymethylene), similar to RAL 7040 window grey
Optional: Anodised aluminium design covers
Optional: Exterior hinges made from anodised aluminium with no visible outer screws

## Enclosure

Diecast aluminium alloy
EN AN-44300 DIN EN 1706
(GD AI Si 12/DIN 1725)
$1^{\circ}$ mould slope for casting ejection > internal circumference dimensions decrease by $1^{\circ}$ towards enclosure bottom.

## Fastening

Separate screw channels

## Internal mounting

M5 fastening thread on the enclosure base and in the lid

## Ingress protection

IP 66, IP 67 / EN 60529
Optional: IP 69K / DIN 40050

## Gasket

TPE moulded gasket, silicone-free
Optional: Silicone gasket

## Lid screws

Stainless steel 1.4567, captive

## Surface

Powder coating RAL 7040, window grey
Optional: Special colours
Optional: Corrosion protection

## Customising

Learn more about our full customising service 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.


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


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


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


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


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


Digital printing is pa rticularly worthwhile for low-volume order sand for realising complex pa tterns or images.


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.


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


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


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.

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 would give up on.

Our Service


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


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.


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

