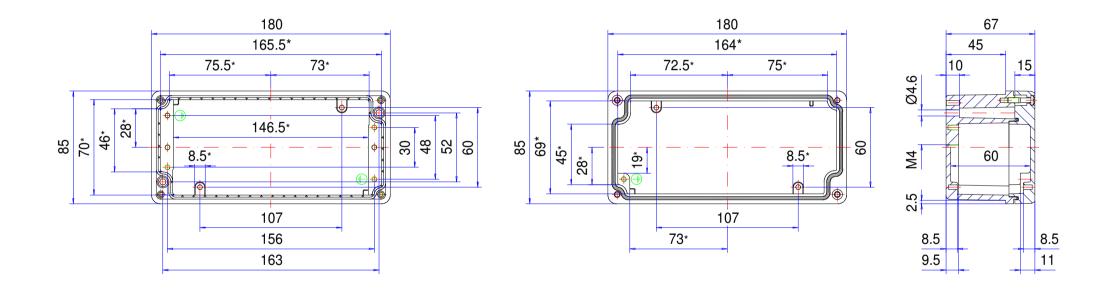
Enclosure series conFORM

Type: EK 083

Material-No.: 110.083.000





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

Enclosure material	GD-Al Si 12 (DIN 1725)	Weight	666 g
Lid screws	4x stainless steel 1.4567 (V2A), captive	Earthing screws	5x M4x6, galvanized steel
Gasket	1x TPE moulded gasket, silicone-free, black	Coating	Powder coating RAL 7032, pebble grey
Ingress protection	IP66 EN 60529	Tolerance	GTA 13/5 DIN 1688-4 (outside dimensions ±0,5mm)



110.083.000 conFORM EK 083



Product overview			
Material	Aluminium		
Protection Class	IP 66/EN 60529, IP 67/EN 60529		
Color	RAL 7032		
Certifications	CSA (optional), Germanischer Lloyd (optional), GOST		
Length (L)	180 mm		
Width (W)	85 mm		
Height (H)	67 mm		
Weight (g)	666 g		



conFORM

THE EMC STANDARD ENCLOSURE

IP 66, Optional: IP 67

The key product features:

- Enclosure material: diecast aluminium
- Enclosure surface: powder coating, RAL 7032
- High inner collar
- Tooth system in the bottom section for continuous contact
- Sizes compatible with standard enclosures available on the market, therefore easy to exchange
- Lid screws in stainless steel 1.4567
- · Enclosure seal: TPE moulded gasket

conFORM is a highly versatile and economic range of EMC shielded aluminium enclosures with in-built shielding. The design does not require expensive and delicate conductive gaskets – continuous contact is created by means of a patented tooth system which is pre-cast into the lid and base.

The conFORM range is ideal for industrial electronics and controls that require special levels of shielding. The enclosures are water-tight and weather resistant to IP 66. Threaded screw bosses are provided inside for fitting circuit boards, mounting plates, terminal rails etc. Accessories such as mounting plates and cable glands are also available.

We can supply conFORM enclosures fully customised to your requirements.

Enclosure sizes

14

Additional info

High shielding from radiation interference (EMC tested by the University of Hanover) Inexpensive, as there is no need for expensive conductive gaskets Large range of accessories

Enclosure

Diecast aluminium alloy: EN AN-44300 DIN EN 1706 (GD AI Si 12/DIN 1725)

1° mould slope for casting ejection > internal circumference dimensions decrease by 1° towards enclosure bottom.

Fastening

Separate screw channels outside of the enclosure interior Console panel integration with installation kit



Internal mounting

M4/M6 fastening thread on the enclosure base and attachment options in the lid

Ingress protection

IP 66 / EN 60529

Optional: IP 67 / EN 60529

Gasket

TPE moulded gasket, silicone-free

Optional: Silicone gasket

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating RAL 7032, pebble 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.



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.