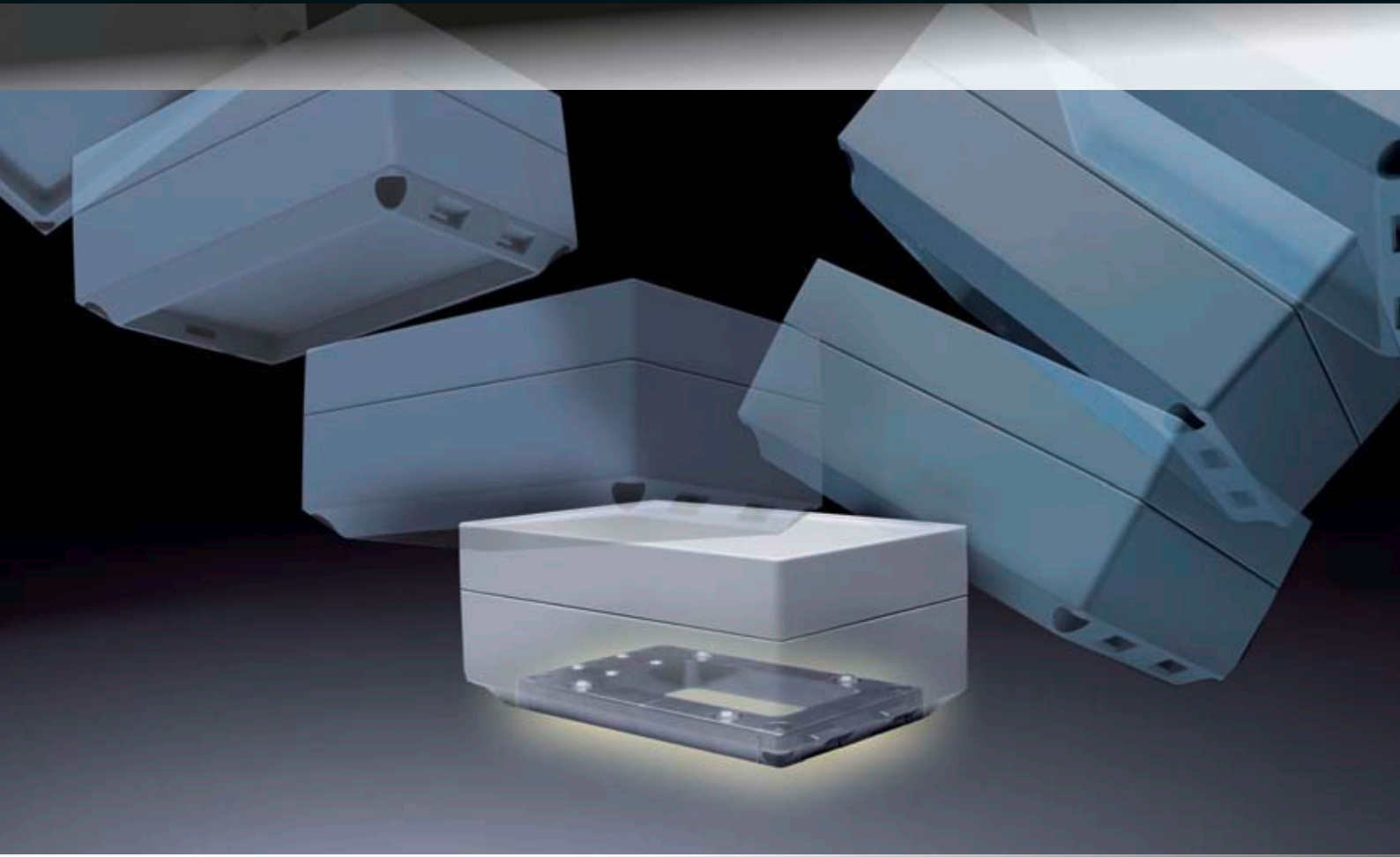


# aluCLIC



Aluminium Enclosures  
with snap-on device



Replacing enclosures in a flash is just a "click" away

# aluCLIC

# The requirements from industry for aluminium enclosures:

- Installation and replacement "in a flash"
- No need to disassemble the enclosure when exchanging it
- To protect electronics no need to open the enclosure
- Gaskets should remain untouched during installation of enclosure

Until now, there have only been fixed solutions:



## Replacing conventional enclosures

Loosen 4 lid screws and 4 enclosure mounting screws and tighten them again

There are 16 screwing procedures

## Replacing ROLEC aluCASE enclosures

Loosen 4 enclosure mounting screws and tighten them again

There are 8 screwing procedures



# The solution from ROLEC is **aluCLIC**, Aluminium Enclosures with snap-on device

- The snap-on device is attached to the surface with 4 screws
- Locate enclosure on the snap-on device and click it into place
- Lid fixing screws are hidden on the underside of the base
- Electronics and gaskets in the unopened enclosure remain protected

Now a flexible solution is available from ROLEC

## Step 1

The snap-on device, moulded in robust POM plastic, is mounted with 4 screws



## Step 2

Locate the enclosure on the snap-on device -  
Click it into place -

**That's it!**

**Replace an enclosure in seconds**



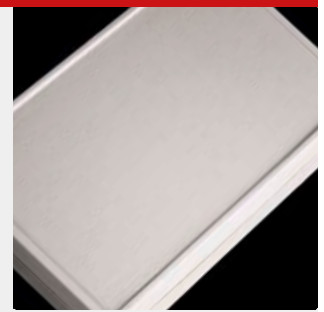
Snap-on device with proven spring loaded latch



A recess on the bottom of the enclosure locates the snap-on device (invisible from the front)



The lid fastening screws are located on the backside of the base - an important design advantage



The whole of the front can be used for mounting keypads, switches, displays etc.



The market demands for enclosures are continuously increasing; excellent quality and high IP ratings are now basic features.

Focused on the market developments, we have always presented outstanding solutions.

However, we do not just rest. Our "passion for enclosures" drives us on to find ever new ideas. With the new **aluCLIC** enclosures, we have found a totally new way to fasten enclosures.

Industrial plugs, which have been proven a million times, gave us the idea to make enclosures which also can be "plugged in".

These can be exchanged in seconds - an invaluable benefit.

# Industrial aluminium enclosures with snap-on device

## Advantages:

- Clicking instead of screwing
- Replacement within seconds
- More space for the electronics
- The complete front of the enclosure can be used
- The lid is screwed from the bottom
- Ingress protection IP 67 - IP 69K on request

## Sizes:

ACL 092	90 x 130 x 70 mm
ACL 112	110 x 160 x 70 mm
ACL 132	130 x 200 x 70 mm



## Technical Data

### Enclosures

Die-cast aluminium: EN AC-44300 DIN EN 1706 (GD Al Si 12/DIN 1725).

1° mould slope for casting ejection → Internal measures diminishing circulatory towards enclosure bottom by 1°.

### Backside lid-screws

Stainless steel 1.4567, captive

### Snap-on device

Plastic POM, colour similar RAL 9005

### Integrated recess

1,5 mm recess in the lid for membrane keypads and front panels.

Membrane dimensions for standard powder coated enclosures.

### Ingress protection

IP 67 / EN 60529

On request IP 69K / DIN 40050

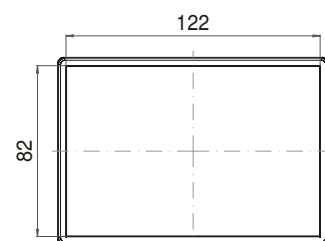
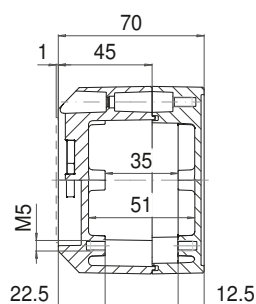
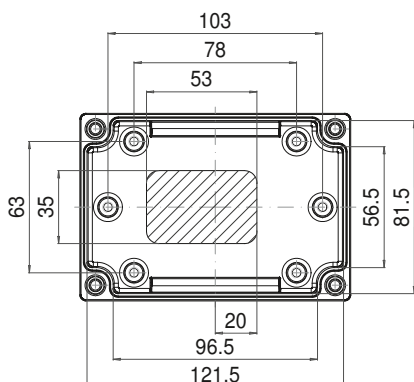
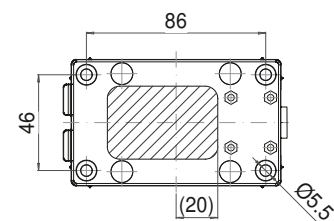
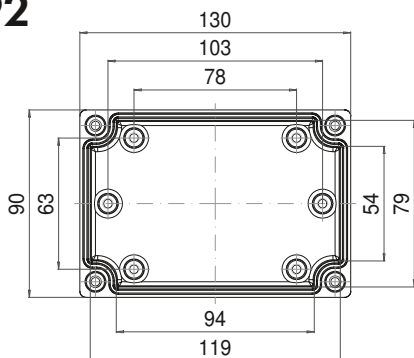
### Gasket

TPE gasket, silicone-free temperature range -40°C up to +120°C.

### Surface

Powder coating, light grey RAL 7035 - special colours on request.

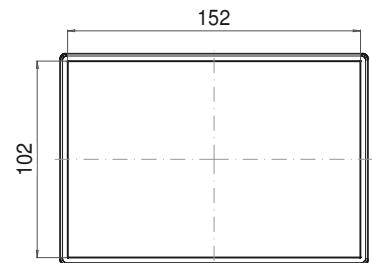
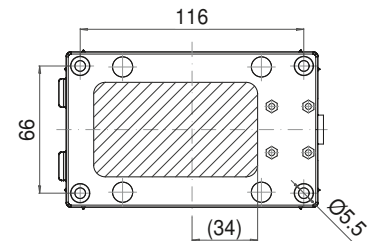
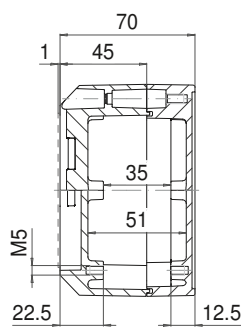
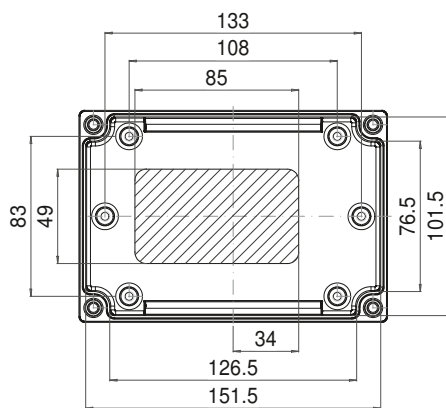
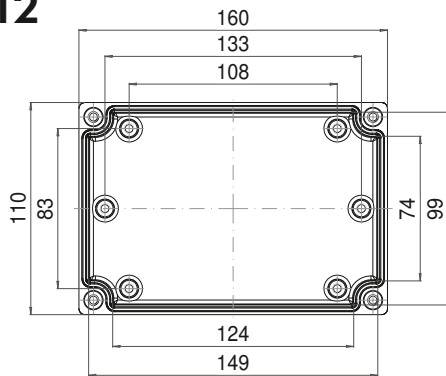
## ACL 092



Folie/ Keypad  
121,5<sup>+0</sup>/<sub>-0.2</sub> x 81,5<sup>+0</sup>/<sub>-0.2</sub>

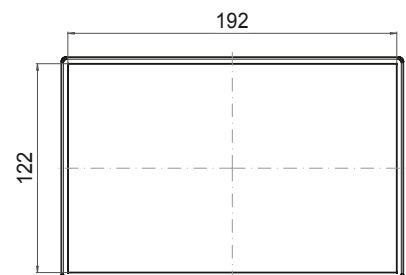
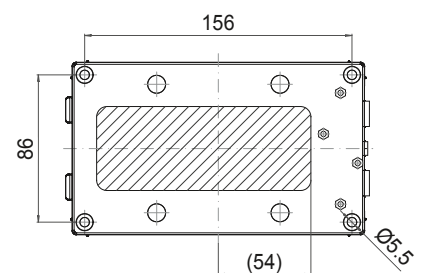
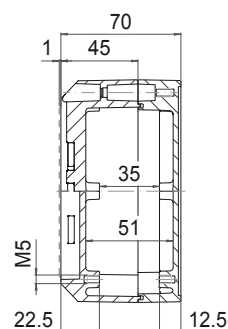
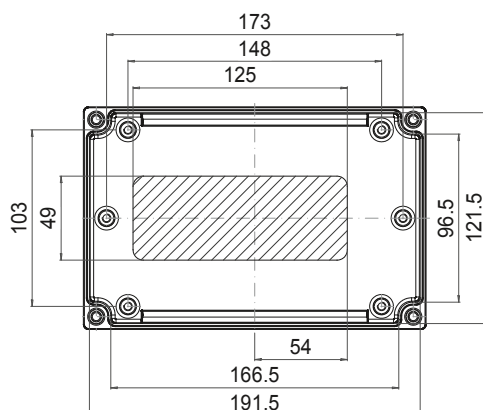
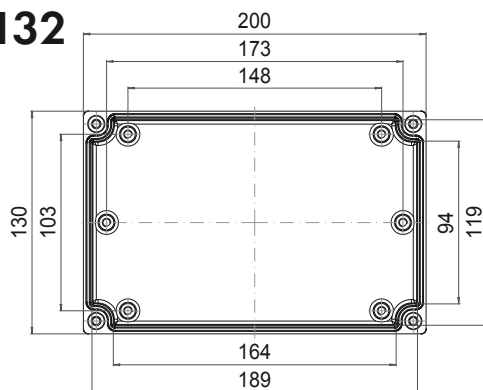
# Industrial aluminium enclosures with snap-on device

## ACL 112



Folie/ Keypad  
151,5<sup>+0</sup><sub>-0.2</sub> x 101,5<sup>-0</sup><sub>-0.2</sub>

## ACL 132



Folie/ Keypad  
121,5<sup>+0</sup><sub>-0.2</sub> x 191,5<sup>-0</sup><sub>-0.2</sub>



# Individual adaptation

We can carry out cost effective modifications to suit your individual design requirements.

We are fully equipped to realise any modifications thanks to our CNC milling machines and modern paint line. We deliver "just in time".



Drilling  
Milling  
Powder coating  
Lacquering  
Engraving  
Silk-screen printing  
Fitting  
Assembling  
Packaging



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