

## aluPLUS

### THE PLUS SIDE OF TECHNOLOGY AND DESIGN

#### IP 66, Optional: IP 67

##### The key product features:

- Enclosure material: diecast aluminium
- Enclosure surface: powder coating, RAL 7035
- Clip-on designcovers. RAL 7016
- The enclosure can be mounted even when the lid is fitted
- Integrated recess to accommodate a membrane keypad or front plate
- Compatible with standard enclosures available on the market, therefore easy to exchange
- Lid screws in stainless steel 1.4567
- Enclosure seal: Silicone moulded gasket

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aluPLUS is a versatile and highly attractive range of diecast aluminum enclosures designed for modern industrial electronics. The range is available in eight industry standard sizes and rated to IP 66 and IP 67. The enclosures can be mounted on a wall or machine, or used as portable instruments.

Design features include a recessed lid, for fitting a membrane keypad or product label, clip-on plastic design covers which hide the lid fixing and mounting screws, and lid retaining straps which keep the lid in place when open. The enclosures can be mounted without opening the lid which means your electronics remain protected at all times. Threaded screw bosses are provided in the base and lid for fitting PCBs, mounting plates, terminal rails etc. An extensive range of accessories and matching cable glands is also available.

We can supply aluPLUS enclosures fully customized to your requirements.

#### Enclosure sizes

8

#### Additional info

Fastening with closed enclosures

Integrated recess in the lid for membrane keypad or front plates

Optional: Lid supports with integrated stainless steel (V2A) lid screw and plastic (PA6) lid retaining strap.

Clip-on design covers, plastic PBT (polybutylene terephthalate), similar to RAL 7016 anthracite gray

#### Enclosure

Diecast aluminum alloy

EN AN-44300 DIN EN 1706

(GD Al Si 12/DIN 1725)

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

#### Fastening

Separate screw channels

### **Internal mounting**

M5 fastening thread on the enclosure base and in the lid

### **Ingress protection**

IP 66 / EN 60529

Optional: IP 67 / EN 60529

### **Gasket**

Silicone molded gasket

Optional: Chloroprene O-ring gasket (CR)

### **Lid screws**

Stainless steel 1.4567, captive

### **Surface**









Powder coating RAL 7035, light gray

Optional: Special colors

Optional: Corrosion protection

### **Customizing**

Learn more about our [full customizing service for installation-ready enclosures](#)

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	196.082.000	AP 082	125	84	59		<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> <li>- Protection Class IP 66</li> </ul>
	196.083.000	AP 083	175	84	59		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> </ul>
	196.100.000	AP 100	100	100	82		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> </ul>
	196.102.000	AP 102	160	100	82		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> </ul>
	196.120.000	AP 120	122	120	82		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	196.122.000	AP 122	220	120	82		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	196.161.000	AP 161	160	160	90		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	196.162.000	AP 162	260	160	90		<ul style="list-style-type: none"> <li>- Protection Class IP 67</li> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- EMC-Shielding</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>