

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

aluPLUS is a versatile and highly attractive range of diecast aluminium 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 customised 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 grey

Enclosure

Diecast aluminium alloy

EN AN-44300 DIN EN 1706

(GD Al Si 12/DIN 1725)

1° mould 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 moulded gasket

Optional: Chloroprene O-ring gasket (CR)

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating RAL 7035, light grey

Optional: Special colours

Optional: Corrosion protection

Customising

Learn more about our [full customising 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">- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Corrosion proof coating- Protection Class IP 66 |
| | 196.083.000 | AP 083 | 175 | 84 | 59 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Corrosion proof coating |
| | 196.100.000 | AP 100 | 100 | 100 | 82 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Corrosion proof coating |
| | 196.102.000 | AP 102 | 160 | 100 | 82 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Corrosion proof coating |
| | 196.120.000 | AP 120 | 122 | 120 | 82 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Lid holders- Corrosion proof coating |
| | 196.122.000 | AP 122 | 220 | 120 | 82 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Lid holders- Corrosion proof coating |
| | 196.161.000 | AP 161 | 160 | 160 | 90 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Lid holders- Corrosion proof coating |
| | 196.162.000 | AP 162 | 260 | 160 | 90 | | <ul style="list-style-type: none">- Protection Class IP 67- Supporting rail for series terminals- Mounting plates- EMC-Shielding- Lid holders- Corrosion proof coating |