

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 molded gasket

conFORM is a highly versatile and economic range of RFI/EMI shielded aluminum 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 customized to your requirements.

Enclosure sizes

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Additional info

High shielding from radiation interference (RFI/EMI tested by the University of Hanover)

Inexpensive, as there is no need for expensive conductive gaskets

Large range of accessories

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 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 molded gasket, silicone-free

Optional: Silicone gasket

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating RAL 7032, pebble gray

Optional: Special colors









Optional: Corrosion protection







Customizing

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

Documents/downloads

Here you'll find all of the [technical information and certificates relating to conFORM](#)

| Photo | No. | Type | Length L | Width W | Height H | Gasket H | Optional available |
|---|-------------|---------|----------|---------|----------|----------------|---|
|  | 110.081.000 | EK 081 | 79 | 84 | 67 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 110.082.000 | EK 082 | 130 | 85 | 67 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 110.083.000 | EK 083 | 180 | 85 | 67 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 110.121.000 | EK 121 | 127 | 125 | 90 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 110.123.000 | EK 123 | 226 | 126 | 90 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 110.161.000 | EK 161 | 166 | 166 | 100 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 110.162.000 | EK 162 | 268 | 168 | 100 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Lid holders - Corrosion proof coating |
|  | 111.081.000 | EKF 081 | 79 | 84 | 44 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Corrosion proof coating |

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|  | 111.121.000 | EKF 121 | 127 | 125 | 60 | Silicon-gasket | <ul style="list-style-type: none"> - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Installation kit - External mounting brackets - Hinges - Corrosion proof coating |
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