## 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

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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 Al 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

| Photo | No. | Type | Length L | Width W | Height H | Gasket H | Optional available |
|---|---|---|---|---|---|---|---|
| | 110.081.000 | EK 081 | 79 | 84 | 67 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 110.082.000 | EK 082 | 130 | 85 | 67 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 110.083.000 | EK 083 | 180 | 85 | 67 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 110.121.000 | EK 121 | 127 | 125 | 90 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 110.123.000 | EK 123 | 226 | 126 | 90 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 110.161.000 | EK 161 | 166 | 166 | 100 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 110.162.000 | EK 162 | 268 | 168 | 100 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Lid holders<br>- Corrosion proof coating |
| | 111.081.000 | EKF 081 | 79 | 84 | 44 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |

| Photo | No. | Type | Length L | Width W | Height H | Gasket H | Optional available |
|-------|-----|------|----------|---------|----------|----------|--------------------|
| | 111.082.000 | EKF 082 | 130 | 85 | 44 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |
| | 111.083.000 | EKF 083 | 180 | 85 | 44 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |
| | 111.121.000 | EKF 121 | 127 | 125 | 60 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |
| | 111.123.000 | EKF 123 | 226 | 126 | 60 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |
| | 111.161.000 | EKF 161 | 166 | 166 | 60 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |
| | 111.162.000 | EKF 162 | 268 | 168 | 60 | Silicon-gasket | - Supporting rail for series terminals<br>- Protection Class IP 67<br>- Mounting plates<br>- Installation kit<br>- External mounting brackets<br>- Hinges<br>- Corrosion proof coating |