

## **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

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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**

14

#### **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"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	110.082.000	EK 082	130	85	67	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	110.083.000	EK 083	180	85	67	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	110.121.000	EK 121	127	125	90	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	110.123.000	EK 123	226	126	90	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	110.161.000	EK 161	166	166	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	110.162.000	EK 162	268	168	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Lid holders</li> <li>- Corrosion proof coating</li> </ul>
	111.081.000	EKF 081	79	84	44	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Protection Class IP 67</li> <li>- Mounting plates</li> <li>- Installation kit</li> <li>- External mounting brackets</li> <li>- Hinges</li> <li>- Corrosion proof coating</li> </ul>

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