

## **conTROL**

### THE EMC OPERATING 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
- Cover with high protective collar
- 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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conTROL is a robust and versatile range of EMC shielded aluminium enclosures which is ideal for machine control equipment. The enclosures feature in-built shielding that does not require expensive and delicate conductive gaskets. Continuous contact is created by means of a patented tooth system pre-cast into the lid and base.

Standard features include a deep recessed lid which is designed to protect buttons and control switches. 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 conTROL enclosures fully customised to your requirements.

#### **Enclosure sizes**

4

#### **Additional info**

High shielding from radiation interference (EMC tested by the University of Hanover)

Collar protects command and information buttons

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 fastening thread in lateral bars on the enclosure base and optional fastening on the lid

### **Ingress protection**

IP 66 / EN 60529

Optional: IP 67 / NEMA 4

### **Gasket**

TPE moulded gasket, silicone-free

Optional: Silicone gasket

### **Lid screws**

Stainless steel 1.4567, captive

### **Surface**





Powder coating RAL 7032, silky 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
	310.082.000	EKT 082	130	85	78	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>
	310.083.000	EKT 083	180	85	78	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>
	311.082.000	EKTF 082	130	85	55	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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