



control

IP 66, Optional: IP 67

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 sizes

Dimensions: L x W x H

129.8 x 84.8 x 55mm to 179.8 x 84.8 x 78mm

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, temperature resistance: -40°C to +120°C

Optional: Silicone gasket, temperature resistance: -50°C to +140°C

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

Sizes / Options

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	310.082.000	conTROL EKT 082	129.8	84.8	78	IP 66/EN 60529, IP 67/EN 60529	Shielding	Supporting rail for series terminals, Protection Class IP 67, Mounting plates, Installation kit, External mounting brackets, Silicon-gasket, Hinges, Lid holders, Corrosion proof coating
	310.083.000	conTROL EKT 083	179.8	84.8	78	IP 66/EN 60529, IP 67/EN 60529	Shielding	Supporting rail for series terminals, Protection Class IP 67, Mounting plates, Installation kit, External mounting brackets, Silicon-gasket, Hinges, Lid holders, Corrosion proof coating
	311.082.000	conTROL EKTF 082	129.8	84.8	55	IP 66/EN 60529, IP 67/EN 60529	Shielding	Supporting rail for series terminals, Protection Class IP 67, Mounting plates, Installation kit, External mounting brackets, Silicon-gasket, Hinges, Corrosion proof coating
	311.083.000	conTROL EKTF 083	179.5	84.8	55	IP 66/EN 60529, IP 67/EN 60529	Shielding	Supporting rail for series terminals, Protection Class IP 67, Mounting plates, Installation kit, External mounting brackets, Silicon-gasket, Hinges, Corrosion proof coating