



conFORM

IP 66, Optional: IP 67

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 sizes

Dimensions: L x W x H

79 x 84 x 44 mm to 268 x 168 x 100 mm

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, 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, pebble 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
	110.081.000	conFORM EK 081	79	84	67	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
	110.082.000	conFORM EK 082	130	85	67	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
	110.083.000	conFORM EK 083	180	85	67	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
	110.121.000	conFORM EK 121	127	125	90	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
	110.123.000	conFORM EK 123	226	126	90	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
	110.161.000	conFORM EK 161	166	166	100	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
	110.162.000	conFORM EK 162	268	168	100	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
	111.081.000	conFORM EKF 081	79	84	44	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

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	111.083.000	conFORM EKF 083	180	85	44	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
	111.121.000	conFORM EKF 121	127	125	60	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
	111.123.000	conFORM EKF 123	226	126	60	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
	111.161.000	conFORM EKF 161	166	166	60	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
	111.162.000	conFORM EKF 162	268	168	60	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