



handCASE

IP 66, Optional: IP 67

handCASE is a stylish and highly robust range of handheld enclosures in diecast aluminium. Thanks to their ergonomic design these enclosures sit very comfortably in the hand. The high strength of handCASE provides solid protection for internal electronics and components under the most extreme conditions.

The enclosures are tested to IP 66 protection class and are available with or without battery compartments for 1.5V AA and 9V cells. Threaded screw bosses are provided inside for fitting circuit boards, mounting plates etc. Cable glands and other accessories are also available.

We can supply handCASE enclosures fully customised to your requirements.

Enclosure sizes

4 versions, 2 lid variants

Dimensions L x W x H

80 x 180 x 42.4 mm to 100 x 220 x 62.4 mm

Additional info

Integrated recess in the lid for membrane keypad or front plates

Ergonomic design for non-fatiguing work

Alternative lid design for all enclosure sizes

Optional: Battery compartment made from ABS for 2 versions

Enclosure

Die-cast 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

Optional: Holding clip (e.g. for strap)

Optional: Wall bracket for clip fastening

Optional: Carrying strap with protector

Internal mounting

M3 fastening thread on the enclosure base and in the lid

Ingress protection

IP 66 / EN 60529

Optional: IP 67 / EN

Free-fall DIN EN 60068-2-32

Gasket

TPE moulded gasket, silicone-free, temperature resistance: -40°C to +120°C

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating

Lid: Silver metallic





Bottom: RAL 9005, deep black

Optional: Special colours





Customising

Learn more about our full customising service for installation-ready enclosures

Version S Sizes

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	270.080.000	handCASE HCF 080	180	80	42.4	IP 66/EN 60529, IP 67/EN 60529		Battery compartment
	270.081.000	handCASE HCF 081	180	80	42.4	IP 66/EN 60529, IP 67/EN 60529		
	270.100.000	handCASE HCF 100	220	100	42.4	IP 66/EN 60529, IP 67/EN 60529		Battery compartment
	271.100.000	handCASE HC 100	220	100	62.4	IP 66/EN 60529, IP 67/EN 60529		

Version R Sizes

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	272.080.000	handCASE HCF 080 R	180	80	42.4	IP 66/EN 60529, IP 67/EN 60529		Battery compartment
	272.081.000	handCASE HCF 081 R	180	80	42.4	IP 66/EN 60529, IP 67/EN 60529		
	272.100.000	handCASE HCF 100 R	220	100	42.4	IP 66/EN 60529, IP 67/EN 60529		Battery compartment
	273.100.000	handCASE HC 100 R	220	100	62.4	IP 66/EN 60529, IP 67/EN 60529		