

handCASE

THE EXTREMELY ROBUST HAND-HELD ENCLOSURE

IP 66, Optional: IP 67

The key product features:

- Enclosure material: diecast aluminium
- Enclosure surface:
- handCASE lid: powder coating, silver
- handCASE bottom: powder coating, RAL 9005
- handCASE-R: powder coating, RAL 7035
- Battery compartment
- Lid screws stainless steel 1.4567
- Integrated recess in cover for membrane keypad or front plate
- Ergonomic design for non-fatiguing work
- Enclosure seal: TPE molded gasket, silicone-free

handCASE is a stylish and highly robust range of handheld enclosures in diecast aluminum. 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 customized to your requirements.

Enclosure sizes

4 versions, 2 lid variants

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 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

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 molded gasket, silicone-free

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating









Lid: Silver

Bottom: RAL 9005, deep black

Optional: Special colors

Customizing

Learn more about our [full customizing service for installation-ready enclosures](#)

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	270.080.000	HCF 080	180	80	42		-
	270.081.000	HCF 081	180	80	42		-
	270.100.000	HCF 100	220	100	42		-
	271.100.000	HC 100	220	100	62		-
	272.080.000	HCF 080 R	180	80	42		-
	272.081.000	HCF 081 R	180	80	42		-
	272.100.000	HCF 100 R	220	100	42		-
	273.100.000	HC 100 R	220	100	62		-