

270.080.000
handCASE HCF 080



technical data

Material	Aluminum
Protection class	IP 66/EN 60529, IP 67/EN 60529
Colour	Bottom Deep black RAL 9005, Lid Silver metallic Silver metallic
Certifications	GOST
Length	7.087" 180 mm
Width	3.150" 80 mm
Height	1.669" 42.4 mm
Weight (g)	450 g
Country of manufacture	Germany
Customs tariff number	76169910

handCASE

MODERN AND HIGHLY ROBUST HANDHELD ENCLOSURES IN DIECAST ALUMINUM

IP 66, Optional: IP 67

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

Dimensions L x W x H

3,14" x 7,08" x 1,66" to 3,93" x 8,66" x 2,45"

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, 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

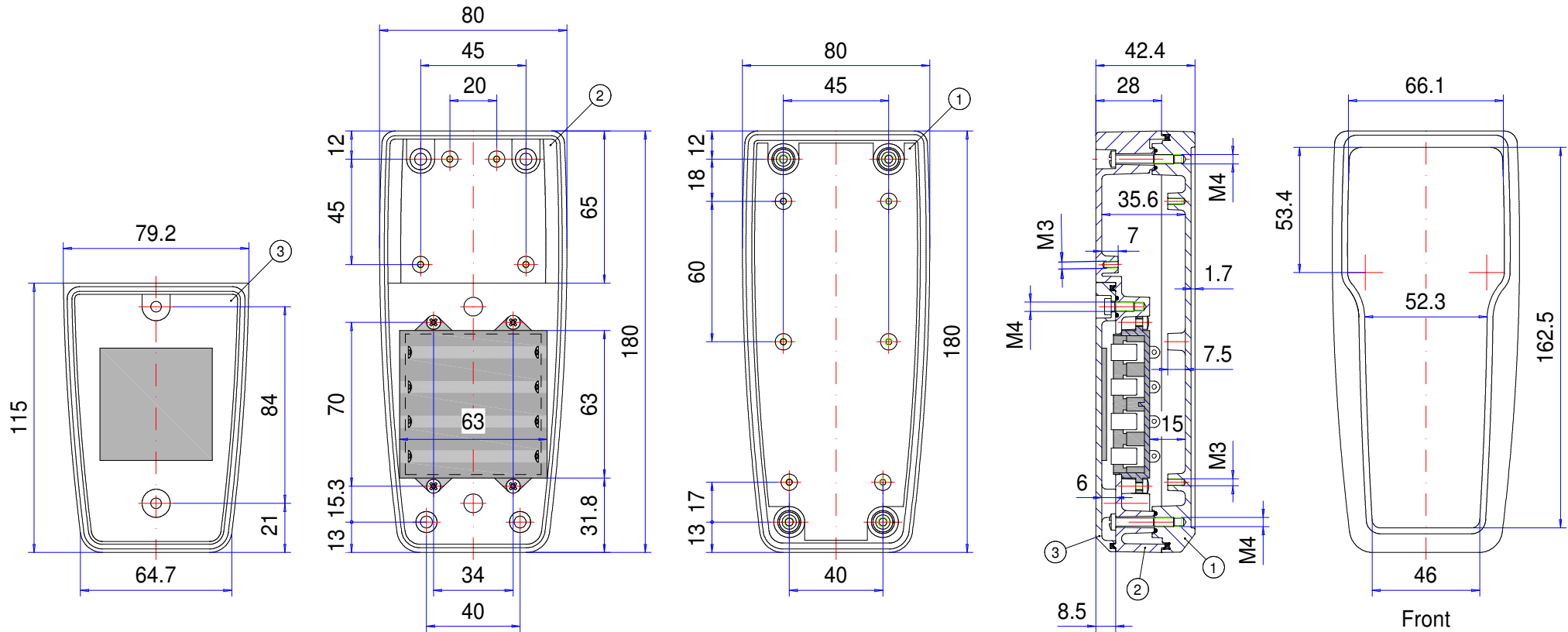
Optional: Special colors

Customizing
Learn more about our full customizing service for installation-ready enclosures


Enclosure series handCASE

Type: HCF 080

Material-No.: 270.080.000



① Lid ② Bottom ③ Lid / Battery compartment

Enclosure material	GD-Al Si 12 (DIN 1725)		Ingress protection	IP66 EN 60529
Lid screws	4x stainless steel 1.4567 (V2A), captive		Weight	0,450 kg
Gasket	2x TPE moulded gasket, siliconefree, black		Coating	Powder coating RAL 9005, black + silver metallic
Battery compartment	ABS, RAL 9005, black		Tolerance	GTA 13/5 DIN 1688-4 (outside dimensions $\pm 0,5$ mm)