

2203170

<https://www.phoenixcontact.com/us/products/2203170>

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Handheld housing, C-Maxi, light gray, consisting of two half shells, two front plates, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 2x 9 V battery

Your advantages

- Suitable for handheld devices
- Easy integration of LCD displays and membrane keypads
- Ergonomic straight or staggered housing design
- Fast mounting, thanks to the modular design

Commercial data

Item number	2203170
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFACA
GTIN	4055626377261
Weight per piece (including packing)	232.2 g
Weight per piece (excluding packing)	232.2 g
Customs tariff number	84879090
Country of origin	DE

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Technical data

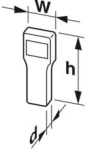
Product properties

Product type	Complete housing
Housing type	Handheld housing
Housing type	Handheld housing
Housing series	HCS
Ventilation openings present	no
Battery compartment	2x 9 V

Display

Diagonal	2.8 in. / 7 cm (Window for display)
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Dimensions

Dimensional drawing	
Width	94 mm
Height	182.5 mm
Depth	39 mm
Dimensions	73 mm x 80 mm x 1.1 mm (Recessed area on front) 73 mm x 7.9 mm x 1.1 mm (Recessed area on front) 73 mm x 8 mm x 1.1 mm (Recessed area on front) 62 mm x 33 mm (Window for display) 73 mm x 44 mm x 2.7 mm (Holder for cover lens)
Front with faceplate	top, 1 x (73.8 mm x 25.8 mm) bottom, 1 x (73.8 mm x 25.8 mm)

PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

Color (Housing)	light gray (RAL 7035)
Material Housing	ABS
Flammability rating according to UL 94	V0
CTI according to IEC 60112	400 ≤ CTI < 600
Insulating material	II
Surface characteristics	untreated

Environmental and real-life conditions

Glow-wire test

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Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	80 °C
Test duration	1 h
Force	20

Ambient conditions

Max. IP code to attain	IP40
Ambient temperature (operation)	-40 °C ... 80 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 80 °C
Relative humidity (storage/transport)	95 %

PCB data

Number of PCB holders	3
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Tightening torque / speed	Screw connection between housing halves: 0.25 - 0.3 Nm / 500 - 1000 rpm
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Drawings

Dimensional drawing



Schematic representation – for additional information, see product range drawing in the Download Center

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Classifications

ECLASS

ECLASS-13.0	27190102
ECLASS-15.0	27190102

ETIM

ETIM 9.0	EC001031
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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