

2203170

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

2203170

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

## Technical data

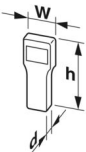
### Product properties

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)
----------	-------------------------------------

### 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
---------------	-------------------

### 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

Specification	IEC 60695-2-11:2014-02
---------------	------------------------

2203170

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

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
---------------------------	---

2203170

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

## Drawings

Dimensional drawing



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

2203170

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

## Classifications

### ECLASS

ECLASS-13.0	27190102
ECLASS-15.0	27190102

### ETIM

ETIM 9.0	EC001031
----------	----------

### UNSPSC

UNSPSC 21.0	31261500
-------------	----------

2203170

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

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)