

2203168
<https://www.phoenixcontact.com/us/products/2203168>

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 6 AA batteries

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	2203168
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFACA
GTIN	4055626377247
Weight per piece (including packing)	234.9 g
Weight per piece (excluding packing)	234.9 g
Customs tariff number	84879090
Country of origin	DE

HCS-C MAXI 1W 2X3AA 1 1 7035 - Electronics housing



2203168

<https://www.phoenixcontact.com/us/products/2203168>

Technical data

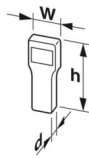
Product properties

Product type	Complete housing
Housing series	HCS
Type	straight
Housing type	Handheld housing
Ventilation openings present	no
Battery compartment	2 x 3 AA

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

Environmental and real-life conditions

Glow-wire test

HCS-C MAXI 1W 2X3AA 1 1 7035 - Electronics housing



2203168

<https://www.phoenixcontact.com/us/products/2203168>

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 Nm-0.3 Nm / 500 rpm-1000 rpm
---------------------------	--

HCS-C MAXI 1W 2X3AA 1 1 7035 - Electronics housing



2203168

<https://www.phoenixcontact.com/us/products/2203168>

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190102

ETIM

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

UNSPSC

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

Phoenix Contact 2024 © - 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