

# HCS-T MAXI 1W C C C 7035 - Electronics housing



2203142

<https://www.phoenixcontact.com/us/products/2203142>

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, T-Maxi, light gray, consisting of two half shells with screws, front 1.1 mm recessed, with window and keypad slot

## 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	2203142
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFABA
GTIN	4055626376943
Weight per piece (including packing)	366.7 g
Weight per piece (excluding packing)	366.7 g
Customs tariff number	84879090
Country of origin	DE

2203142

<https://www.phoenixcontact.com/us/products/2203142>

Technical data

Product properties

Product type	Complete housing
Housing type	Handheld housing
Housing series	HCS
Type	stepped
Ventilation openings present	no
Battery compartment	no

Display

Diagonal	4.6 in. / 11.5 cm (Window for display)
----------	--

Data management status

Article revision	02
------------------	----

Dimensions

Dimensional drawing	
Width	116 mm
Height	253 mm
Depth	46 mm
Dimensions	78.1 mm x 144 mm x 1.1 mm (Recessed area on front) 94 mm x 87 mm x 3.4 mm (Holder for cover lens) 84 mm x 79 mm (Window for display)

PCB design

PCB thickness	1.4 mm ... 1.8 mm
---------------	-------------------

Material specifications

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

Environmental and real-life conditions

Glow-wire test

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C

# HCS-T MAXI 1W C C C 7035 - Electronics housing



2203142

<https://www.phoenixcontact.com/us/products/2203142>

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

## Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
---------------	---

## Ambient conditions

Max. IP code to attain	IP54
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 %

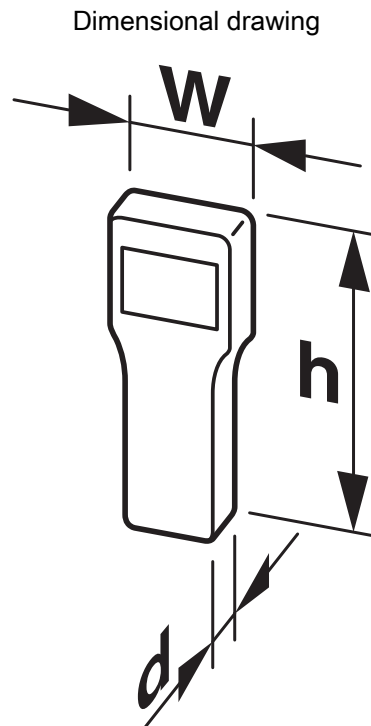
## PCB data

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

## Packaging specifications

Type of packaging	Box packaging
-------------------	---------------

## Drawings



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

2203142

<https://www.phoenixcontact.com/us/products/2203142>

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190102

ETIM

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

UNSPSC

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

# HCS-T MAXI 1W C C C 7035 - Electronics housing



2203142  
<https://www.phoenixcontact.com/us/products/2203142>

## 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 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](mailto:info@phoenixcon.com)