

HCS-C MINI 1 9V C C 7035 - Electronics housing



2203149

<https://www.phoenixcontact.com/us/products/2203149>

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Handheld housing, C-Mini, light gray, consisting of two half shells, screws. Front 1.1 mm recessed, closed, battery compartment cover and battery contacts for 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	2203149
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFACA
GTIN	4055626377025
Weight per piece (including packing)	95.1 g
Weight per piece (excluding packing)	95.1 g
Customs tariff number	84879090
Country of origin	DE

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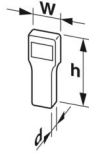
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Technical data

Product properties

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

Dimensions

Dimensional drawing	
Width	70.5 mm
Height	110 mm
Depth	26 mm
Dimensions	60.5 mm x 100 mm x 1.1 mm (Recessed area on front)

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	$400 \leq \text{CTI} < 600$

Environmental and real-life conditions

Glow-wire test

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

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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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	2
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
Tightening torque	0.25 Nm ... 0.3 Nm

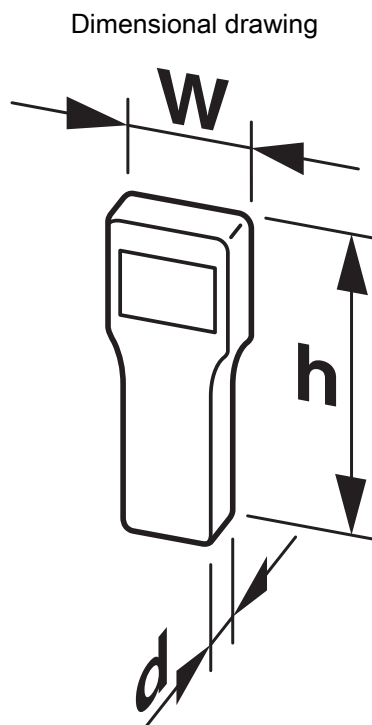
Packaging specifications

Type of packaging	Box packaging
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Drawings



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 10.0	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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