

# HCS-C MEDIUM 1W 3AA 1 1 7035 - Electronics housing



2203163

<https://www.phoenixcontact.com/us/products/2203163>

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Handheld housing, C-Medium, 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 3 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	2203163
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFACA
GTIN	4055626377735
Weight per piece (including packing)	197.1 g
Weight per piece (excluding packing)	197.1 g
Customs tariff number	84879090
Country of origin	DE

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## Technical data

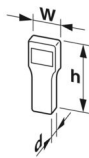
### Product properties

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

### Display

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

Dimensional drawing	
Width	87 mm
Height	164 mm
Depth	30.5 mm
Dimensions	78 mm x 152 mm x 1.1 mm (Recessed area on front) 63 mm x 34 mm (Window for display) 67 mm x 38 mm x 1.7 mm (Holder for cover lens)
Front with faceplate	top, 1 x (62.8 mm x 21.9 mm) bottom, 1 x (62.8 mm x 21.9 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

### 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

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