# HCS-C MINI-P 1W 2AA C C 7035 - Electronics housing

2203157

https://www.phoenixcontact.com/us/products/2203157

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Handheld housing, C-Mini-Plus, light gray, consisting of two half shells, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 2 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 | 2203157 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC02 |
| Product key | ACFACA |
| GTIN | 4055626377094 |
| Weight per piece (including packing) | 152 g |
| Weight per piece (excluding packing) | 93 g |
| Customs tariff number | 84879090 |
| Country of origin | DE |

## Technical data

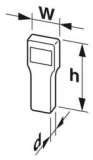
### Product properties

| | |
|---|---|
| Product type | Complete housing |
| Housing type | Handheld housing |
| Housing type | Handheld housing |
| Housing series | HCS |
| Ventilation openings present | no |
| Battery compartment | 2 x AA |

Display

| | |
|---|---|
| Diagonal | 2.8 in. / 7 cm (Window for display) |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 80 mm |
| Height | 135 mm |
| Depth | 29 mm |
| Dimensions | 70.4 mm x 69.2 mm x 1.1 mm (Recessed area on front) |
| | 70.4 mm x 8.2 mm x 1.1 mm (Recessed area on front) |
| | 63 mm x 34 mm (Window for display) |
| | 70.4 mm x 43 mm x 2.5 mm (Holder for cover lens) |

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 |

### 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 |

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

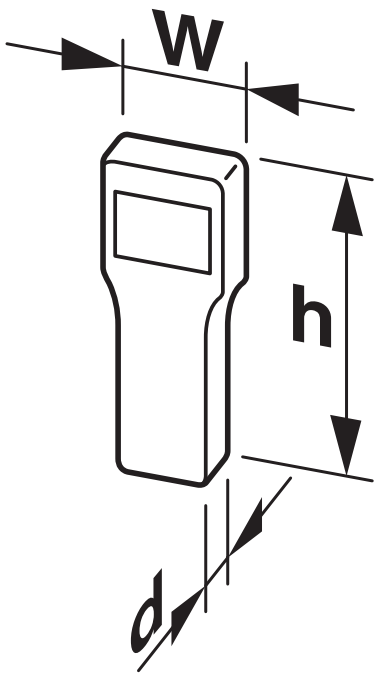
| | |
|---|---|
| Number of PCB holders | 2 |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

## 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 |

## Drawings

Dimensional drawing




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

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27190102 |
| ECLASS-15.0 | 27190102 |

### ETIM

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

### UNSPSC

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

## 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% |


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