

HCS-C MINI 1W C C C 7035 - Electronics housing



2203147

<https://www.phoenixcontact.com/us/products/2203147>

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Handheld housing, C-Mini, 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 | 2203147 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC02 |
| Product key | ACFACA |
| GTIN | 4055626377018 |
| Weight per piece (including packing) | 86.5 g |
| Weight per piece (excluding packing) | 80.7 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 | no |

Display

| | |
|----------|-----------------------------------|
| Diagonal | 2.8 in. (Window for display) |
| | 2 in. / 5 cm (Window for display) |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 70.5 mm |
| Height | 110 mm |
| Depth | 26 mm |
| Dimensions | 60.5 mm x 56 mm x 1.1 mm (Recessed area on front) |
| | 44 mm x 23.4 mm (Window for display) |
| | 53.2 mm x 32.6 mm x 2.4 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 |
| Insulating material | II |
| Surface characteristics | untreated |

Environmental and real-life conditions

Glow-wire test

| | |
|------------------|------------------------|
| Specification | IEC 60695-2-11:2014-02 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

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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 | 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 | 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 |
|---------------------------|---|

Packaging specifications

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

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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 10.0 | EC001031 |
|-----------|----------|

UNSPSC

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

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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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