

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



2203155

<https://www.phoenixcontact.com/us/products/2203155>

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, C-Mini-Plus, light gray, consisting of two half shells, two front plates 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 | 2203155 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC02 |
| Product key | ACFACA |
| GTIN | 4055626377087 |
| Weight per piece (including packing) | 127.2 g |
| Weight per piece (excluding packing) | 93 g |
| Customs tariff number | 84879090 |
| Country of origin | DE |

2203155

<https://www.phoenixcontact.com/us/products/2203155>

Technical data

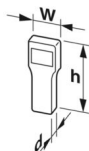
Product properties

| | |
|------------------------------|------------------|
| Product type | Complete housing |
| Housing series | HCS |
| Type | straight |
| Housing type | Handheld housing |
| Ventilation openings present | no |
| Battery compartment | no |

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) |
| Front with faceplate | top, 1 x (59.9 mm x 17.9 mm) bottom, 1 x (59.9 mm x 17.9 mm) |

PCB design

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

Material specifications

| | |
|--|-----------------------|
| Color (Housing) | light grey (RAL 7035) |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | $400 \leq CTI < 600$ |
| Insulating material | II |
| Surface characteristics | untreated |
| Housing material | ABS |

Environmental and real-life conditions

Glow-wire test

| | |
|---------------|------------------------|
| Specification | IEC 60695-2-11:2014-02 |
|---------------|------------------------|

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



2203155

<https://www.phoenixcontact.com/us/products/2203155>

| | |
|------------------|--------|
| 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 | 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 Nm-0.3 Nm / 500 rpm-1000 rpm |
|---------------------------|---|

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



2203155

<https://www.phoenixcontact.com/us/products/2203155>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
| ECLASS-13.0 | 27190102 |

ETIM

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

UNSPSC

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

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