

2203162

<https://www.phoenixcontact.com/us/products/2203162>

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Handheld housing, C-Medium, light gray, consisting of two half shells, front plates above 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 | 2203162 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC02 |
| Product key | ACFACA |
| GTIN | 4055626377728 |
| Weight per piece (including packing) | 184.9 g |
| Weight per piece (excluding packing) | 184.9 g |
| Customs tariff number | 84879090 |
| Country of origin | DE |

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Technical data

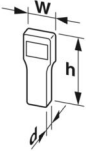
Product properties

| | |
|------------------------------|------------------|
| 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 | 87 mm |
| Height | 164 mm |
| Depth | 30.5 mm |
| Dimensions | 73 mm x 80 mm x 1.1 mm (Recessed area on front) 73 mm x 6.5 mm x 1.1 mm (Recessed area on front) 73 mm x 6.5 mm x 1.1 mm (Recessed area on front) 63 mm x 35 mm (Window for display) 72 mm x 45 mm x 2.7 mm (Holder for cover lens) |
| Front with faceplate | top, 1 x (62.8 mm x 21.9 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 ≤ 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 |
|---------------|------------------------|

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

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Classifications

ECLASS

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

ETIM

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

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| UNSPSC 21.0 | 31261500 |
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