

2203139

<https://www.phoenixcontact.com/us/products/2203139>

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Handheld housing, T-Medium, light gray, consisting of two half shells, front plates below 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	2203139
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFABA
GTIN	4055626376929
Weight per piece (including packing)	229.9 g
Weight per piece (excluding packing)	229.9 g
Customs tariff number	84879090
Country of origin	DE

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## Technical data

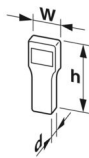
### Product properties

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. / 7.5 cm (Window for display)
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### Dimensions

Dimensional drawing	
Width	92 mm
Height	216 mm
Depth	40 mm
Dimensions	64 mm x 116.7 mm x 1.1 mm (Recessed area on front) 71 mm x 10 mm x 1.1 mm (Recessed area on front) 63 mm x 40 mm (Window for display) 38 mm x 3.3 mm (Opening for membrane cable) 71 mm x 50 mm x 3.4 mm (Holder for cover lens)
Front with faceplate	bottom, 1 x (59.9 mm x 17.9 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
Insulating material	II
Surface characteristics	untreated

### 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

#### Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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#### 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	3
Thickness of the PCB	1.4 mm ... 1.8 mm

#### 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 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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