HCS-C MEDIUM 1W 3AA 1 1 7035 - Electronics housing

2203163

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Handheld housing, C-Medium, light gray, consisting of two half shells, two front plates, screws. Front 1.1 mm recessed, with window and keypad slot, battery compartment cover and battery contacts for 3 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	2203163
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC02
Product key	ACFACA
GTIN	4055626377735
Weight per piece (including packing)	197.1 g
Weight per piece (excluding packing)	197.1 g
Customs tariff number	84879090
Country of origin	DE

Technical data

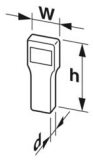
Product properties

Product type	Complete housing
Housing type	Handheld housing
Housing type	Handheld housing
Housing series	HCS
Ventilation openings present	no
Battery compartment	3 x AA

Display

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

Dimensions

Dimensional drawing	
Width	87 mm
Height	164 mm
Depth	30.5 mm
Dimensions	78 mm x 152 mm x 1.1 mm (Recessed area on front)
	63 mm x 34 mm (Window for display)
	67 mm x 38 mm x 1.7 mm (Holder for cover lens)
Front with faceplate	top, 1 x (62.8 mm x 21.9 mm)
	bottom, 1 x (62.8 mm x 21.9 mm)

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

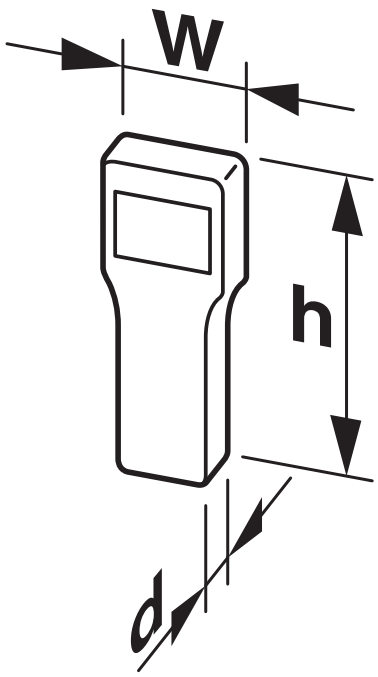
Number of PCB holders	2
Thickness of the PCB	1.4 mm ... 1.8 mm

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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