

# DCS 5,7 L 1F R BP 1 7035 - Electronics housing



2203175

<https://www.phoenixcontact.com/us/products/2203175>

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.



Display housing, 5.7", light gray, consisting of two half shells, four front plates with screws and battery pack contacts, window on the left. Front 1.1 mm recessed, keypad area on the right, recessed for battery pack

## Your advantages

- Display housing for portable and stationary operating panels
- Integration of TFT display and membrane keypads
- Up to IP54 degree of protection
- Shock-resistant ABS plastic
- Flammability rating V0 in accordance with UL 94

## Commercial data

Item number	2203175
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	AC02
Product key	ACFBAA
GTIN	4055626378312
Weight per piece (including packing)	367 g
Weight per piece (excluding packing)	300 g
Customs tariff number	39269097
Country of origin	DE

2203175

<https://www.phoenixcontact.com/us/products/2203175>

## Technical data

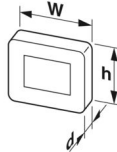
### Product properties

Product type	Complete housing
Housing type	Display carrier
Housing type	Display carriers
Housing series	DCS
Product family	DCS 5,7..
Ventilation openings present	no
Battery compartment	for APP battery housing

### Display

Diagonal	5.7 in. / 146 cm (Window for display)
----------	---------------------------------------

### Dimensions

Dimensional drawing	
Width	226 mm
Height	158 mm
Depth	40 mm
Dimensions	118 mm x 88 mm (Window for display, left position) 44 mm x 104.8 mm x 1 mm (recessed area on the front, right position for membrane keypad) 28.5 mm x 3.5 mm (Opening for the membrane keypad cable) 21.8 mm x 62.8 mm (Front with faceplate, position above, quantity 2) 20 mm x 104 mm (Side with faceplate, position left and right, quantity 1)
Front with faceplate	top, 2 x (63 mm x 21.9 mm) left, 1 x (104 mm x 20 mm) right, 1 x (104 mm x 20 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

# DCS 5,7 L 1F R BP 1 7035 - Electronics housing



2203175

<https://www.phoenixcontact.com/us/products/2203175>

## 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

## Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
---------------	---

## Ambient conditions

Max. IP code to attain	IP54
------------------------	------

## PCB data

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

## Mounting

Mounting type	Panel mounting (with accessories as an option)
Wall fastening	yes
Mounting position	any

## Drawings



Schematic representation – for additional information, see product range drawing in the Download Center

# DCS 5,7 L 1F R BP 1 7035 - Electronics housing



2203175

<https://www.phoenixcontact.com/us/products/2203175>

## Classifications

### ECLASS

ECLASS-13.0

27190103

### ETIM

ETIM 9.0

EC001031

### UNSPSC

UNSPSC 21.0

31261500

# DCS 5,7 L 1F R BP 1 7035 - Electronics housing



2203175

<https://www.phoenixcontact.com/us/products/2203175>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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](mailto:info@phoenixcon.com)