

# DCS 7 M C O C 1 7035 - Electronics housing



2203183

<https://www.phoenixcontact.com/us/products/2203183>

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Display housing, 7", light gray, central window, front level, consisting of two half shells, four front plates with screws

## 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	2203183
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	AC02
Product key	ACFBAA
GTIN	4055626378374
Weight per piece (including packing)	320 g
Weight per piece (excluding packing)	290 g
Customs tariff number	39269097
Country of origin	DE

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## Technical data

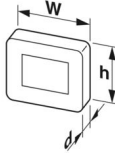
### Product properties

Product type	Complete housing
Housing type	Display carrier
Housing type	Display carriers
Housing series	DCS
Product family	DCS 7..
Ventilation openings present	no
Battery compartment	no

### Display

Diagonal	7 in. / 18 cm (Window for display)
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### Dimensions

Dimensional drawing	
Width	226 mm
Height	158 mm
Depth	40 mm
Dimensions	154.4 mm x 93.4 mm (Window for display, center position) 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 (62.5 mm x 21.8 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
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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

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## 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
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## Ambient conditions

Max. IP code to attain	IP54
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## PCB data

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

## Mounting

Wall fastening	no
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## Drawings



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

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## Classifications

### ECLASS

ECLASS-13.0	27190103
ECLASS-15.0	27190103

### 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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