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

2203175

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

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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 |

## Technical data

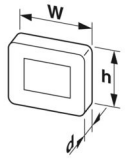
### Product properties

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

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

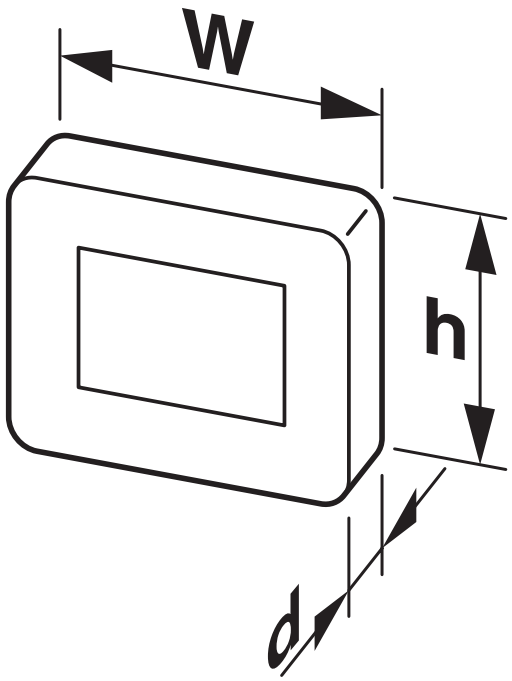
| | |
|---|---|
| Number of PCB holders | 2 |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

## Mounting

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

## Drawings

Dimensional drawing




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

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27190103 |

### 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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