

# HC-EVO-D15-SLWSC-2SSM20-PLR-BK - Housing



1421465

<https://www.phoenixcontact.com/us/products/1421465>

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Box mounting bases D15, with single locking latch, material: PA, protective cover material: PC, cable outlets: 2, lateral, 2x M20, height: 52 mm, cable gland: none, protective cover: yes, Standard, including 2x reducing adapter

## Your advantages

- Flexible cable outlet direction, lateral or straight
- Lower costs than metal version
- Low weight
- Lower risk of condensation

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1421465             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BF57                |
| Product key                          | BF7APN              |
| Catalog page                         | Page 526 (C-2-2019) |
| GTIN                                 | 4055626265070       |
| Weight per piece (including packing) | 115 g               |
| Weight per piece (excluding packing) | 114 g               |
| Customs tariff number                | 85389099            |
| Country of origin                    | PL                  |

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## Technical data

### Notes

|         |                                 |
|---------|---------------------------------|
| General | For contact inserts HC-D15, A10 |
|---------|---------------------------------|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Box mounting bases         |
| Product family               | HC-EVO-D                   |
| Application                  | Standard                   |
| Type                         | D15                        |
| No. of cable outlets         | 2                          |
| Type of the screw connection | 2x M20                     |
| Type                         | Low design                 |
| Protective cover             | yes                        |
| Cable outlet                 | lateral                    |
| Pg screw connection          | none                       |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 03 |
|------------------|----|

### Dimensions

|                     |        |
|---------------------|--------|
| Dimensional drawing |        |
| Width               | 51 mm  |
| Height              | 52 mm  |
| Length              | 80 mm  |
| Hole diameter       | 4.5 mm |

### Material specifications

|                                        |                       |
|----------------------------------------|-----------------------|
| Flammability rating according to UL 94 | V0 (Housing)          |
|                                        | V0 (Interlock)        |
|                                        | V0 (Protective cover) |
| Housing material                       | PA                    |
| Material, protective cover             | PC                    |
| Locking latch material                 | PA                    |

### Mechanical properties

#### Mechanical data

|                              |        |
|------------------------------|--------|
| Type of the screw connection | 2x M20 |
| Locking type                 | Latch  |

Connection data

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Tightening torque | 0.8 Nm ... 1.2 Nm (for M4 mounting screws on the surface-mount housing) |
|-------------------|-------------------------------------------------------------------------|

Mounting

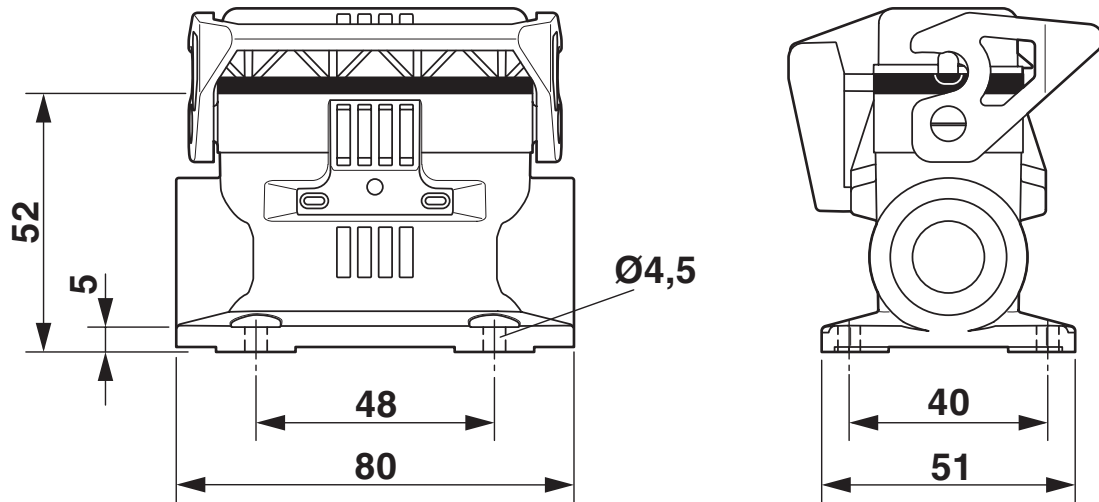
|               |                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------|
| Assembly note | Two M25 to M20 reducing adapters are included                                                           |
|               | One of the two openings for the screw connections is sealed but can be broken open using a screwdriver. |

Environmental and real-life conditions

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Ambient conditions              |                                                        |
| Degree of protection            | IP66 (when plugged in or with locked protective cover) |
| Enclosure rating (NEMA)         | 12 (UL 50e)                                            |
| Impact strength                 | IK08                                                   |
| Ambient temperature (operation) | -40 °C ... 125 °C                                      |

## Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421465>

**DNV**  
Approval ID: TAE000037S

**EAC**  
Approval ID: RU C-DE.BL08.B.00511

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

**cULus Recognized**



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Classifications

ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-12.0 | 27440202 |
| ECLASS-13.0 | 27440202 |

ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000437 |
|----------|----------|

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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