

# HC-STA-D07-CHWS-1TGM20-PL-BK - Housing



1419259

<https://www.phoenixcontact.com/us/products/1419259>

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Coupling housings D7, with single locking latch, material: PA, cable outlets: 1, straight, M20, height: 76 mm, cable gland: with, Standard

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1419259       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF56          |
| Product key                          | AF7APD        |
| GTIN                                 | 4055626160108 |
| Weight per piece (including packing) | 30.3 g        |
| Weight per piece (excluding packing) | 29.7 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

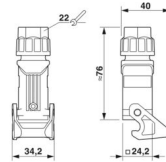
### Notes

|         |   |
|---------|---|
| General | for contact inserts HC-A03, A04, D07, D08, Q02, Q03, Q04, Q05, Q07, Q12 |
|---------|---|

### Product properties

|                              |                            |
|------------------------------|----------------------------|
| Product type                 | Housing with locking latch |
| Housing type                 | Coupling housings          |
| Product family               | HC-STA-D07                 |
| Series                       | HC-D                       |
| Application                  | Standard                   |
| Type                         | D7                         |
| No. of cable outlets         | 1                          |
| Type of the screw connection | M20                        |
| Shielded                     | no                         |
| Cable outlet                 | straight                   |
| Pg screw connection          | with                       |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 34.2 mm  |
| Height              | 76 mm  |
| Length              | 24.2 mm  |

### Material specifications

|  |                |
|--|----------------|
| Flammability rating according to UL 94 | V0 (Housing)   |
|  | V0 (Interlock) |
| Housing material                       | PA             |
| Locking latch material                 | PA             |

### Mechanical properties

#### Mechanical data

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

### Cable/line

|                         |                |
|-------------------------|----------------|
| External cable diameter | 4 mm ... 10 mm |
|-------------------------|----------------|

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## Connection data

|                         |                |
|-------------------------|----------------|
| External cable diameter | 4 mm ... 10 mm |
| Tightening torque       | 5 Nm (Cap nut) |

## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
| Enclosure rating (NEMA)         | 4 (UL)            |
|                                 | 4X (UL)           |
| Impact strength                 | IK06              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

# HC-STA-D07-CHWS-1TGM20-PL-BK - Housing

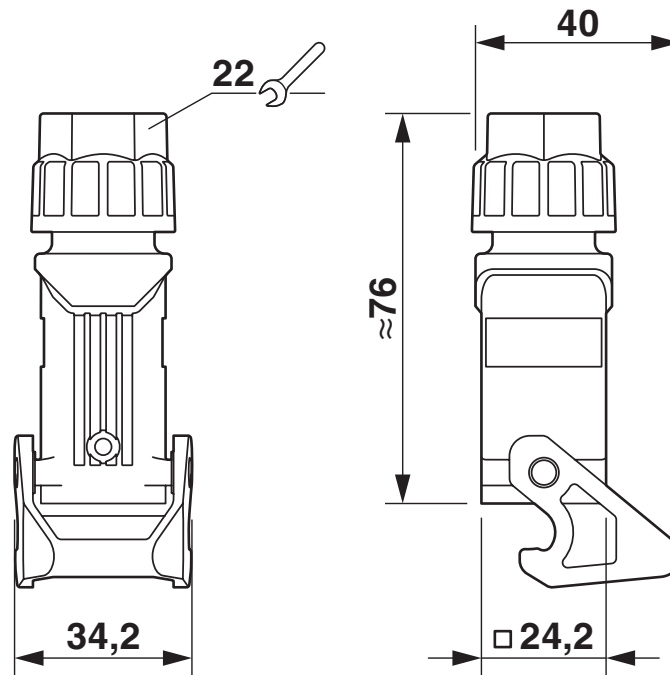


1419259

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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1419259>

**DNV**

Approval ID: TAE000037S



**cULus Recognized**

Approval ID: E468743

1419259

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000437 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

1419259

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## 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)