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Coupling housings D7, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PA, cable outlets: 1, straight, 1x M25, height: 60.5 mm, cable gland: none, protective cover: yes, Standard, for socket inserts

## Commercial data

Item number	1419244
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF56
Product key	BF7APF
Catalog page	Page 517 (C-2-2019)
GTIN	4055626159751
Weight per piece (including packing)	44.3 g
Weight per piece (excluding packing)	44.2 g
Customs tariff number	85389099
Country of origin	CN

## Technical data

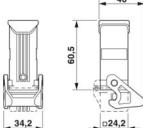
### Notes

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

Product type	Housing with locking latch
Housing type	Coupling housings
Product family	HC-STA-D07
Application	Standard
Type	D7
No. of cable outlets	1
Type of the screw connection	1x M25
Protective cover	yes
Shielded	no
Cable outlet	straight
Pg screw connection	none

### Dimensions

Dimensional drawing	
Width	34.2 mm
Height	60.5 mm
Length	24.2 mm

### Material specifications

Flammability rating according to UL 94	V0 (Interlock) V0 (Protective cover)
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	uncoated
Material, protective cover	PA
Locking latch material	PA

### Mechanical properties

Mechanical data	
Type of the screw connection	1x M25
Locking type	Latch

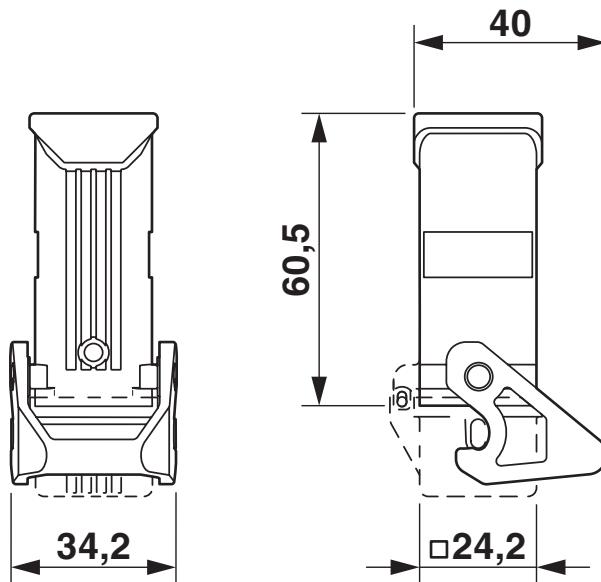
### Environmental and real-life conditions

## Ambient conditions

Degree of protection	IP66
	IP67
Impact strength	IK06
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/1419244>

**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**

## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC000437
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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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1419244

<https://www.phoenixcontact.com/us/products/1419244>

## Accessories

### G-INS-M25-M68N-NNES-S - Cable gland

1411165

<https://www.phoenixcontact.com/us/products/1411165>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

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### G-INSEC-M25-S68N-NCRS-S - Cable gland

1411190

<https://www.phoenixcontact.com/us/products/1411190>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 11 mm ... 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

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# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

## G-INS-M25-M68N-PNES-GY - Cable gland

1411126

<https://www.phoenixcontact.com/us/products/1411126>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-grey RAL 7001

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## G-INS-M25-M68N-PNES-BK - Cable gland

1411134

<https://www.phoenixcontact.com/us/products/1411134>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: jet black RAL 9005

# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

## US-EMLP (20X9) CUS - Plastic label

0830085

<https://www.phoenixcontact.com/us/products/0830085>

Plastic label, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 75



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## HC-D07-SL-PLBK - Housing brackets

1424440

<https://www.phoenixcontact.com/us/products/1424440>

Replacement latch for HC-D7 housing



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

## HC-STA-D07-BCLFS-PLR-BK - Protective cover

1419270

<https://www.phoenixcontact.com/us/products/1419270>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 29.4 mm, seal: yes, Standard, with lanyard, for socket inserts



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## HC-STA-D07-BCLFS-PL-BK - Protective cover

1419271

<https://www.phoenixcontact.com/us/products/1419271>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 29.4 mm, seal: no, Standard, with lanyard, for pin inserts



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

## HC-STA-D07-BCSFS-PLR-BK - Protective cover

1419272

<https://www.phoenixcontact.com/us/products/1419272>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 30 mm, seal: yes, Standard, with lanyard, for socket inserts



## HC-STA-D07-BCSFS-PL-BK - Protective cover

1419273

<https://www.phoenixcontact.com/us/products/1419273>

Protective cover D7, for single locking latch, material: PA, protective cover material: PA, height: 30 mm, seal: no, Standard, with lanyard, for pin inserts



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

WP-G HF IP66 M25 BK - Screw connection

3240899

<https://www.phoenixcontact.com/us/products/3240899>

Cable gland, metric thread, IP66 protection, straight



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WP-G HF IP69K M25 BK - Screw connection

3240885

<https://www.phoenixcontact.com/us/products/3240885>

Cable gland, metric thread, IP68/69k protection, straight



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

WP-GA HF IP66 M25 BK - Screw connection

3240927

<https://www.phoenixcontact.com/us/products/3240927>

Cable gland, metric thread, IP66 protection, angled



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WP-GA HF IP69K M25 BK - Screw connection

3240913

<https://www.phoenixcontact.com/us/products/3240913>

Cable gland, metric thread, IP68/69k protection, angled



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

WP-GR HF IP66 M25 BK - Screw connection

3240955

<https://www.phoenixcontact.com/us/products/3240955>

Cable gland, metric thread, IP66 protection, with strain relief



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WP-GR HF IP69K M25 BK - Screw connection

3240941

<https://www.phoenixcontact.com/us/products/3240941>

Cable gland, metric thread, IP68/69k protection, with strain relief



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing

1419244

<https://www.phoenixcontact.com/us/products/1419244>



## WP-G PP HF M25 - Screw connection

3240999

<https://www.phoenixcontact.com/us/products/3240999>



Cable gland made from PP with metric thread, IP65 protection

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## WP-GT PP HF M25 - Screw connection

3241013

<https://www.phoenixcontact.com/us/products/3241013>



Cable gland made from PP with metric thread, rotatable, IP54 protection

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# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing



1419244

<https://www.phoenixcontact.com/us/products/1419244>

WP-G BRASS IP40 M25 - Screw connection

3241048

<https://www.phoenixcontact.com/us/products/3241048>

Cable gland made from brass with metric thread, IP40 protection



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WP-GT BRASS M25 - Screw connection

3241034

<https://www.phoenixcontact.com/us/products/3241034>

Cable gland made from brass with metric thread, rotatable, IP40 protection



# HC-STA-D07-CHWSCF-1TTM25-EL-AL - Housing

1419244

<https://www.phoenixcontact.com/us/products/1419244>



WP-G BRASS IP65 M25 - Screw connection

3241062

<https://www.phoenixcontact.com/us/products/3241062>

Cable gland made from brass with metric thread, IP65 protection



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