

Housing - HC-STA-D07-CHWS-1TTM20-EL-AL



1419238

<https://www.phoenixcontact.com/us/products/1419238>

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Coupling housings D7, with single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x M20, height: 60.5 mm, cable gland: none, Standard

Commercial Data

Item number	1419238
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B10
Product Key	BF7APF
Catalog Page	Page 517 (C-2-2019)
GTIN	4055626159713
Weight per Piece (including packing)	39.5 g
Weight per Piece (excluding packing)	39.5 g
Customs tariff number	85389099
Country of origin	CN

Technical Data

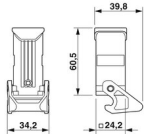
Notes

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

Type	D7
Product type	Housing with locking latch
Application	Standard
No. of cable outlets	1
Type of the screw connection	1x M20
Housing type	Coupling housings
Locking type	with single locking latch
Shielded	no
Cable outlet	straight
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	26.5 mm
Height	60.5 mm
Length	26.5 mm

Material specifications

Color	gray aluminum
Flammability rating according to UL 94	V0 (Interlock)
Housing surface material	uncoated
Locking latch material	PA
Impact strength	IK06
Housing material	Die-cast aluminum, salt water resistant

Mechanical properties

Mechanical data

Type of the screw connection	1x M20
Locking type	Latch

Environmental and real-life conditions

Ambient conditions

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Degree of protection	IP66
	IP67
Impact strength	IK06
Ambient temperature (operation)	-40 °C ... 125 °C

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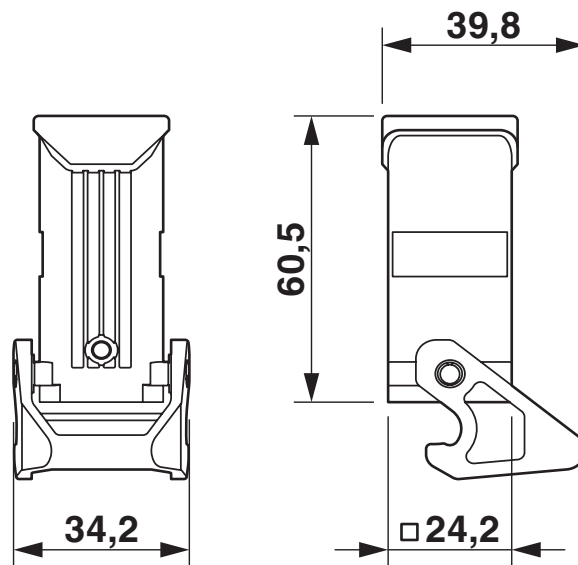
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

DNV

Approval ID: TAE000037S



cUL Recognized

Approval ID: E255026



UL Recognized

Approval ID: E255026



EAC

Approval ID: RU C-DE.AI30.B.01102



EAC

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

cULus Recognized

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Classifications

ECLASS

ECLASS-9.0	27440202
ECLASS-10.0.1	27440202
ECLASS-11.0	27440202

ETIM

ETIM 8.0	EC000437
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UNSPSC

UNSPSC 21.0	31261500
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Cable gland

Cable gland - G-INS-M20-S68N-NNES-S - 1411163

<https://www.phoenixcontact.com/us/products/1411163>



Cable gland, material for screw connection: Nickel-plated brass, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with O-ring

Cable gland

Cable gland - G-INSEC-M20-S68N-NCRS-S - 1411189

<https://www.phoenixcontact.com/us/products/1411189>



Cable gland, material for screw connection: Nickel-plated brass, external cable diameter 9 mm ... 13 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver, with O-ring

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Cable gland

Cable gland - G-INS-M20-S68N-PNES-GY - 1411125

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Cable gland, material for screw connection: PA, external cable diameter 6 mm ...
12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-gray RAL 7001

Cable gland

Cable gland - G-INS-M20-S68N-PNES-BK - 1411133

<https://www.phoenixcontact.com/us/products/1411133>



Cable gland, material for screw connection: PA, external cable diameter 6 mm ...
12 mm, shielding: no, connecting thread: M20 x 1.5, color: jet black RAL 9005

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Plastic label

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



Housing brackets

Housing brackets - HC-D07-SL-PLBK - 1424440

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

Replacement latch for HC-D7 housing



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Screw connection

Screw connection - WP-G HF IP66 M20 BK - 3240898

<https://www.phoenixcontact.com/us/products/3240898>



Cable gland, metric thread, IP66 protection, straight

Screw connection

Screw connection - WP-G HF IP69K M20 BK - 3240884

<https://www.phoenixcontact.com/us/products/3240884>



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

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Screw connection

Screw connection - WP-GA HF IP66 M20 BK - 3240926

<https://www.phoenixcontact.com/us/products/3240926>

Cable gland, metric thread, IP66 protection, angled



Screw connection

Screw connection - WP-GA HF IP69K M20 BK - 3240912

<https://www.phoenixcontact.com/us/products/3240912>

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



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Screw connection

Screw connection - WP-GR HF IP66 M20 BK - 3240954

<https://www.phoenixcontact.com/us/products/3240954>



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

Screw connection

Screw connection - WP-GR HF IP69K M20 BK - 3240940

<https://www.phoenixcontact.com/us/products/3240940>



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

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Screw connection

Screw connection - WP-G PP HF M20 - 3240998

<https://www.phoenixcontact.com/us/products/3240998>



Cable gland made from PP with metric thread, IP65 protection

Screw connection

Screw connection - WP-GT PP HF M20 - 3241012

<https://www.phoenixcontact.com/us/products/3241012>



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

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Screw connection

Screw connection - WP-G BRASS IP40 M20 - 3241047

<https://www.phoenixcontact.com/us/products/3241047>



Cable gland made from brass with metric thread, IP40 protection

Screw connection

Screw connection - WP-GT BRASS M20 - 3241033

<https://www.phoenixcontact.com/us/products/3241033>



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

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Screw connection

Screw connection - WP-G BRASS IP65 M20 - 3241061

<https://www.phoenixcontact.com/us/products/3241061>



Cable gland made from brass with metric thread, IP65 protection

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