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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Housing - HC-ADV-B10-HLWH-1STM20-EMC-AL - 1413389

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HEAVYCON ADVANCE sleeve housing, B10, with stainless steel screw locking (Allen screw), salt-water-resistant aluminum, height 74 mm, with 1x M20 thread, lateral cable outlet, without surface, conductive seal (EMC properties)



### Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	240.0 g
Custom tariff number	85389099
Country of origin	China

### Technical data

#### Dimensions

Height	74 mm
Width	57 mm
Length	105 mm
Length of the assembly cutout	65 mm
Width of the assembly cutout	35 mm

#### Ambient conditions

Degree of protection of housing (IP)	IP66
	IP68 (0.2 bar/24 h)
	IP69K (ISO 20653:2013-02)
Degree of protection of housing (NEMA)	4
	4X
	6P
	12

# Housing - HC-ADV-B10-HLWH-1STM20-EMC-AL - 1413389

## Technical data

### Ambient conditions

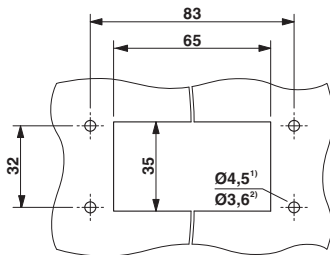
Ambient temperature (operation)	-40 °C ... 125 °C
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### General

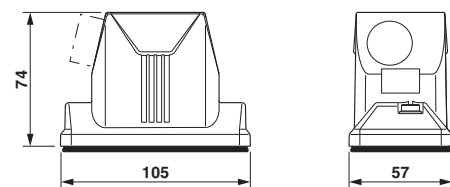
Note	For contact inserts HC-B10, BB18, DD42, M, K8/24
Size	B10
Housing type	Sleeve housing
Locking type	Screw locking
Fixing screws	M6 (screw head: 5 mm Allen screw)
No. of cable outlets	1
Cable exit	lateral
Screw connection	none
Type of the screw connection	1x M20
Housing material	Die-cast aluminum, salt water resistant
Housing surface material	Uncoated
Seal material	NBR, conductive
Material lock	Stainless steel

## Drawings

Dimensional drawing



Dimensional drawing



### Panel cutout

<sup>2)</sup> When self-tapping screws are used (Torx® 20, M4)

Dimensional drawing

## Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143423
eCl@ss 8.0	27440202
eCl@ss 9.0	27440202

# Housing - HC-ADV-B10-HLWH-1STM20-EMC-AL - 1413389

## Classifications

ETIM

ETIM 5.0	EC000437
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## Approvals

Approvals

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Approvals

EAC / GL

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Ex Approvals

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Approvals submitted

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## Approval details

EAC
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GL
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## Accessories

Accessories

Full screw connection

Cable gland - HC-K-KV-M20(8-13) - 1690626



Plastic screw connection up to 5 bar, thread length: 8 mm, cable diameter: 8 - 13 mm, WAF 24, screw connection: M20

## Housing - HC-ADV-B10-HLWH-1STM20-EMC-AL - 1413389

### Accessories

Cable gland - HC-M-KV-M20(11-16) - 1645998



Metal screw connection up to 5 bar, thread length: 6 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M20

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Cable gland - HC-M-KV-M20(1ASI) - 1584017



Metal screw connection for an AS-Interface flat-ribbon conductor, thread type M20

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### Labeled device marker

Plastic label - US-EMLP (20X9) CUS - 0830085



Plastic label, can be ordered: By card, white, labeled according to customer specifications, Mounting type: Adhesive, Lettering field: 20 x 9 mm

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### Panel mounting flange

Mounting flange - HC-B-AF - 1686533



Panel mounting flange for HEAVYCON-ADVANCE TMS housing with screw locking

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Mounting flange - HC-B-AF-SET - 1604638



Panel mounting flange for screw locking, set comprising 2 panel mounting flanges with 4 self-tapping screws (M4, Torx<sup>®</sup>) and 4 fan-type washers

## Housing - HC-ADV-B10-HLWH-1STM20-EMC-AL - 1413389

### Accessories

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#### Protective cover

Protective covers - HC-B 10-TMS-SD-IP50 - 1690749



Protective cover B10, Clip locking, Protective cover material: PA, Seal: no, With lanyard, Diameter of retaining cord eyelet: 4 mm

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Protective covers - HC-B 10-TMS-SD-IP65 - 1690781



HEAVYCON ADVANCE IP65 protective cover B10, for panel mounting side, with screw locking, with retaining cord, diameter of retaining cord eyelet 3 mm

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#### Screwdriver tools

Screwdriver - SF-BIT-HEXB 5-89 - 1208911



Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173

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Screwdriver - SF-M BH - 1212070



Bit screwdriver, with 1/4" quick-action chuck, handle length 119 mm, 2-component handle, with non-slip grip, suitable for bits according to DIN 3126-C 6.3 and E 6.3/ISO 1173, magnetic

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