

## CH-HFAA-HFAB-06-0100-AH

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



The increasingly networked industrial world goes hand in hand with the modularization of machines and systems. Functions from the control cabinet are increasingly being moved to field level, which drives up the amount of cabling required.

Our ready-for-connection cable assemblies can be used for wiring in field level and for transmitting data or power in various applications. The Plug & Produce solution by Weidmüller are fully tested and will lead to simplification of assembly on your machine. This allows you to focus on your core competencies and further increase your efficiency.

With our broad product portfolio of certified components, we offer you a wide diversification so that we can provide you the perfect solution for your application.

If you cannot find the cable assembly you are looking for despite our continuously growing portfolio, we can also offer you different length variants and customer-specific solutions.

### General ordering data

Version	Heavy duty connector assemblies, Pin, Socket connector, LAPP Ölflex Classic 110, Shielded: No, Number of poles: 6
Order No.	<a href="#">2712240100</a>
Type	CH-HFAA-HFAB-06-0100-AH
GTIN (EAN)	4050118751703
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Net weight	731.48 g
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### Temperatures

Limit temperature	-40 °C ... 80 °C
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### Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	81ca46c4-2930-4739-aa54-e07d33c98f2c

### General Technical Data

Number of poles	6	Pin arrangement	1:1, numbered cores
Nominal voltage	500 V	Nominal current	24 A
Protection degree	IP65		

### Technical Specifications Connector

Connector	Cable entry	angled
	Housing main material	Diecast aluminium
	Series	HE
	Size	3
	Type	Pin
	Individual components connector	<a href="#">HDC 06B TSLU 1M20G</a> , <a href="#">HDC HE 6 MP</a> , <a href="#">H1.5/14 R</a> , <a href="#">VG M20 - MS 68</a>
	Cable entry	angled
	Housing main material	Diecast aluminium
	Series	HE
	Individual components connector	<a href="#">HDC 06B TSLU 1M20G</a> , <a href="#">HDC HE 6 FP</a> , <a href="#">H1.5/14 R</a> , <a href="#">VG M20 - MS 68</a>

### Technical specifications for cable

Cable length	1 m	Line type	LAPP Öflex Classic 110
Sheathing colour	black	Resistance to oils	Yes
Core cross-section	1.5 mm <sup>2</sup>	Number of wires	7
Shielded	No	Halogen	Yes
Insulation	PVC	Temperature range, moving, max.	70 °C
Temperature range, moving, min.	-15 °C	Temperature range, stationary, max.	80 °C
Temperature range, stationary, min.	-40 °C	Bending radius, min., moving	15 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Sheath material	PVC
Outside diameter	8.9 mm		

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### Classifications

ETIM 8.0	EC001576	ETIM 9.0	EC001576
ETIM 10.0	EC001576	ECLASS 14.0	27-06-04-02
ECLASS 15.0	27-06-04-02		

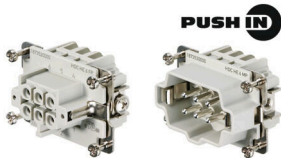
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## Accessories

## Size 3



The PUSH IN connection is a direct-insert method of connection. The preprocessed wire can be inserted directly into the wire connection without the need for any tools.

Number of poles: 6

Rated current: 24 A

Rated voltage: 500 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

## General ordering data

Type	HDC HE 6 MP	Version
Order No.	<a href="#">1873530000</a>	HDC insert, Male, 500 V, 24 A, Number of poles: 6, PUSH IN,
GTIN (EAN)	4032248457786	Installation size: 3
Qty.	1 ST	
Type	HDC HE 6 FP	Version
Order No.	<a href="#">1873520000</a>	HDC insert, Female, 500 V, 24 A, Number of poles: 6, PUSH IN,
GTIN (EAN)	4032248457779	Installation size: 3
Qty.	1 ST	

## Coupling hood



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

## General ordering data

Type	HDC 16D KLU 1PG21G	Version
Order No.	<a href="#">1653230000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190403300	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	high, Size of cable entries: PG 21
Type	HDC 06B KLU 1PG16G	Version
Order No.	<a href="#">1653200000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190403270	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16
Type	HDC 06B KLU 1M25G	Version
Order No.	<a href="#">1021330000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248734948	plugged condition, Coupling housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, Size of cable entries: 1*M25

**Accessories**

**Bulkhead housing**



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**General ordering data**

Type	HDC 06B ADLU N	Version
Order No.	<a href="#">2559320000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, Size of cable entries: none
GTIN (EAN)	4050118652345	
Qty.	1 ST	
Type	HDC 06B ADLU	Version
Order No.	<a href="#">1202500000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, End-locking clamp not replaceable, Standard, with cover, Size of cable entries: none
GTIN (EAN)	4008190889920	
Qty.	1 ST	
Type	HDC 06B ALU	Version
Order No.	<a href="#">1202100000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Side-locking clamp not replaceable, Standard, Size of cable entries: none
GTIN (EAN)	4008190149369	
Qty.	1 ST	
Type	HDC 06B ALU N	Version
Order No.	<a href="#">2488560000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: none
GTIN (EAN)	4050118541502	
Qty.	1 ST	
Type	HDC 06B ALU O-RING	Version
Order No.	<a href="#">1019870000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Bulkhead housing, End-locking clamp, lower side, End-locking clamp not replaceable, Standard, Size of cable entries: none
GTIN (EAN)	4032248731985	
Qty.	1 ST	

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**Accessories**

**Cover**



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings. The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact. The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening. The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned. Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

**General ordering data**

Type	HDC 06B DMDL 1LB	Version	
Order No.	<a href="#">1665210000</a>		HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190421915		plugged condition, Cover for upper part of housing, End-locking
Qty.	1 ST		clamp, lower side, Standard, Size of cable entries: none

**Base housing**



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings. The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact. The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening. The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned. Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

**General ordering data**

Type	HDC 06B SDLU 1M20G	Version	
Order No.	<a href="#">1900360000</a>		HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248585922		plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST		Standard, with cover, Size of cable entries: M 20
Type	HDC 06B SDLU 1M25G	Version	
Order No.	<a href="#">1900380000</a>		HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248592913		plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST		Standard, with cover, Size of cable entries: M 25

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## Accessories

Type	HDC 06B SDLU 1PG16G	Version
Order No.	<a href="#">1652980000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 16
GTIN (EAN)	4008190403058	
Qty.	1 ST	
Type	HDC 06B SDLU 2M20G	Version
Order No.	<a href="#">1788170000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 20
GTIN (EAN)	4032248205608	
Qty.	1 ST	
Type	HDC 06B SDLU 2M25G	Version
Order No.	<a href="#">1788160000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 25
GTIN (EAN)	4032248205592	
Qty.	1 ST	
Type	HDC 06B SDLU 2PG16G	Version
Order No.	<a href="#">1652990000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 16
GTIN (EAN)	4008190403065	
Qty.	1 ST	
Type	HDC 06B SLU 1M20G	Version
Order No.	<a href="#">1900460000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: M 20
GTIN (EAN)	4032248585939	
Qty.	1 ST	
Type	HDC 06B SLU 1M25G	Version
Order No.	<a href="#">1900480000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: M 25
GTIN (EAN)	4032248585946	
Qty.	1 ST	
Type	HDC 06B SLU 1PG16G	Version
Order No.	<a href="#">1652750000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: PG 16
GTIN (EAN)	4008190402822	
Qty.	1 ST	
Type	HDC 06B SLU 2M20G	Version
Order No.	<a href="#">1788140000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: M 20
GTIN (EAN)	4032248205585	
Qty.	1 ST	
Type	HDC 06B SLU 2M25G	Version
Order No.	<a href="#">1788130000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: M 25
GTIN (EAN)	4032248205578	
Qty.	1 ST	
Type	HDC 06B SLU 2PG16G	Version
Order No.	<a href="#">1652760000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, Standard, without cover, Size of cable entries: PG 16
GTIN (EAN)	4008190402839	
Qty.	1 ST	
Type	HDC 16D SDLU 1M25G	Version
Order No.	<a href="#">1900820000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25
GTIN (EAN)	4032248521098	
Qty.	1 ST	
Type	HDC 16D SDLU 2M25G	Version
Order No.	<a href="#">1787540000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, high, with cover, Size of cable entries: M 25
GTIN (EAN)	4032248204885	
Qty.	1 ST	
Type	HDC 16D SLU 1M25G	Version
Order No.	<a href="#">1900880000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in plugged condition, Base housing, End-locking clamp, lower side, high, without cover, Size of cable entries: M 25
GTIN (EAN)	4032248521111	
Qty.	1 ST	

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## Accessories

Type	HDC 16D SLU 1M32G	Version
Order No.	<a href="#">1900900000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248521128	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	without cover, Size of cable entries: M 32
Type	HDC 16D SLU 2M25G	Version
Order No.	<a href="#">1787520000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248204861	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	without cover, Size of cable entries: M 25
Type	HDC 16D SLU 2M32G	Version
Order No.	<a href="#">1787510000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248204854	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	without cover, Size of cable entries: M 32
Type	HDC 16D SLU 2PG21G	Version
Order No.	<a href="#">1652840000</a>	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190402914	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	without cover, Size of cable entries: PG 21