Data sheet

CH-HEAA-HEAB-06-0200-AH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product similar to the picture

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 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 BK 7G1.5 or similar, Shielded: No, Number of poles: 6
Order No.	2710660200
Type	CH-HEAA-HEAB-06-0200-AH
GTIN (EAN)	4050118751451
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	1072.25 g

Temperatures

Limit temperature	-40 °C ... 80 °C

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	Protection degree	IP65

Technical Specifications Connector

Connector	Connector description	Connector 1
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	6
	Series	HE
	Size	3
	Type	Pin
	Individual components connector	HDC 06B TOLU 1M20G, HDC HE 6 MP, H1,5/14 R, VG M20 - MS 68
	Connector description	Connector 2
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	6
	Series	HE
	Size	3
	Type	Female
	Individual components connector	HDC 06B TOLU 1M20G, HDC HE 6 FP, H1,5/14 R, VG M20 - MS 68

Technical specifications for cable

Cable length	2 m	Line type	Lapp ÖLFLEX® CLASSIC 110 BK 7G1.5 or similar
Sheathing colour	black	Core cross-section	1.5 mm²
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
Bending radius, min., moving	10 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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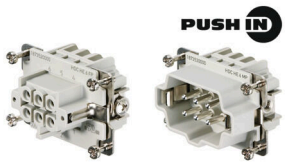
Accessories

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.	1873530000	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.	1873520000	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.	1653230000	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.	1653200000	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.	1021330000	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

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Accessories

Bulkhead housing

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General ordering data

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

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Accessories

Cover

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

Type	HDC 06B DMDL 1LB	Version
Order No.	1665210000	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.
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General ordering data

Type	HDC 06B SDLU 1M20G	Version
Order No.	1900360000	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.	1900380000	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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Type	HDC 06B SDLU 1PG16G	Version
Order No.	1652980000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190403058	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, with cover, Size of cable entries: PG 16
Type	HDC 06B SDLU 2M20G	Version
Order No.	1788170000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248205608	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 2M25G	Version
Order No.	1788160000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248205592	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, with cover, Size of cable entries: M 25
Type	HDC 06B SDLU 2PG16G	Version
Order No.	1652990000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190403065	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, with cover, Size of cable entries: PG 16
Type	HDC 06B SLU 1M20G	Version
Order No.	1900460000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248585939	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, without cover, Size of cable entries: M 20
Type	HDC 06B SLU 1M25G	Version
Order No.	1900480000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248585946	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, without cover, Size of cable entries: M 25
Type	HDC 06B SLU 1PG16G	Version
Order No.	1652750000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190402822	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, without cover, Size of cable entries: PG 16
Type	HDC 06B SLU 2M20G	Version
Order No.	1788140000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248205585	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, without cover, Size of cable entries: M 20
Type	HDC 06B SLU 2M25G	Version
Order No.	1788130000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248205578	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, without cover, Size of cable entries: M 25
Type	HDC 06B SLU 2PG16G	Version
Order No.	1652760000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4008190402839	plugged condition, Base housing, End-locking clamp, lower side,
Qty.	1 ST	Standard, without cover, Size of cable entries: PG 16
Type	HDC 16D SDLU 1M25G	Version
Order No.	1900820000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248521098	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	with cover, Size of cable entries: M 25
Type	HDC 16D SDLU 2M25G	Version
Order No.	1787540000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248204885	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	with cover, Size of cable entries: M 25
Type	HDC 16D SLU 1M25G	Version
Order No.	1900880000	HDC enclosures, Installation size: 3, Protection degree: IP65, in
GTIN (EAN)	4032248521111	plugged condition, Base housing, End-locking clamp, lower side, high,
Qty.	1 ST	without cover, Size of cable entries: M 25

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Type	HDC 16D SLU 1M32G	Version
Order No.	1900900000	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.	1787520000	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.	1787510000	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.	1652840000	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