

CH-HIAA-HIAB-16-0500-AF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

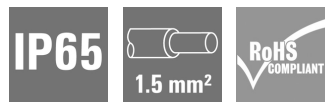
Product similar to illustration

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 18G1.5 or similar, Shielded: No
Order No.	2712330500
Type	CH-HIAA-HIAB-16-0500-AF
GTIN (EAN)	4050118751024
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	2,308.672 g
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Temperatures

Limit temperature	-40 °C ... 80 °C
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Technical specifications for cable

Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	5	Core cross-section	1.5 mm ²
Halogen	Yes	Insulation	PVC
Number of wires	18	Outside diameter	14.4 mm
Sheath material	PVC	Sheathing colour	black
Shielded	No	Temperature range, moving	-15...70 °C
Temperature range, stationary	-40...80 °C		

General technical data

Protection degree	IP65	Rated voltage	500 V
Version	Pin, Socket connector		

General Technical Data

Pin arrangement	1:1, numbered cores	Protection degree	IP65
Rated voltage	500 V		

Technical Specifications Connector

Connector	Connector description	Connector 1
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	16
	Series	HE
	Size	6
	Type	Pin
	Individual components connector	HDC 16B TOBU 1M25G HDC HE 16 MP H1.5/14 R VGM25-MS68 11-20 BG
	Connector description	Connector 2
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	16
	Series	HE
	Size	6
	Type	Female
	Individual components connector	HDC 16B TOBU 1M25G HDC HE 16 FP H1.5/14 R VGM25-MS68 11-20 BG

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www.weidmueller.com**Technical data****Technical specifications for cable**

Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	5	Core cross-section	1.5 mm ²
Halogen	Yes	Insulation	PVC
Line type	Lapp ÖLFLEX® CLASSIC 110 BK 18G1.5 or similar	Number of wires	18
Outside diameter	14.4 mm	Sheath material	PVC
Sheathing colour	black	Shielded	No
Temperature range, moving	-15...70 °C	Temperature range, moving, max.	70 °C
Temperature range, moving, min.	-15 °C	Temperature range, stationary	-40...80 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40 °C

Classifications

ETIM 6.0	EC001576	ETIM 7.0	EC001576
ETIM 8.0	EC001576	ETIM 9.0	EC001576
ECLASS 9.0	27-06-04-02	ECLASS 9.1	27-06-91-90
ECLASS 10.0	27-06-04-02	ECLASS 11.0	27-06-04-02
ECLASS 12.0	27-06-04-02	ECLASS 13.0	27-06-04-02

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	ef244396-ddde-4d05-9b64-973eef6c7a15

Approvals

ROHS	Conform
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Downloads

Catalogues	Catalogues in PDF-format
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Accessories

Bulkhead 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 16B ABU N	Version
Order No.	2488590000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4050118541526	
Qty.	1 pc(s).	
Type	HDC 16B ABU	Version
Order No.	1208600000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp not replaceable, Standard
GTIN (EAN)	4008190881351	
Qty.	1 pc(s).	

Coupling hood



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

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

General ordering data

Type	HDC 40D KBU 1M32G	Version
Order No.	1787190000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204533	
Qty.	1 pc(s).	

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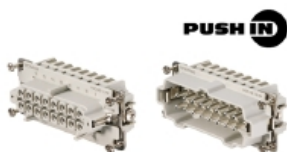
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Accessories

Type	HDC 40D KBU 1M25G N	Version
Order No.	2559890000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4050118676440	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1M32G N	Version
Order No.	2559900000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4050118673265	
Qty.	1 pc(s).	
Type	HDC 40D KBU 2M32G N	Version
Order No.	2545510000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4050118558333	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1M25G	Version
Order No.	1787200000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204540	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1PG21G	Version
Order No.	1657310000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190410360	
Qty.	1 pc(s).	
Type	HDC 40D KBU 1PG29G	Version
Order No.	1967670000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4032248670178	
Qty.	1 pc(s).	
Type	HDC 16B KBU 1PG21G	Version
Order No.	1657270000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Coupling housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190410322	
Qty.	1 pc(s).	

Size 6



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: **16**

Rated current: **16 A**

Rated voltage: **500 V**

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

PUSH IN technology

General ordering data

Type	HDC HE 16 MP	Version
Order No.	1873570000	HDC insert, Male, 500 V, 16 A, Number of poles: 16, PUSH IN, Size: 6
GTIN (EAN)	4032248458189	
Qty.	1 pc(s).	
Type	HDC HE 16 FP	Version
Order No.	1873560000	HDC insert, Female, 500 V, 16 A, Number of poles: 16, PUSH IN, Size: 6
GTIN (EAN)	4032248458172	
Qty.	1 pc(s).	

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Accessories

Cover



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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 16B DMDQ 2QB	Version
Order No.	1665270000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cover for upper part of housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4008190421977	
Qty.	1 pc(s).	

Base housing



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

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

General ordering data

Type	HDC 16B SBU 1M25G	Version
Order No.	1899980000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4032248520718	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2PG21G	Version
Order No.	1656810000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4008190409821	
Qty.	1 pc(s).	

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Accessories

Type	HDC 40D SBU 2M25G	Version
Order No.	1787120000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 25
GTIN (EAN)	4032248204465	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1M25G N	Version
Order No.	2560740000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4050118673234	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2PG21G N	Version
Order No.	2560950000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4050118676921	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2PG29G	Version
Order No.	1656840000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190409852	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1PG21G N	Version
Order No.	2560940000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4050118676716	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2M25G N	Version
Order No.	2561020000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118676914	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1M32G	Version
Order No.	1902990000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248592968	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1M32G N	Version
Order No.	2561030000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118676464	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2M25G N	Version
Order No.	2560930000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 25
GTIN (EAN)	4050118673531	
Qty.	1 pc(s).	
Type	HDC 40D SBU 2M32G	Version
Order No.	1787110000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: M 32
GTIN (EAN)	4032248204458	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1PG29G N	Version
Order No.	2560770000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 21
GTIN (EAN)	4050118893595	
Qty.	1 pc(s).	
Type	HDC 40D SBU 1PG29G	Version
Order No.	1656830000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29
GTIN (EAN)	4008190409845	
Qty.	1 pc(s).	
Type	HDC 16B SBU 1PG21G	Version
Order No.	1656720000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21
GTIN (EAN)	4008190409739	
Qty.	1 pc(s).	

Creation date July 5, 2024 3:51:02 AM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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Type	HDC 16B SBU 2PG21G	Version
Order No.	1656730000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged
GTIN (EAN)	4008190409746	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: PG 21
Type	HDC 16B SBU 2M25G	Version
Order No.	1788240000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248205776	condition), Base housing, Side-locking clamp on lower side, Standard,
Qty.	1 pc(s).	Size of cable entries: M 25
Type	HDC 40D SBU 1M25G	Version
Order No.	1902970000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged
GTIN (EAN)	4032248592951	condition), Base housing, Side-locking clamp on lower side, high, Size
Qty.	1 pc(s).	of cable entries: M 25
Type	HDC 40D SBU 2M32G N	Version
Order No.	2561040000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged
GTIN (EAN)	4050118676457	condition), Base housing, Side-locking clamp on lower side, high, Size
Qty.	1 pc(s).	of cable entries: PG 21