

CH-HIAC-HIAD-06-0100-AC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Helukabel JZ-600 7G4 or similar, Shielded: No, Number of poles: 6
Order No.	2712310100
Type	CH-HIAC-HIAD-06-0100-AC
GTIN (EAN)	4050118751437
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 1,106.64 g

Temperatures

Limit temperature -40 °C ... 80 °C

Technical specifications for cable

Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	1	Core cross-section	4 mm ²
Halogen	Yes	Insulation	PVC
Number of poles	6	Number of wires	7
Outside diameter	15.8 mm	Sheath material	PVC
Sheathing colour	black	Shielded	No
Temperature range, moving	-15...80 °C	Temperature range, stationary	-40...80 °C

General technical data

Protection degree	IP65	Rated voltage	400 V
Version	Pin, Socket connector		

General Technical Data

Number of poles	6	Pin arrangement	1:1, numbered cores
Protection degree	IP65	Rated voltage	400 V

Technical Specifications Connector

Connector	Connector description	Connector 1
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	6
	Series	HSB
	Size	6
	Type	Pin
	Individual components connector	HDC 16B TOBU 1M25G HDC HSB 6 MS H4,0/18D GR VGM25-MS68 11-20 BG
	Connector description	Connector 2
	Cable entry	straight
	Housing main material	Diecast aluminium
	Number of poles	6
	Series	HSB
	Size	6
Type	Female	
Individual components connector	HDC 16B TOBU 1M25G HDC HSB 6 FS H4,0/18D GR VGM25-MS68 11-20 BG	

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Technical data

Technical specifications for cable

Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	1	Core cross-section	4 mm ²
Halogen	Yes	Insulation	PVC
Line type	Helukabel JZ-600 7G4 or similar	Number of wires	7
Outside diameter	15.8 mm	Sheath material	PVC
Sheathing colour	black	Shielded	No
Temperature range, moving	-15...80 °C	Temperature range, moving, max.	80 °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
ECLASS 14.0	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
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl, 6c

Approvals

ROHS	Conform
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Downloads

Catalogues	Catalogues in PDF-format
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Accessories

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 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 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 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 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 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 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).	
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 2M32G N	Version
Order No.	2561040000	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)	4050118676457	
Qty.	1 pc(s).	

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Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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Accessories

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 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 16B SBU 2PG21G	Version
Order No.	1656730000	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)	4008190409746	
Qty.	1 pc(s).	
Type	HDC 16B SBU 2M25G	Version
Order No.	1788240000	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)	4032248205776	
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 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	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).	
Type	HDC 40D SBU 1M25G	Version
Order No.	1902970000	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)	4032248592951	
Qty.	1 pc(s).	
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 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 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).	

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Accessories

Bulkhead housing



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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 ABU N	Version	
Order No.	2488590000	HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side,	
GTIN (EAN)	4050118541526	Standard	
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



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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,	
GTIN (EAN)	4032248204533	Size of cable entries: M 32	
Qty.	1 pc(s).		

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Accessories

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 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 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).	
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 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 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 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).	

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Accessories

Cover



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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).	

Size 6



The HSB series enables you to carry 35A per contact simultaneously. Assembled with screw connections, for secure and reliable connections.

The wire connection level is designed as a screw element. All screw connections are equipped with a wire protection spring.

Number of poles: **6**

Rated current: **35 A**

Rated voltage: **400 V**

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

Screw connection

General ordering data

Type	HDC HSB 6 FS	Version
Order No.	1498900000	HDC insert, Female, 400 V, 35 A, Number of poles: 6, Screw connection, Size: 6
GTIN (EAN)	4008190071417	
Qty.	1 pc(s).	
Type	HDC HSB 6 MS	Version
Order No.	1498700000	HDC insert, Male, 400 V, 35 A, Number of poles: 6, Screw connection, Size: 6
GTIN (EAN)	4008190035136	
Qty.	1 pc(s).	