

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 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 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 pc(s). |

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Technical data

Dimensions and weights

Net weight 1,072.25 g

Temperatures

Limit temperature -40 °C ... 80 °C

General Technical Data

| | | | |
|-------------------|------|-----------------|---------------------|
| Number of poles | 6 | 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 | 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 |
| | 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

| | | | |
|-------------------------------------|--|-------------------------------------|---------------------|
| Bending radius, min., moving | 10 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Cable length | 2 m | Core cross-section | 1.5 mm ² |
| Halogen | Yes | Insulation | PVC |
| Line type | Lapp ÖLFLEX® CLASSIC 110 BK 7G1.5 or similar | Number of wires | 7 |
| Outside diameter | 8.9 mm | Sheath material | PVC |
| Sheathing colour | black | Shielded | No |
| Temperature range, moving, max. | 70 °C | Temperature range, moving, min. | -15 °C |
| Temperature range, stationary, max. | 80 °C | Temperature range, stationary, min. | -40 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001576 | ETIM 7.0 | EC001576 |
| ETIM 8.0 | EC001576 | ETIM 9.0 | EC001576 |
| ETIM 10.0 | 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 |
| ECLASS 15.0 | 27-06-04-02 | | |

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Technical data**Environmental Product Compliance**

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

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

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 06B ALU O-RING | Version |
| Order No. | 1019870000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, End-locking clamp not replaceable, Standard |
| GTIN (EAN) | 4032248731985 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B ALU N | Version |
| Order No. | 2488560000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, without cover |
| GTIN (EAN) | 4050118541502 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B ADLU N | Version |
| Order No. | 2559320000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard |
| GTIN (EAN) | 4050118652345 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B ADLU | Version |
| Order No. | 1202500000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, End-locking clamp not replaceable, Standard, with cover |
| GTIN (EAN) | 4008190889920 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B ALU | Version |
| Order No. | 1202100000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Side-locking clamp not replaceable, Standard |
| GTIN (EAN) | 4008190149369 | |
| Qty. | 1 pc(s). | |

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Accessories

Base housing



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 06B SLU 2PG16G | Version |
| Order No. | 1652760000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SLU 1M25G | Version |
| Order No. | 1900480000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SLU 1PG16G | Version |
| Order No. | 1652750000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SLU 1M20G | Version |
| Order No. | 1900460000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SDLU 1PG16G | Version |
| Order No. | 1652980000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SDLU 1M25G | Version |
| Order No. | 1900380000 | HDC enclosures, 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) | 4032248592913 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16D SLU 2PG21G | Version |
| Order No. | 1652840000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, without cover, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190402914 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B SLU 2M25G | Version |
| Order No. | 1788130000 | HDC enclosures, 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 pc(s). | |

Creation date June 14, 2025 6:04:13 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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| Type | HDC 06B SDLU 2M25G | Version |
| Order No. | 1788160000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 16D SLU 1M32G | Version |
| Order No. | 1900900000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, without cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248521128 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B SDLU 2PG16G | Version |
| Order No. | 1652990000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 16D SDLU 2M25G | Version |
| Order No. | 1787540000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SDLU 1M20G | Version |
| Order No. | 1900360000 | HDC enclosures, 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) | 4032248585922 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16D SLU 1M25G | Version |
| Order No. | 1900880000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 06B SDLU 2M20G | Version |
| Order No. | 1788170000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 16D SLU 2M25G | Version |
| Order No. | 1787520000 | HDC enclosures, 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) | 4032248204861 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16D SLU 2M32G | Version |
| Order No. | 1787510000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, high, without cover, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204854 | |
| Qty. | 1 pc(s). | |
| Type | HDC 06B SLU 2M20G | Version |
| Order No. | 1788140000 | HDC enclosures, 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 pc(s). | |
| Type | HDC 16D SDLU 1M25G | Version |
| Order No. | 1900820000 | HDC enclosures, 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 pc(s). | |

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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**
 PUSH IN technology

General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC HE 6 FP | Version |
| Order No. | 1873520000 | HDC insert, Female, 500 V, 24 A, Number of poles: 6, PUSH IN, Size: 3 |
| GTIN (EAN) | 4032248457779 | |
| Qty. | 1 pc(s). | |
| Type | HDC HE 6 MP | Version |
| Order No. | 1873530000 | HDC insert, Male, 500 V, 24 A, Number of poles: 6, PUSH IN, Size: 3 |
| GTIN (EAN) | 4032248457786 | |
| Qty. | 1 pc(s). | |

Coupling hood



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 06B KLU 1M25G | Version |
| Order No. | 1021330000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 16 |
| GTIN (EAN) | 4032248734948 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16D KLU 1PG21G | Version |
| Order No. | 1653230000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged condition), Coupling housing, End-locking clamp, lower side, high, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190403300 | |
| Qty. | 1 pc(s). | |

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|------------|----------------------------|--|
| Type | HDC 06B KLU 1PG16G | Version |
| Order No. | 1653200000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged |
| GTIN (EAN) | 4008190403270 | condition), Coupling housing, End-locking clamp, lower side, Standard, |
| Qty. | 1 pc(s). | Size of cable entries: PG 16 |

Cover



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 06B DMDL 1LB | Version |
| Order No. | 1665210000 | HDC enclosures, Size: 3, Protection degree: IP65 (in plugged |
| GTIN (EAN) | 4008190421915 | condition), Cover for upper part of housing, End-locking clamp, lower |
| Qty. | 1 pc(s). | side, Standard |