Data sheet

Weidmüller ⟩⟨

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

CH-HGAB-XXXX-10-0200-AE

IP65   **1.5 mm²**   **RoHS COMPLIANT**

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, Socket connector, LAPP Ölflex Classic 110, Shielded: No, Number of poles: 10
Order No.	2712290200
Type	CH-HGAB-XXXX-10-0200-AE
GTIN (EAN)	4050118750584
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Diameter	12 mm	Net weight	918.19 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	10	Pin arrangement	1:1, numbered cores
Nominal voltage	500 V	Nominal current	16 A
Protection degree	IP65		

Technical Specifications Connector

Connector			
	Connector description	Connector 1	
	Cable entry	straight	
	Housing main material	Diecast aluminium	
	Number of poles	10	
	Series	HE	
	Size	4	
	Type	Female	
	Individual components connector	HDC 10B TOBU 1M25G, HDC HE 10 FP, H1,5/14 R, VGM25-MS68 11-20 BG	

Technical specifications for cable

Cable length	2 m	Line type	LAPP Ölflex Classic 110
Sheathing colour	black	Resistance to oils	Yes
Core cross-section	1.5 mm²	Number of wires	12
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

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 4

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: 10
Rated current: 16 A
Rated voltage: 500 V
Nominal voltage acc. to UL/CSA: 600 V AC/DC

General ordering data

Type	HDC HE 10 MP	Version	
Order No.	1873550000	HDC insert, Male, 500 V, 16 A, Number of poles: 10, PUSH IN,	
GTIN (EAN)	4032248458165	Installation size: 4	
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 10B KBU 1PG16G	Version	
Order No.	1654580000	HDC enclosures, Installation size: 4, Protection degree: IP65, in	
GTIN (EAN)	4008190407407	plugged condition, Coupling housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: PG 16	
Type	HDC 10B KBU 1M25G	Version	
Order No.	1021250000	HDC enclosures, Installation size: 4, Protection degree: IP65, in	
GTIN (EAN)	4032248736232	plugged condition, Coupling housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: M 25	
Type	HDC 10B KBU 1M20G	Version	
Order No.	1787720000	HDC enclosures, Installation size: 4, Protection degree: IP65, in	
GTIN (EAN)	4032248205066	plugged condition, Coupling housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: M 20	

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Accessories

Bulkhead housing

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General ordering data

Type	HDC 10B ABU	Version	
Order No.	1205000000	HDC enclosures, Installation size: 4, Protection degree: IP65, in	
GTIN (EAN)	4008190872960	plugged condition, Bulkhead housing, Side-locking clamp on lower	
Qty.	1 ST	side, Side-locking clamp not replaceable, Standard, Size of cable	
		entries: none	
Type	HDC 10B ABU N	Version	
Order No.	2488580000	HDC enclosures, Installation size: 4, Protection degree: IP65, in	
GTIN (EAN)	4050118541519	plugged condition, Bulkhead housing, Side-locking clamp on lower	
Qty.	1 ST	side, Standard, Size of cable entries: none	

Cover

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General ordering data

Type	HDC 10B DMDQ 2QB	Version	
Order No.	1665240000	HDC enclosures, Installation size: 4, Protection degree: IP65, in	
GTIN (EAN)	4008190421946	plugged condition, Cover for upper part of housing, Side-locking	
Qty.	1 ST	clamp on lower side, Standard, Size of cable entries: none	

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Accessories

Base housing

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General ordering data

Type	HDC 10B SBU 1PG16G	Version
Order No.	1654370000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407193	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16
Type	HDC 10B SBU 2PG16G	Version
Order No.	1654380000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407209	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: PG 16
Type	HDC 24D SBU 2PG21G	Version
Order No.	1654450000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407278	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: PG 21
Type	HDC 24D SBU 1PG29G	Version
Order No.	1654470000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4008190407292	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: PG 29
Type	HDC 24D SBU 2M25G	Version
Order No.	1787350000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204694	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 25
Type	HDC 24D SBU 2M32G	Version
Order No.	1787360000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204700	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32
Type	HDC 10B SBU 2M25G	Version
Order No.	1787630000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204977	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 10B SBU 2M20G	Version
Order No.	1787640000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248204984	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 20

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Accessories

Type	HDC 10B SBU 1M20G	Version
Order No.	1901360000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248588237	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 20
Type	HDC 10B SBU 1M25G	Version
Order No.	1901370000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248588244	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	Standard, Size of cable entries: M 25
Type	HDC 24D SBU 1M25G	Version
Order No.	1903210000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248592999	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 25
Type	HDC 24D SBU 1M32G	Version
Order No.	1903220000	HDC enclosures, Installation size: 4, Protection degree: IP65, in
GTIN (EAN)	4032248588183	plugged condition, Base housing, Side-locking clamp on lower side,
Qty.	1 ST	high, Size of cable entries: M 32