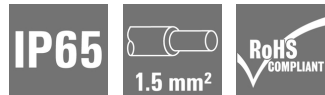


CH-HIAA-HIAB-16-0100-AF**Weidmüller Interface GmbH & Co. KG**

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 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, Series: HE, Size: 6, Pin, Socket connector, Lapp ÖLFLEX® CLASSIC 110 BK 18G1.5 or similar, Shielded: No, Number of poles: 16
Order No.	2712330100
Type	CH-HIAA-HIAB-16-0100-AF
GTIN (EAN)	4050118751109
Qty.	1 pc(s).

CH-HIAA-HIAB-16-0100-AF

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Technical data

Dimensions and weights

Net weight	1,099.672 g
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Temperatures

Limit temperature	-40 °C ... 80 °C
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Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
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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	1 m	Core cross-section	1.5 mm ²
Halogen	Yes	Insulation	PVC
Number of poles	16	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

Number of poles	16	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

Technical specifications for cable

Bending radius, min., moving	10 x cable diameter
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Creation date April 16, 2021 8:39:09 AM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

CH-HIAA-HIAB-16-0100-AF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data**

Bending radius, min., stationary	4 x cable diameter	
Cable length	1 m	
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	Diameter	14.4 mm
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
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

Approvals

ROHS	Conform
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Downloads

Brochure/Catalogue	Catalogues in PDF-format
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