

HDC-C-HD-B-LWL1.0POF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Fibre optic cables guarantee transmission that is non-interacting and disturbance-free.

The new fibre optic contacts can now also be used in heavy-duty connectors. Their shape corresponds to that of our proven HD contacts, for connecting conventional copper wires. Accordingly, they can be assembled in existing connectors of the HD series, as well as being suitable for use with the ConConcept modular system.

It is even possible to connect fibre-optic wires and copper wires in a single connector.

General ordering data

Version	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 1, turned, Copper alloy
Order No.	1773640000
Type	HDC-C-HD-B-LWL1.0POF
GTIN (EAN)	4032248142743
Qty.	10 pc(s).

Creation date March 12, 2024 4:23:07 PM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Diameter	3.5 mm	Net weight	0.9 g
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General data

Conductor cross-section, max.	1 mm ²	Contact diameter, male Ø	1.6 mm
Contact material	Copper alloy	Cross-section for connected wire	1 mm ²
Material	Copper alloy	Production methods	turned
Stripping length, rated connection	14 mm	Surface finish	silver
Type	Female	Type of connection	Crimp connection
Version insert	HD, HDD, HQ, MixMate		

Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ECLASS 9.0	27-44-02-04	ECLASS 9.1	27-44-02-04
ECLASS 10.0	27-44-02-04	ECLASS 11.0	27-44-02-04
ECLASS 12.0	27-44-02-04	ECLASS 13.0	27-44-02-04

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6eabd5ae-2d6b-409e-8bdf-87c27ee10e40

Approvals

ROHS	Conform
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Downloads

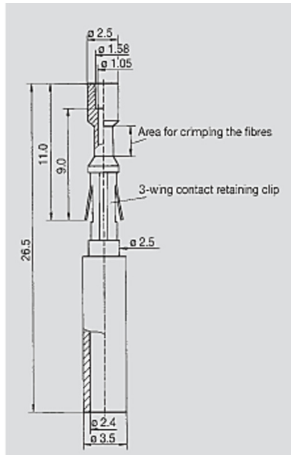
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

Contact removal tools



Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

Type	REMOVAL TOOL HD	Version
Order No.	1866730000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437054	
Qty.	1 pc(s).	

...for fibre-optic cable with polymer optic fibres (POF)



Crimping and stripping tools for processing the fibre-optic-cable contacts of polymer optical fibres (POF)

General ordering data

Type	HTX-HDC/POF	Version
Order No.	9010950000	Crimping tool for contacts, 1mm ² , 1mm ² , FoderBcrimp
GTIN (EAN)	4032248331543	
Qty.	1 pc(s).	
Type	AM LWL/POF	Version
Order No.	9020360000	Tools, Sheathing strippers
GTIN (EAN)	4032248300556	
Qty.	1 pc(s).	
Type	PB LWL/POF	Version
Order No.	9020400000	Tools, Polishing sheet
GTIN (EAN)	4032248300587	
Qty.	1 pc(s).	
Type	PS LWL/POF	Version
Order No.	9020390000	Tools, Polishing wheel
GTIN (EAN)	4032248300570	
Qty.	1 pc(s).	

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Accessories**Cutting tools**

Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

General ordering data

Type	KT 8	Version
Order No.	9002650000	Cutting tools, Cutting tool for one-hand operation
GTIN (EAN)	4008190020163	
Qty.	1 pc(s).	