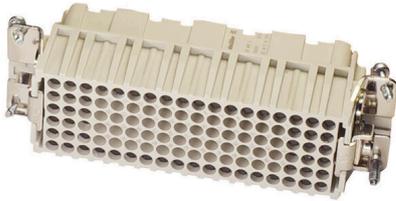


**HDC HDD 48 FC EX 1500****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The option of separating cables in Zone 2 that comply with the following approvals ATEX: T II 3G Ex ec IIC T6 Gc or IECEX: Ex ec IIC T6 Gc simplifies installation, service and enables better preparation. The approved connectors offered here must always be used complete with the corresponding approved housings and inserts and may only be disconnected without load.

**General ordering data**

Version	HDC insert, Female, 1500 V, Number of poles: 48, Crimp connection, Installation size: 8
Order No.	<a href="#">3116690000</a>
Type	HDC HDD 48 FC EX 1500
GTIN (EAN)	4099987235914
Qty.	1 items

**HDC HDD 48 FC EX 1500**

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**Technical data**

**Approvals**

Approvals



UL File Number Search [UL Website](#)  
 Certificate No. (cURus) E92202

**Dimensions and weights**

Depth	34 mm	Depth (inches)	1.3386 inch
Height	36 mm	Height (inches)	1.4173 inch
Width	84 mm	Width (inches)	3.3071 inch
Diameter	1.6 mm	Net weight	97.7 g

**Temperatures**

Limit temperature -20 °C ... 40 °C

**Environmental Product Compliance**

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Chemical resistance	Substance	Acetone
	Chemical resistance	Resistant
	Substance	Ammonia, watery
	Chemical resistance	Conditionally resistant
	Substance	Petrol
	Chemical resistance	Resistant
	Substance	Benzene
	Chemical resistance	Resistant
	Substance	Diesel oil
	Chemical resistance	Conditionally resistant
	Substance	Acetic acid, concentrated
	Chemical resistance	Resistant
	Substance	Potassium hydroxide
	Chemical resistance	Conditionally resistant
	Substance	Methanol
	Chemical resistance	Conditionally resistant
	Substance	Motor oil
	Chemical resistance	Conditionally resistant
	Substance	Lye, diluted
	Chemical resistance	Resistant
Substance	Hydrochlorofluorocarbons	
Chemical resistance	Conditionally resistant	
Substance	Outdoor use	
Chemical resistance	Conditionally resistant	

**Dimensions**

Width 84 mm

**General data**

Number of poles	48	Type of connection	Crimp connection
Installation size	8	UL 94 flammability rating	V-0

Creation date 03.03.2026 02:53:31 MEZ

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## Technical data

Colour	grey	Insulating material	Polycarbonate
Surface finish	Miscellaneous	Type	Female
Basic material	Polycarbonate	Series	HDD
Rated voltage (DIN EN 61984)	1500 V	Free from halogens	false
BG	8	Number of signal contacts	0
Number of power contacts	48	Protection degree	IP55

## Rating data IECEx/ATEX

Certificate No. (IECEX)	TUEV24ATEX9197X	Current (IECEX)	3 A
Current (ATEX)	3 A	Certificate No. (ATEX)	IECEXTUR24.0077X
Wire cross section max. (IECEX)	2.5 mm <sup>2</sup>	Max. voltage (ATEX)	250 V
Wire cross section max. (ATEX)	2.5 mm <sup>2</sup>	Max. voltage (IECEX)	250 V

## Connection data PE

Connection type PE	Crimp connection
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## Version

Stripping length, rated connection	8 mm	Type of connection	Crimp connection
Installation size	8	Conductor cross-section, max.	2.5 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Surface finish	Miscellaneous
Basic material	Polycarbonate	BG	8

## Classifications

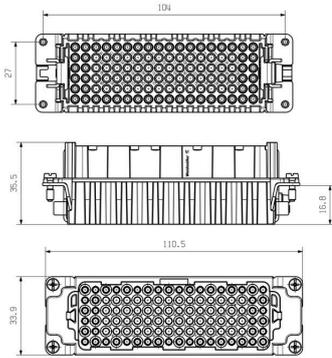
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

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**Drawings**

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**Accessories**

**DSTV**



Various accessories are available for our inserts. This includes coding elements for the inserts.

**General ordering data**

Type	DSTV COBU5	Version
Order No.	<a href="#">1471500000</a>	Heavy-duty connectors, Accessories, Coding element
GTIN (EAN)	4008190178543	
Qty.	100 ST	

Type	DSTV COST4	Version
Order No.	<a href="#">1471300000</a>	Heavy-duty connectors, Accessories, Coding System
GTIN (EAN)	4008190017354	
Qty.	100 ST	

**Crimp contacts HD**



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

**General ordering data**

Type	HDC-C-HD-BM0.14-0.37AG	Version
Order No.	<a href="#">1651570000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 0.37, turned, Copper alloy
GTIN (EAN)	4008190400248	
Qty.	100 ST	

Type	HDC-C-HD-BM0.14-0.37AU	Version
Order No.	<a href="#">1651670000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 0.37, turned, Copper alloy
GTIN (EAN)	4008190400347	
Qty.	100 ST	

Type	HDC-C-HD-BM0.5AG	Version
Order No.	<a href="#">1651580000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
GTIN (EAN)	4008190400255	
Qty.	100 ST	

Type	HDC-C-HD-BM0.5AU	Version
Order No.	<a href="#">1651680000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
GTIN (EAN)	4008190400354	
Qty.	100 ST	

## HDC HDD 48 FC EX 1500

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## Accessories

Type	HDC-C-HD-BM0.75-1.00AG	Version
Order No.	<a href="#">1601760000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190158354	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM0.75-1.00AU	Version
Order No.	<a href="#">1651690000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400361	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM1.5AG	Version
Order No.	<a href="#">1651600000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400279	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM1.5AU	Version
Order No.	<a href="#">1651700000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400378	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM2.5AG	Version
Order No.	<a href="#">1651610000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400286	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-BM2.5AU	Version
Order No.	<a href="#">1651710000</a>	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400385	Female, Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	

## Size 8 (24B)



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## General ordering data

Type	HDC 24B AS ATEX	Version
Order No.	<a href="#">3139930000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Bulkhead
GTIN (EAN)	4099987382298	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	none
Type	HDC 24B SS 1M40G ATEX	Version
Order No.	<a href="#">3139880000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Base
GTIN (EAN)	4099987382243	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	M 40
Type	HDC 24B SS 2M40G ATEX	Version
Order No.	<a href="#">3139890000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Base
GTIN (EAN)	4099987382250	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	M 40

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## Accessories

Type	HDC 24B TOS 1M32G ATEX	Version
Order No.	<a href="#">3140010000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Plug
GTIN (EAN)	4099987382373	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	M 32
Type	HDC 24B TOS 2M32G ATEX	Version
Order No.	<a href="#">3140020000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Plug
GTIN (EAN)	4099987382380	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	2*M32
Type	HDC 24B TSS 1M32G ATEX	Version
Order No.	<a href="#">3140030000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Plug
GTIN (EAN)	4099987382397	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	M 32
Type	HDC 24B TSS 1M40G ATEX	Version
Order No.	<a href="#">3140040000</a>	HDC enclosures, Installation size: 8, Protection degree: IP55, Plug
GTIN (EAN)	4099987382403	housing, Clamping yoke connection, Standard, Size of cable entries:
Qty.	1 ST	M 40

## Size 8



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## General ordering data

Type	HDC HDD 48 MC EX 1500	Version
Order No.	<a href="#">3116670000</a>	HDC insert, Male, 1500 V, Number of poles: 48, Crimp connection,
GTIN (EAN)	4099987235792	Installation size: 8
Qty.	1 ST	
Type	HDC HDD 108 MC	Version
Order No.	<a href="#">1651210000</a>	HDC insert, Male, 250 V, 10 A, Number of poles: 108, Crimp
GTIN (EAN)	4008190299811	connection, Installation size: 8
Qty.	1 ST	