

**HDC HA 3 FP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



PUSH IN connection technology is a direct plug-in technology. The pre-treated conductor can be plugged directly into the conductor connection level without additional aids.

Number of poles: 4 - 48

Rated current: 10 A

Rated voltage 400 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

PUSH IN technology

**General ordering data**

Version	, Female, 400 V, 10 A, Number of poles: 3, PUSH IN with actuator, Installation size: 1
Order No.	<a href="#">2985550000</a>
Type	HDC HA 3 FP
GTIN (EAN)	4099986848610
Qty.	1 items

HDC HA 3 FP

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E92202
Certificate No. (cURus)	E310075

Dimensions and weights

Depth	21 mm	Depth (inches)	0.8268 inch
Height	29.5 mm	Height (inches)	1.1614 inch
Width	21 mm	Width (inches)	0.8268 inch
Length	21 mm	Length (inches)	0.8268 inch
Net weight	12.78 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant	
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 21 mm

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## Technical data

## General data

Number of poles	3	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Plugging cycles, tin	≥ 500
Type of connection	PUSH IN with actuator	Installation size	1
UL 94 flammability rating	V-0	Colour	Light Grey
Insulating material	PC	Tightening torque, max. PE connection	0.8 Nm
Plugging cycles	≥ 500	Type	Female
Surge voltage category	III	Pollution severity	3
Tightening torque, min. PE connection	0.5 Nm	Basic material	Polycarbonate
Series	HA	Rated voltage (DIN EN 61984)	400 V
Rated impulse voltage (DIN EN 61984)	4 kV	Rated current (DIN EN 61984)	10 A
Rated voltage conductor-PE (III/3)	230 V	Free from halogens	false
BG	1	Number of signal contacts	0
Number of power contacts	3	Rated voltage conductor-conductor (III/3)	400 V
Protection degree	IP20		

## Connection data PE

Connection type PE	PUSH IN connection	Tightening torque, max. PE connection	0.8 Nm
Tightening torque, min. PE connection	0.5 Nm		

## Power contact

Tightening torque, power contact, max.	0.8 Nm	Tightening torque, power contact, min.	0.5 Nm
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## Signal contact

Rated impulse voltage (DIN EN 61984), 4 kV  
signal

## Version

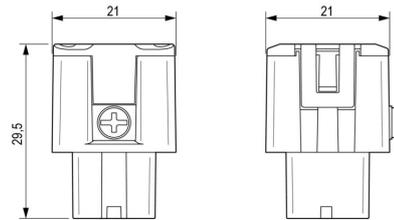
Wire connection cross section AWG, max.	AWG 26	Stripping length, rated connection	10 mm
Type of connection	PUSH IN with actuator	Installation size	1
Wire connection cross section AWG, min.	AWG 16	Conductor cross-section, max.	1.5 mm <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Basic material	Polycarbonate
BG	1		

## Classifications

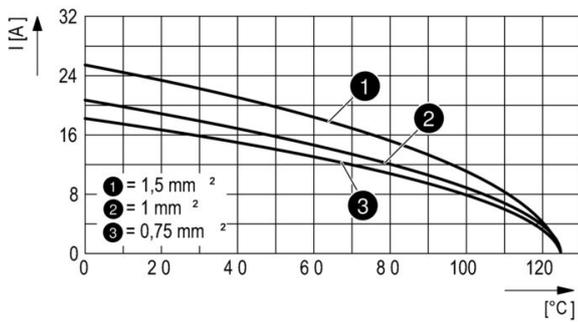
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

Drawings

Drawing



Derating curve



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**Accessories**

**Slotted screwdriver**



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

**General ordering data**

Type	SDIS 0.5X3.0X100	Version
Order No.	<a href="#">9008380000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056347	
Qty.	1 ST	
Type	SDS 0.5X3.0X80	Version
Order No.	<a href="#">9008320000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056262	
Qty.	1 ST	
Type	SDIS 0.6X3.5X100	Version
Order No.	<a href="#">9008390000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 ST	
Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">9008330000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 ST	
Type	SDIS 0.8X4.0X100	Version
Order No.	<a href="#">9008400000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056361	
Qty.	1 ST	
Type	SDS 0.8X4.0X100	Version
Order No.	<a href="#">9008340000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056293	
Qty.	1 ST	

**Combined screwing and cutting tool "Swifty® CS"**

Combined cutting/stripping tool Swifty® CS and Swifty® CS set for crimp-free cutting and stripping of copper cables up to 1.5 mm<sup>2</sup> solid and 2.5 mm<sup>2</sup> flexible.

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## Accessories

## General ordering data

Type	SWIFTY CS SET	Version	
Order No.	<a href="#">9006060000</a>	Cutting and screwing-tool, Cutting tool for one-hand operation	
GTIN (EAN)	4032248257638		
Qty.	1 ST		

## HA



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

## General ordering data

Type	HDC HA3/4 HQ5 PUSHIN CP	Version	
Order No.	<a href="#">3142030000</a>	Heavy-duty connectors, Accessories	
GTIN (EAN)	4099987491730		
Qty.	10 ST		

## 3-pole



PUSH IN connection technology is a direct plug-in technology. The pre-treated conductor can be plugged directly into the conductor connection level without additional aids.

Number of poles: 4 - 48

Rated current: 10 A

Rated voltage 400 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

PUSH IN technology

## General ordering data

Type	HDC HA 3 MP	Version	
Order No.	<a href="#">2985540000</a>	, Male, 400 V, 10 A, Number of poles: 3, PUSH IN with actuator,	
GTIN (EAN)	4099986848559	Installation size: 1	
Qty.	1 ST		