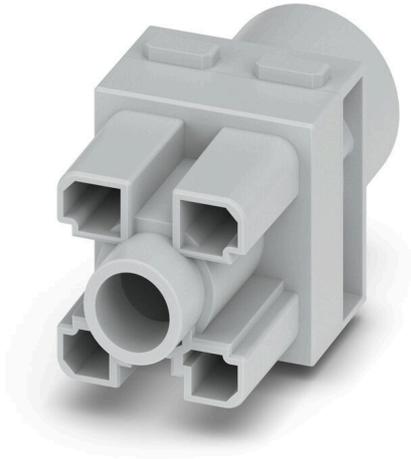


HDC MHP 300 FC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

**Flexible**

The four module sizes make for individual plug solutions that save a huge amount of space. The smaller pitch translates into an optimised design too.

General ordering data

Version	Module, 1000 V, 300 A, Number of poles: 1, Crimp connection, Female, Required plug-in slots: 1.5
Order No.	3187680000
Type	HDC MHP 300 FC
GTIN (EAN)	4099987958776
Qty.	1 items

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Height	61.9 mm	Height (inches)	2.437 inch
Width	34 mm	Width (inches)	1.3386 inch
Length	29.5 mm	Length (inches)	1.1614 inch
Net weight	18 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

General data

Number of poles	1	Number of potentials	1
UL 94 flammability rating	V-0	Insulation resistance	10 ¹² Ω
Plugging cycles	≥ 500	Type	Female
Surge voltage category	III	Pollution severity	3
Basic material	Polycarbonate, glass fibre reinforced	Series	ModuPlug
Rated voltage (DIN EN 61984)	1000 V	Rated voltage according to UL/CSA	600 V
Rated impulse voltage (DIN EN 61984)	8 kV	Rated current (DIN EN 61984)	300 A
Required plug-in slots	1.5		

PE connection data

Connection type PE Screw connection via module frame

Version

Wire connection cross section AWG, max.	AWG 4/0	Stripping length, rated connection	19 mm
Type of connection	Crimp connection	Wire connection cross section AWG, min.	AWG 3/0
Conductor cross-section, max.	120 mm ²	Conductor cross-section, min.	95 mm ²

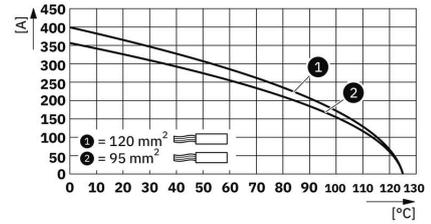
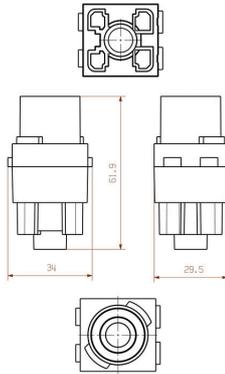
Power contact

Tightening torque, max. according to the conductor cross-section	Conductor cross-section, min.	120 mm ²
	Conductor cross-section, max.	95 mm ²

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

Drawings



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Accessories
300 A crimp contacts


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 MHP300 F 95	Version	
Order No.	3187710000	Female, silver, 95 - 95 mm ²	
GTIN (EAN)	4099987958837		
Qty.	1 ST		
Type	HDC MHP300 F 120	Version	
Order No.	3187720000	Female, silver, 120 - 120 mm ²	
GTIN (EAN)	4099987958851		
Qty.	1 ST		