

## HDC MHX 4P FC

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

[www.weidmueller.com](http://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	Power module, 830 V, 40 A, Number of poles: 4, Crimp connection, Female, Required plug-in slots: 1
Order No.	<a href="#">1428970000</a>
Type	HDC MHX 4P FC
GTIN (EAN)	4050118233308
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	44 mm	Height (inches)	1.7323 inch
Width	14.5 mm	Width (inches)	0.5709 inch
Net weight	9.58 g		

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

## General data

Number of poles	4	UL 94 flammability rating	V-0
Insulation resistance	1012 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)	830 V
Rated voltage according to UL/CSA	600 V	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	40 A	Required plug-in slots	1

## PE connection data

Connection type PE	Screw connection via module frame
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## Version

Wire connection cross section AWG, max.	AWG 10	Stripping length, rated connection	8 mm
Type of connection	Crimp connection	Wire connection cross section AWG, min.	AWG 16
Conductor cross-section, max.	6 mm <sup>2</sup>	Conductor cross-section, min.	1.5 mm <sup>2</sup>

## Classifications

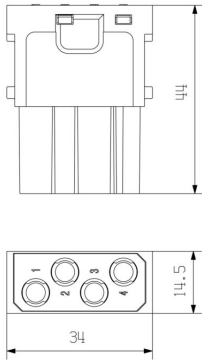
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-17
ECLASS 15.0	27-44-02-17		

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Drawings

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HDC-ModuPlug - HDC-MHX 4P - Module im IP65-Gehäuse / H07V-K6,0 / 8 bzw. 24 Pole

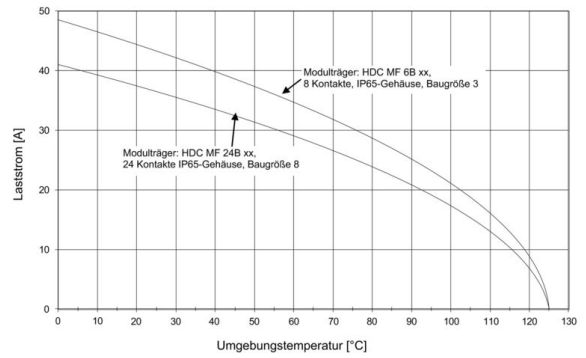


Abb. 006-04-03. Deratingkurve HDC-MHX 4P-Module im IP65-Gehäuse, Leiter H07V-K6,0

HDC-ModuPlug - HDC-MHX 4 P - Module im IP65-Gehäuse / H07V-K1,5 / 8 bzw. 24 Pole

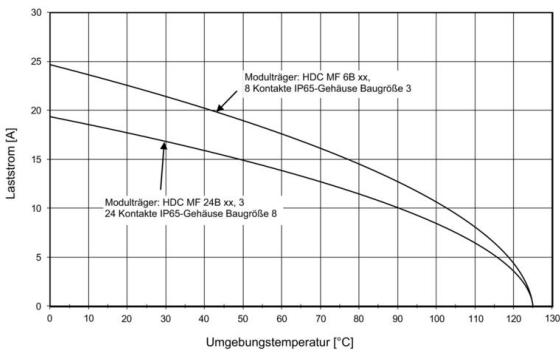


Abb. 006-04-02. Deratingkurve HDC-MHX 4P-Module im IP65-Gehäuse, Leiter H05V-K0,5

HDC-ModuPlug - HDC-MHX 4 P - modules in the IP65-housing / H07V-K1,5 / 8 or. 24 poles

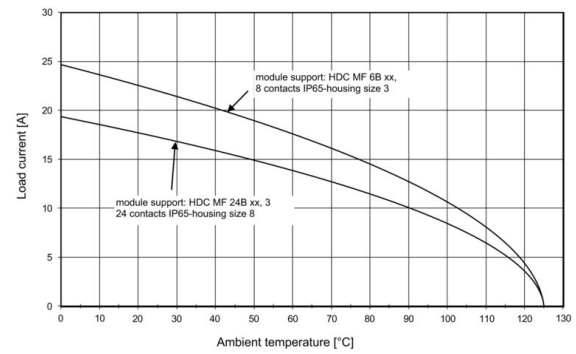


Illustration 006-04-02. derating curve HDC-MHX 4P-modules in the IP65-housing, conductor H05V-K0,5

HDC-ModuPlug - HDC-MHX 4P - modules in the IP65-housing / H07V-K6,0 / 8 or. 24 poles

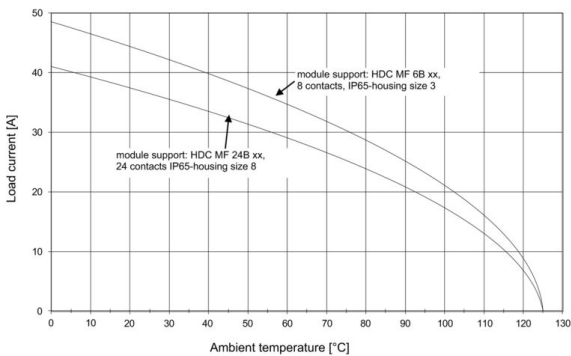


Illustration 006-04-03. derating curve HDC-MHX 4P-modules in the IP65-housing, conductor H07V-K6,0