

HDC MHP 70 MAS**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	Power module, 1000 V, 70 A, Number of poles: 2, Axial screw connection, Male, Required plug-in slots: 1
Order No.	2748300000
Type	HDC MHP 70 MAS
GTIN (EAN)	4050118891119
Qty.	2 pc(s).

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Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	45 mm	Height (inches)	1.772 inch
Width	34.2 mm	Width (inches)	1.346 inch
Net weight	8.5 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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General data

Insulating material	Polycarbonate	Material	Polycarbonate
Number of poles	2	Plugging cycles	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	70 A
Rated impulse voltage (DIN EN 61984)	8 kV	Rated voltage (DIN EN 61984)	1,000 V
Rated voltage according to UL/CSA	600 V	Required plug-in slots	1
Series	ModuPlug	Surge voltage category	III
Type	Male	UL 94 flammability rating	V-0

PE connection data

Connection type PE	Screw connection via module frame
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Version

Conductor cross-section, max.	25 mm ²	Conductor cross-section, min.	4 mm ²
Type of connection	Axial screw connection		

Power contact

Clamping range, power contact, max.	25 mm ²		
Clamping range, power contact, min.	4 mm ²		
Stripping length according to the cable diameter	Cable diameter, max.	7 mm	
	Stripping length	11 mm	
	Cable diameter, max.	10.5 mm	
	Stripping length	15 mm	
Tightening torque, max. according to the conductor cross-section	Conductor cross-section, min.	4 mm ²	
	Conductor cross-section, max.	6 mm ²	
	Tightening torque, max.	2 Nm	
	Conductor cross-section, min.	10 mm ²	
	Conductor cross-section, max.	25 mm ²	
	Tightening torque, max.	3 Nm	

Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 9.0	27-44-02-92
ECLASS 9.1	27-44-02-18	ECLASS 10.0	27-44-02-92
ECLASS 11.0	27-44-02-92	ECLASS 12.0	27-44-02-92
ECLASS 13.0	27-44-02-92	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

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Technical data

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	fa505316-3e43-4ad0-930c-360dfdbe182a

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E310075
Certificate No. (cURus)	E310075

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings

