HDC MHP 70 FC

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, Crimp connection, Female, Required plug-in slots: 1
Order No.	2668180000
Type	HDC MHP 70 FC
GTIN (EAN)	4050118765892
Qty.	1 items

HDC MHP 70 FC

Technical data

Approvals

Approvals	CE cRUus
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	47.95 mm	Height (inches)	1.8878 inch
Width	14.5 mm	Width (inches)	0.5709 inch
Net weight	9.7 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	2	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)	1000 V
Rated voltage according to UL/CSA	600 V	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	70 A	Required plug-in slots	1

PE connection data

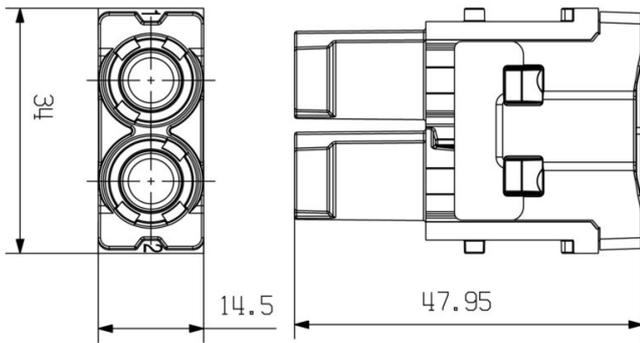|	
Connection type PE	Screw connection via module frame

Version

Stripping length, rated connection	15 mm	Type of connection	Crimp connection
Conductor cross-section, max.	25 mm²	Conductor cross-section, min.	6 mm²

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		

Creation date 10.03.2026 04:08:05 MEZ

HDC MHP 70 FC

Drawings

Accessories

70 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 MHP70 F 10	Version	
Order No.	2668200000	Female, silver, 10 - 10 mm²	
GTIN (EAN)	4050118803006		
Qty.	10 ST		
Type	HDC MHP70 F 16	Version	
Order No.	2668220000	Female, silver, 16 - 16 mm²	
GTIN (EAN)	4050118802917		
Qty.	10 ST		
Type	HDC MHP70 F 25	Version	
Order No.	2668260000	Female, silver, 25 - 25 mm²	
GTIN (EAN)	4050118802924		
Qty.	10 ST		
Type	HDC MHP70 F 6	Version	
Order No.	2668210000	Female, silver, 6 - 6 mm²	
GTIN (EAN)	4050118802894		
Qty.	10 ST		

HDC MHP 70 FC

Counterpart

Electrical modules

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General ordering data

Type	HDC MHP 70 MAS	Version
Order No.	2748300000	Power module, 1000 V, 70 A, Number of poles: 2, Axial screw
GTIN (EAN)	4050118891119	connection, Male, Required plug-in slots: 1
Qty.	2 ST	
Type	HDC MHP 70 MC	Version
Order No.	2668190000	Power module, 1000 V, 70 A, Number of poles: 2, Crimp connection,
GTIN (EAN)	4050118767537	Male, Required plug-in slots: 1
Qty.	1 ST	