HDC MHP100 PE MC

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, 100 A, Number of poles: 1, Crimp connection, Pin, Required plug-in slots: 1
Order No.	1429090000
Type	HDC MHP100 PE MC
GTIN (EAN)	4050118233537
Qty.	1 items

HDC MHP100 PE MC

Technical data

Approvals

Approvals	CE

Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	40.1 mm	Height (inches)	1.5787 inch
Width	14.5 mm	Width (inches)	0.5709 inch
Net weight	54.5 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	UL 94 flammability rating	V-0
Insulation resistance	1012 Ω	Plugging cycles	≥ 500
Type	Pin	Surge voltage category	III
Pollution severity	3	Basic material	Zinc
Series	ModuPlug	Rated voltage (DIN EN 61984)	1000 V
Rated voltage according to UL/CSA	1000 V DC (IEC)	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	100 A	Required plug-in slots	1

PE connection data

Connection type PE	Crimp connection

Version

Type of connection	Crimp connection

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		

HDC MHP100 PE MC

Drawings
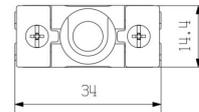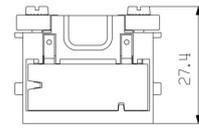
Accessories

100 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 MHP100 M 10	Version	
Order No.	1435750000	Male, silver, 10 - 10 mm²	
GTIN (EAN)	4050118240566		
Qty.	10 ST		
Type	HDC MHP100 M 16	Version	
Order No.	1435760000	Male, silver, 16 - 16 mm²	
GTIN (EAN)	4050118240689		
Qty.	10 ST		
Type	HDC MHP100 M 25	Version	
Order No.	1435770000	Male, silver, 25 - 25 mm²	
GTIN (EAN)	4050118240573		
Qty.	10 ST		
Type	HDC MHP100 M 35	Version	
Order No.	1435780000	Male, silver, 35 - 35 mm²	
GTIN (EAN)	4050118240672		
Qty.	10 ST		

Miscellaneous

In addition to heavy-duty connectors, RockStar® includes the appropriate accessories for effective, functional and safe system cabling; e.g. coding systems, shield clamps, cover plates and replacement seals

General ordering data

Type	HDC MHP100 REMOVAL TOOL	Version
Order No.	1480380000	ModuPlug, Contact Removal Tool
GTIN (EAN)	4050118288933	
Qty.	1 ST	