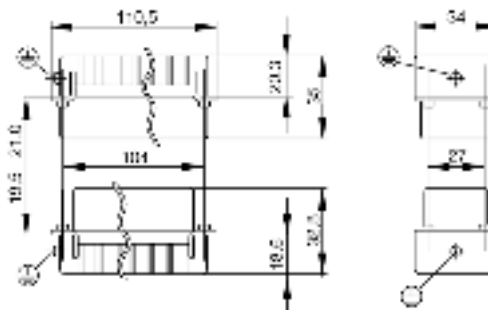


**General ordering data**

Order No.	1651220000
Part designation	HDC HDD 108 FC
Version	HDC insert, Socket, 250 V, 10 A, Poles: 108 + PE, Crimp connection, BG: 8
EAN	4008190299828
Qty.	1 pc(s).

Product notes

Function	Assignment 1-108
Note, accessories	For additional accessories, refer to Accessories chapter.

Dimensions

High socket C	32.8 mm
Total length A	110.5 mm

General data

Colour	beige
Insulating material group	IIIa
Insulation material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulation resistance	$10^{10} \Omega$
No. of poles, total	108 + PE
Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500
Pollution severity	3
Temperature, max.	125 °C
Temperature, min.	-40 °C
UL 94 flammability class	V-0
Size	8
Series	HDD
Type	Socket
Type designation	HDD 108

Connection data PE

Rated cross-section	2.5 mm ²
Fixing screw	M 4
Min. tightening torque	1.2 Nm
Blade size, crosshead	size PH1
Max. tightening torque	1.5 Nm
Blade size, slotted	SD 0.8 x 4.0
Stripping length	10 mm
Max. connection cross-section, solid	0.5 mm ²
Min. connection cross-section, solid	2.5 mm ²
Min. connection cross-section, stranded	0.5 mm ²
Connection type PE	Screw connection
Max. connection cross-section, stranded	2.5 mm ²
Min. connection cross-section "f" with wire end ferrule	0.5 mm ²
Max. connection cross-section "f" with wire end ferrule	2.5 mm ²
AWG, min.	AWG 20
AWG, max.	AWG 14

Rating data

Rated voltage (DIN EN 61984)	250 V
Rated current (DIN EN 61984)	10 A
Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	4 kV

Version

Type of connection	Crimp connection
Stripping length	8 mm
Connection cross-section, min.	0.14 mm ²
Connection cross-section, max.	2.5 mm ²
AWG, min.	AWG 26
AWG, max.	AWG 14
Size	8
Volume resistance	≤ 4mΩ

Approvals

Approvals institutes



Approvals**Classifications**

ETIM 2.0	EC001121
ETIM 3.0	EC001121
eClass 4.1	27-14-08-05
eClass 5.0	27-14-34-19
eClass 5.1	27-14-34-19

Similar products

Order No.	Part designation	Version
1651210000	HDC HDD 108 MC	HDC insert, Pin, 250 V, 10 A, Poles: 108 + PE, Crimp connection, BG: 8
1651260000	HDC HDD 72 FC 73-144	HDC insert, Socket, 250 V, 10 A, Poles: 72 + PE, Crimp connection, BG: 6
1651240000	HDC HDD 72 MC 73-144	HDC insert, Pin, 250 V, 10 A, Poles: 72 + PE, Crimp connection, BG: 6
1651300000	HDC HDD 108 FC 109-216	HDC insert, Socket, 250 V, 10 A, Poles: 108 + PE, Crimp connection, BG: 8
1651280000	HDC HDD 108 MC 109-216	HDC insert, Pin, 250 V, 10 A, Poles: 108 + PE, Crimp connection, BG: 8
1651160000	HDC HDD 24 FC	HDC insert, Socket, 250 V, 10 A, Poles: 24 + PE, Crimp connection, BG: 3
1651150000	HDC HDD 24 MC	HDC insert, Pin, 250 V, 10 A, Poles: 24 + PE, Crimp connection, BG: 3
1651180000	HDC HDD 42 FC	HDC insert, Socket, 250 V, 10 A, Poles: 42 + PE, Crimp connection, BG: 4
1651170000	HDC HDD 42 MC	HDC insert, Pin, 250 V, 10 A, Poles: 42 + PE, Crimp connection, BG: 4
1651200000	HDC HDD 72 FC	HDC insert, Socket, 250 V, 10 A, Poles: 72 + PE, Crimp connection, BG: 6
1651190000	HDC HDD 72 MC	HDC insert, Pin, 250 V, 10 A, Poles: 72 + PE, Crimp connection, BG: 6