



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



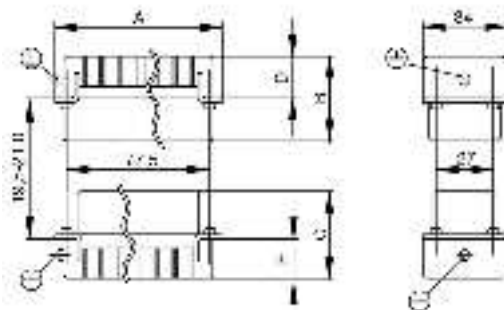
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General ordering data

Order No.	1216100000
Part designation	HDC HE 16 FS 17-32
Version	HDC insert, Socket, 500 V, 16 A, Poles: 16 + PE, Screw connection, BG: 6
EAN	4008190055295
Qty.	1 pc(s).

Product notes

Note, ordering data	Please use the following inserts for size 10 (32-pole): HE 16 FS + HE 16 FS 17-32
Note, technical data	The rated current for HE inserts up to 6 poles is 24 A.
Function	Assignment 17-32
Note, accessories	For additional accessories, refer to Accessories chapter.

Dimensions

High connection part, female insert E	16 mm
High socket C	31.5 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	16 + 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	6

General data

Series	HE
Type	Socket
Type designation	HE 32

Connection data PE

Rated cross-section	4 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	4 mm ²
Min. connection cross-section, stranded	0.5 mm ²
Connection type PE	Screw connection
Max. connection cross-section, stranded	4 mm ²
Min. connection cross-section "f" with wire end ferrule	0.5 mm ²
Max. connection cross-section "f" with wire end ferrule	4 mm ²
AWG, min.	AWG 20
AWG, max.	AWG 12

Rating data

Rated voltage (DIN EN 61984)	500 V
Rated current (DIN EN 61984)	16 A
Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	6 kV

Version

Type of connection	Screw connection
Blade size	size PH1
Blade size, slotted	SD 0.6 x 3.5
Min. tightening torque	0.5 Nm
Max. tightening torque	0.55 Nm
Stripping length	9 mm
Material	copper alloy
Connection cross-section, min.	0.5 mm ²
Connection cross-section, max.	2.5 mm ²
AWG, min.	AWG 20
AWG, max.	AWG 14
Size	6
Surface finish	Silver passivated
Volume resistance	≤ 2mΩ
Clamping screw	M 3

Approvals

Approvals institutes

**Downloads**

PDF	1216100000_HDC_HE_16_FS_17-32_STP_Blatt_1.pdf
DXF	1216100000_HDC_HE_16_FS_17-32_STP_Blatt_1.dxf
IGES	1216100000_HDC_HE_16_FS_17-32_STP.igs
STEP	1216100000_HDC_HE_16_FS_17-32_STP.stp
VRML	1216100000_HDC_HE_16_FS_17-32_STP.wrl

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
1200000000	HDC HE 6 MS	HDC insert, Pin, 500 V, 24 A, Poles: 6 + PE, Screw connection, BG: 3
1200200000	HDC HE 6 FS	HDC insert, Socket, 500 V, 24 A, Poles: 6 + PE, Screw connection, BG: 3
1203900000	HDC HE 10 MS	HDC insert, Pin, 500 V, 16 A, Poles: 10 + PE, Screw connection, BG: 4
1204100000	HDC HE 10 FS	HDC insert, Socket, 500 V, 16 A, Poles: 10 + PE, Screw connection, BG: 4
1207500000	HDC HE 16 MS	HDC insert, Pin, 500 V, 16 A, Poles: 16 + PE, Screw connection, BG: 6
1207700000	HDC HE 16 FS	HDC insert, Socket, 500 V, 16 A, Poles: 16 + PE, Screw connection, BG: 6
1211100000	HDC HE 24 MS	HDC insert, Pin, 500 V, 16 A, Poles: 24 + PE, Screw connection, BG: 8
1211300000	HDC HE 24 FS	HDC insert, Socket, 500 V, 16 A, Poles: 24 + PE, Screw connection, BG: 8

1215700000	HDC HE 16 MS 17-32	HDC insert, Pin, 500 V, 16 A, Poles: 16 + PE, Screw connection, BG: 6
1220800000	HDC HE 24 MS 25-48	HDC insert, Pin, 500 V, 16 A, Poles: 24 + PE, Screw connection, BG: 8
1221200000	HDC HE 24 FS 25-48	HDC insert, Socket, 500 V, 16 A, Poles: 24 + PE, Screw connection, BG: 8