



#### 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	$\geq 500$
Plugging cycles, silver	$\geq 500$
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 <sup>2</sup>
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 <sup>2</sup>
Min. connection cross-section, solid	4 mm <sup>2</sup>
Min. connection cross-section, stranded	0.5 mm <sup>2</sup>
Connection type PE	Screw connection
Max. connection cross-section, stranded	4 mm <sup>2</sup>
Min. connection cross-section "f" with wire end ferrule	0.5 mm <sup>2</sup>
Max. connection cross-section "f" with wire end ferrule	4 mm <sup>2</sup>
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 <sup>2</sup>
Connection cross-section, max.	2.5 mm <sup>2</sup>
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