



#### General ordering data

Order No.	1896840000
Part designation	HDC HA 16 MT 17-32
Version	HDC insert, Pin, 250 V, 16 A, Poles: 16 + PE, Tension clamp connection, BG: 5
EAN	4032248592449
Qty.	1 pc(s).

#### Product notes

Note, ordering data	Please use the following inserts for size 7 (32-pole): HA 16 MT + HA 16 MT 17-32
Function	Assignment 17-32
Note, accessories	SD 0.6 x 3.5

#### 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, silver	$\geq 500$
Pollution severity	3
Temperature, max.	125 °C
Temperature, min.	-40 °C
UL 94 flammability class	V-0
Size	5
Series	HA
Type	Pin
Type designation	HA 32

#### Connection data PE

Rated cross-section	2.5 mm <sup>2</sup>
Fixing screw	M 4
Min. tightening torque	1.2 Nm

**Connection data PE**

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	2.5 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	2.5 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	2.5 mm <sup>2</sup>
AWG, min.	AWG 20
AWG, max.	AWG 14

**Rating data**

Rated voltage (DIN EN 61984)	250 V
Rated current (DIN EN 61984)	16 A
Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	4 kV

**Version**

Type of connection	Tension clamp connection
Blade size, slotted	SD 0.6 x 3.5
Stripping length	8 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	5
Surface finish	Silver passivated
Volume resistance	≤ 2mΩ

**Approvals**

Approvals institutes



**Downloads**

PDF	1896840000_HDC_HA_16_MT_17-32_STP_Blatt__1.pdf
DXF	1896840000_HDC_HA_16_MT_17-32_STP_Blatt__1.dxf
IGES	1896840000_HDC_HA_16_MT_17-32_STP.igs
STEP	1896840000_HDC_HA_16_MT_17-32_STP.stp
VRML	1896840000_HDC_HA_16_MT_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
1896780000	HDC HA 10 FT	HDC insert, Socket, 250 V, 22 A, Poles: 10 + PE, Tension clamp connection, BG: 2
1896790000	HDC HA 10 MT	HDC insert, Pin, 250 V, 22 A, Poles: 10 + PE, Tension clamp connection, BG: 2
1896800000	HDC HA 16 FT	HDC insert, Socket, 250 V, 22 A, Poles: 16 + PE, Tension clamp connection, BG: 5
1896830000	HDC HA 16 MT	HDC insert, Pin, 250 V, 22 A, Poles: 16 + PE, Tension clamp connection, BG: 5
1896810000	HDC HA 16 FT 17-32	HDC insert, Socket, 250 V, 16 A, Poles: 16 + PE, Tension clamp connection, BG: 5
1896820000	HDC HA 16 FT 33-48	HDC insert, Socket, 250 V, 16 A, Poles: 16 + PE, Tension clamp connection, BG: 5
1896850000	HDC HA 16 MT 33-48	HDC insert, Pin, 250 V, 16 A, Poles: 16 + PE, Tension clamp connection, BG: 5