



#### General ordering data

Order No.	1498400000
Part designation	HDC HA 4 FS
Version	HDC insert, Socket, 250 V, 22 A, Poles: 4 + PE, Screw connection, BG: 1
EAN	4008190178741
Qty.	1 pc(s).

#### Product notes

Note, accessories	For additional accessories, refer to Accessories chapter.
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#### General data

Colour	beige
Insulating material group	IIIa
Insulation group	C
Insulation material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulation resistance	$10^{10} \Omega$
No. of poles, total	4 + PE
Plugging cycles, gold	$\geq 500$
Plugging cycles, silver	$\geq 500$
Pollution severity	3
Specific contact resistance	$10^{13} \Omega/\text{cm}$
Temperature, max.	125 °C
Temperature, min.	-40 °C
UL 94 flammability class	V-0
Size	1
Series	HA
Type	Socket
Type designation	HA 4

#### Connection data PE

Rated cross-section	2.5 mm <sup>2</sup>
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**Connection data PE**

Fixing screw	M 4
Min. tightening torque	0.5 Nm
Max. tightening torque	0.55 Nm
Blade size, slotted	SD 0.6 x 3.5
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)	22 A
Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	4 kV

**Version**

Type of connection	Screw connection
Blade size	size PZ0
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	1
Surface finish	Silver passivated
Volume resistance	≤ 2mΩ
Clamping screw	M 3

## Approvals

Approvals institutes



## 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
1498200000	HDC HA 3 FS	HDC insert, Socket, 250 V, 22 A, Poles: 3 + PE, Screw connection, BG: 1
1498100000	HDC HA 3 MS	HDC insert, Pin, 250 V, 22 A, Poles: 3 + PE, Screw connection, BG: 1
1498300000	HDC HA 4 MS	HDC insert, Pin, 250 V, 22 A, Poles: 4 + PE, Screw connection, BG: 1
1650620000	HDC HA 10 FS	HDC insert, Socket, 250 V, 22 A, Poles: 10 + PE, Screw connection, BG: 2
1650610000	HDC HA 10 MS	HDC insert, Pin, 250 V, 22 A, Poles: 10 + PE, Screw connection, BG: 2
1650780000	HDC HA 16 FS	HDC insert, Socket, 250 V, 22 A, Poles: 16 + PE, Screw connection, BG: 5
1650770000	HDC HA 16 MS	HDC insert, Pin, 250 V, 22 A, Poles: 16 + PE, Screw connection, BG: 5
1650900000	HDC HA 16 FS 17-32	HDC insert, Socket, 250 V, 16 A, Poles: 16 + PE, Screw connection, BG: 5
1650880000	HDC HA 16 MS 17-32	HDC insert, Pin, 250 V, 16 A, Poles: 16 + PE, Screw connection, BG: 5

1651020000	HDC HA 16 FS 33-48	HDC insert, Socket, 250 V, 16 A, Poles: 16 + PE, Screw connection, BG: 5
1650990000	HDC HA 16 MS 33-48	HDC insert, Pin, 250 V, 16 A, Poles: 16 + PE, Screw connection, BG: 5