



General ordering data

Order No.	1498100000
Part designation	HDC HA 3 MS
Version	HDC insert, Pin, 250 V, 22 A, Poles: 3 + PE, Screw connection, BG: 1
EAN	4008190048747
Qty.	1 pc(s).

Product notes

Note, accessories	For additional accessories, refer to Accessories chapter.
-------------------	---

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	3 + PE
Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500
Pollution severity	3
Specific contact resistance	$10^{15} \Omega/\text{cm}$
Temperature, max.	125 °C
Temperature, min.	-40 °C
UL 94 flammability class	V-0
Size	1
Series	HA
Type	Pin
Type designation	HA 3

Connection data PE

Rated cross-section	2.5 mm ²
---------------------	---------------------

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 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)	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 ²
Connection cross-section, max.	2.5 mm ²
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
1498300000	HDC HA 4 MS	HDC insert, Pin, 250 V, 22 A, Poles: 4 + PE, Screw connection, BG: 1
1498400000	HDC HA 4 FS	HDC insert, Socket, 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