



### General ordering data

Order No.	1498800000
Type	HDC HSB 6 MS 7 - 12
Version	HDC insert, Male, 400 V, 35 A, Poles: 6 + PE, Screw connection, BG: 6
EAN	4008190071875
Qty	2

### Dimensions

High plug B	34,00 mm
Total Length A	84,50 mm

### General data

Pollution severity	3
Plugging cycles gold	≥ 500
Plugging cycles silver	≥ 500
Temperature, min.	-40 °C
Temperature, max.	125 °C
Insulating material group	IIIa
Insulation resistance	1010Ω
Colour	grey
UL 94 flammability class	V-0
Insulation material	PC glass fibre-reinforced (UL listed and approved for railway)
No. of poles, total	6 + PE
Size	6
Series	HSB
Type	Male
Designation	HSB 12

**Connection data PE**

Rated cross-section	6 mm <sup>2</sup>
Fixing screw	M 5
Min. tightening torque	2,00 Nm
Blade size, crosshead	size PH2
Max. tightening torque	2,50 Nm
Blade size, slotted	1 x 5.5
Stripping length	10,00 mm
Max. connection cross-section, solid	0,50 mm <sup>2</sup>
Min. connection cross-section, solid	6,00 mm <sup>2</sup>
Min. connection cross-section, stranded	0,50 mm <sup>2</sup>
Type of PE connection	Screw connection
Max. connection cross-section, stranded	6,00 mm <sup>2</sup>
Min. connection cross-section "f" with wire end ferrule	0,50 mm <sup>2</sup>
Max. connection cross-section "f" with wire end ferrule	6,00 mm <sup>2</sup>
AWG, min.	AWG 20
AWG, max.	AWG 10

**Rating data**

Rated voltage (DIN EN 61984)	400 V
Rated current (DIN EN 61984)	35 A
Rated voltage to UL/CSA	600 V AC/DC
Rated impulse withstand voltage	6,0 kV

**Version**

Size	6
Type of connection	Screw connection
Blade size	size PZ1
Blade size, slotted	SD 0.8 x 4.0
Min. tightening torque	1,20 Nm
Max. tightening torque	1,50 Nm
Stripping length	11 mm
Material	copper alloy
Connection cross-section, min.	0,50 mm <sup>2</sup>
Connection cross-section, max.	6,00 mm <sup>2</sup>
AWG min.	AWG 20
AWG, max.	AWG 10
Surface	Silver, passivated
Volume resistance	≤ 2mΩ
Clamping screw	M 4

**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

Assignment 7-12

Please order two contact inserts per housing.

**Related products**

Order No.	Type	Type of connection
1498700000	HDC HSB 6 MS	Screw connection
1498900000	HDC HSB 6 FS	Screw connection
1499000000	HDC HSB 6 FS 7 - 12	Screw connection