

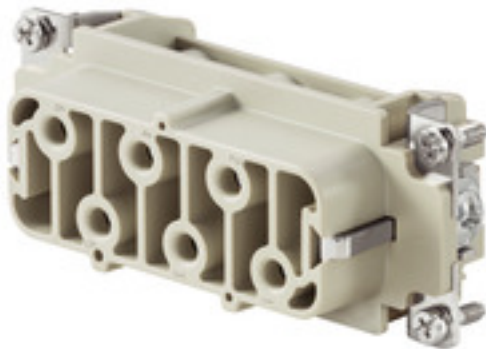
**HDC HSB 6 FS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The HSB series enables you to carry 35A per contact simultaneously. Assembled with screw connections, for secure and reliable connections.

The wire connection level is designed as a screw element. All screw connections are equipped with a wire protection spring.

Number of poles: **6**

Rated current: **35 A**

Rated voltage: **400 V**

Nominal voltage acc. to UL/CSA: **600 V AC/DC**

Screw connection

**General ordering data**

Version	HDC insert, Female, 400 V, 35 A, Number of poles: 6, Screw connection, Size: 6
Order No.	<a href="#">1498900000</a>
Type	HDC HSB 6 FS
GTIN (EAN)	4008190071417
Qty.	1 pièce(s)

## HDC HSB 6 FS

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## Caractéristiques techniques

### Dimensions and weights

Depth	84,5 mm	Depth (inches)	3,327 inch
Height	35,6 mm	Height (inches)	1,402 inch
Width	34 mm	Width (inches)	1,339 inch
Net weight	87 g		

### Temperatures

Limit temperature	-40 °C ... 125 °C
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### Dimensions

Height of socket	35,6 mm	Total length base	84,5 mm
Width	34 mm		

### General data

BG	6	
Colour	beige	
Conductor cross-section	6 mm <sup>2</sup>	
Free from halogens	true	
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	
Insulating material group	IIIa	
Insulation strength	10 <sup>10</sup> Ω	
Low smoke acc. DIN EN 45545-2	Yes	
Material	Copper alloy	
Max. torque for main contact	1,5 Nm	
Min. torque for main contact	1,2 Nm	
Number of poles	6	
Plugging cycles, silver	≥ 500	
Pollution severity	3	
Rated current (DIN EN 61984)	35 A	
Rated current (UR)	Wire connection cross section AWG	AWG 10
	Rated current	35 A
	Wire connection cross section AWG	AWG 12
	Rated current	8 A
	Wire connection cross section AWG	AWG 14
	Rated current	8 A
	Wire connection cross section AWG	AWG 16
	Rated current	8 A
	Wire connection cross section AWG	AWG 18
	Rated current	8 A
	Wire connection cross section AWG	AWG 20
	Rated current	8 A

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Rated current (cUR)	Wire connection cross section AWG	AWG 10
	Rated current	8 A
	Wire connection cross section AWG	AWG 12
	Rated current	8 A
	Wire connection cross section AWG	AWG 14
	Rated current	8 A
	Wire connection cross section AWG	AWG 16
	Rated current	8 A
	Wire connection cross section AWG	AWG 18
	Rated current	8 A
Wire connection cross section AWG	AWG 20	
Rated current	8 A	
Rated impulse voltage (DIN EN 61984)	6 kV	
Rated voltage (DIN EN 61984)	400 V	
Rated voltage according to UL/CSA	600 V AC/DC	
Series	HSB	
Size	6	
Surface finish	Silver passivated	
Type	Female	
Type of connection	Screw connection	
UL 94 flammability rating	V-0	
Volume resistance	≤2 mΩ	

## Connection data PE

Blade size, slotted (PE connection)	1 x 5.5	Connection type PE	Screw connection
Fixing screw	M 5	Rated cross-section	6 mm <sup>2</sup>
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	2,5 Nm
Tightening torque, min. PE connection	2 Nm	Wire cross section, AWG (PE), max.	AWG 10
Wire cross section, AWG (PE), min.	AWG 20		

## Version

BG	6	Blade size	size PZ 1
Blade size, slotted (screw connection)	SD 0.8 x 4.0	Clamping screw	M 4
Conductor cross-section, max.	6 mm <sup>2</sup>	Conductor cross-section, min.	0,5 mm <sup>2</sup>
Material	Copper alloy	Max. torque for main contact	1,5 Nm
Min. torque for main contact	1,2 Nm	Size	6
Stripping length, rated connection	11 mm	Surface finish	Silver passivated
Type of connection	Screw connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0,5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0,5 mm <sup>2</sup>
Wire cross-section, solid, max.	6 mm <sup>2</sup>	Wire cross-section, solid, min.	0,5 mm <sup>2</sup>

## Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ECLASS 9.0	27-44-02-05	ECLASS 9.1	27-44-02-05
ECLASS 10.0	27-44-02-05	ECLASS 11.0	27-44-02-05
ECLASS 12.0	27-44-02-05	ECLASS 13.0	27-44-02-05
ECLASS 14.0	27-44-02-05		

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**Caractéristiques techniques**

Substance	Acetone
Chemical resistance	Resistant
Substance	Ammonia, watery
Chemical resistance	Conditionally resistant
Substance	Petrol
Chemical resistance	Resistant
Substance	Benzene
Chemical resistance	Resistant
Substance	Diesel oil
Chemical resistance	Conditionally resistant
Substance	Acetic acid, concentrated
Chemical resistance	Resistant
Substance	Potassium hydroxide
Chemical resistance	Conditionally resistant
Substance	Methanol
Chemical resistance	Conditionally resistant
Substance	Motor oil
Chemical resistance	Conditionally resistant
Substance	Lye, diluted
Chemical resistance	Resistant
Substance	Hydrochlorofluorocarbons
Chemical resistance	Conditionally resistant
Substance	Outdoor use
Chemical resistance	Conditionally resistant

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	e98b2b24-ba23-41bf-8d19-0dda3647412f
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@798c39e2 de.myview.objectmodel.impl.BlockImpl@57523299 de.myview.objectmodel.impl.BlockImpl@611adbc4 de.myview.objectmodel.impl.BlockImpl@303eba1c de.myview.objectmodel.impl.BlockImpl@28e5c6d0 de.myview.objectmodel.impl.BlockImpl@6ee5ffaf de.myview.objectmodel.impl.BlockImpl@5996dd4c de.myview.objectmodel.impl.BlockImpl@1c3d6238 de.myview.objectmodel.impl.BlockImpl@1ae8f429 de.myview.objectmodel.impl.BlockImpl@5b31685c de.myview.objectmodel.impl.BlockImpl@34a2b2cb de.myview.objectmodel.impl.BlockImpl@43793ac5

**Fiche de données****HDC HSB 6 FS**

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**Caractéristiques techniques****Approvals**

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

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