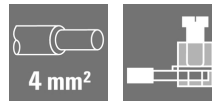


**HDC AOC 6 FS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

A heavy-duty connector consists of a connector insert and its protective housing. The insert is therefore the heart of the heavy-duty connector. It is responsible for electrical functioning. Connector inserts from Weidmüller are made from high-quality insulation materials, which allow secure transmission of high voltages in a tight space. Moreover, we use only a single type of plastic in our entire product line. This plastic is UL listed, and suitable for railway applications. This allows unlimited world-wide use of the RockStar® connector.

**General ordering data**

Version	HDC insert, Female, 500 V, 40 A, Number of poles: 6, Screw connection, Size: 3
Order No.	<a href="#">2466800000</a>
Type	HDC AOC 6 FS
GTIN (EAN)	4050118501568
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	34.8 mm	Depth (inches)	1.37 inch
Height	41.7 mm	Height (inches)	1.642 inch
Width	51 mm	Width (inches)	2.008 inch
Net weight	75 g		

**Temperatures**

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

Width	51 mm
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**General data**

BG	3	Colour	Light Grey
Free from halogens	false	Material	Polycarbonate, glass fibre reinforced
Number of poles	6	Pollution severity	3
Rated current (DIN EN 61984)	40 A	Rated impulse voltage (DIN EN 61984)	6 kV
Rated voltage (DIN EN 61984)	500 V	Size	3
Type	Female	Type of connection	Screw connection
UL 94 flammability rating	V-0		

**Connection data PE**

Blade size, crosshead	0.6 x 3.5 mm	Stripping length PE connection	11 mm
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**Power contact**

Tightening torque, max.	1.5 Nm	Tightening torque, min.	1.2 Nm
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**Signal contact**

Tightening torque, max.	1.5 Nm	Tightening torque, min.	1.2 Nm
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**Version**

BG	3	Material	Polycarbonate, glass fibre reinforced
Size	3	Type of connection	Screw connection

**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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	b67daa31-7dca-434d-8290-da7fb52f83a2

### HDC AOC 6 FS

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

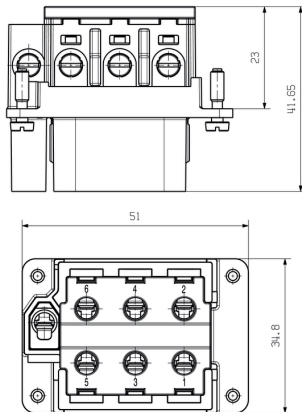
[Catalogues in PDF-format](#)

## HDC AOC 6 FS

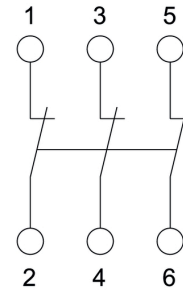
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## Drawings



## Connection diagram



Three-phase Anti-open Circuit Diagram