

HDC HQ 2 HV FAS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The HQ series - big features in a compact design. The electrical characteristics speak for themselves. The wire connection level is designed for axial screw. This technology enables the conductor to be connected without special tools. A simple Allen key is sufficient.

General ordering data

Version	HDC insert, Female, 830 V, 40 A, Number of poles: 2, Axial screw connection, Installation size: 1
Order No.	3100770000
Type	HDC HQ 2 HV FAS
GTIN (EAN)	4099987140218
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E310075

Dimensions and weights

Depth	21 mm	Depth (inches)	0.8268 inch
Height	39.8 mm	Height (inches)	1.5669 inch
Width	21 mm	Width (inches)	0.8268 inch
Diameter	4 mm	Net weight	21 g

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Dimensions

Width 21 mm

General data

Number of poles	2	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Plugging cycles, tin	≥ 500
Type of connection	Axial screw connection	Installation size	1
UL 94 flammability rating	V-0	Colour	grey
Insulating material	PC	Surface finish	Silver passivated
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Copper alloy
Series	HQ	Rated voltage (DIN EN 61984)	830 V
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	40 A
Free from halogens	false	BG	1
Number of signal contacts	0	Number of power contacts	2

Connection data PE

Connection type PE Screw connection

Power contact

Type of connection, power contact	Axial screw connection	Tightening torque, max.	1.5 Nm
Tightening torque, min.	0.5 Nm		

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Signal contact

Tightening torque, max.	1.5 Nm	Tightening torque, min.	0.5 Nm
Stripping length, signal	6 mm		

Version

Type of connection	Axial screw connection	Installation size	1
Conductor cross-section, max.	10 mm ²	Conductor cross-section, min.	1.5 mm ²
Surface finish	Silver passivated	Basic material	Copper alloy
BG	1		

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

Drawings

