

HDC HQ 5 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

A small unit that packs a big punch. The electrical values speak for themselves. Proven HE crimp contacts can also be used here.

Number of poles: **5 (+PE)**

Rated current: **16 A**

Rated voltage: **250 V**

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

Crimp connection

General ordering data

Version	HDC insert, Female, 250 V, 16 A, Number of poles: 5, Crimp connection, Size: 1
Order No.	1912460000
Type	HDC HQ 5 FC
GTIN (EAN)	4032248542055
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	21 mm	Depth (inches)	0.827 inch
Height	40.1 mm	Height (inches)	1.579 inch
Width	21 mm	Width (inches)	0.827 inch
Net weight	12.8 g		

Temperatures

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

Height of socket	40.1 mm	Total length base	21 mm
Width	21 mm		

General data

BG	1	Colour	beige
Free from halogens	false	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulating material group	IIIa	Insulation strength	10 ¹⁰ Ω
Low smoke acc. DIN EN 45545-2	Yes	Material	Copper alloy
Number of poles	5	Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500	Pollution severity	3
Rated current (DIN EN 61984)	16 A	Rated impulse voltage (DIN EN 61984)	6 kV
Rated voltage (DIN EN 61984)	250 V	Rated voltage according to UL/CSA	600 V AC/DC
Series	HQ	Size	1
Type	Female	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤2 mΩ

Connection data PE

Blade size, slotted (PE connection)	SD 0.6 x 3.5	Connection type PE	Screw connection
Fixing screw	M 3	Rated cross-section	2.5 mm ²
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	0.55 Nm
Tightening torque, min. PE connection	0.5 Nm	Wire cross section, AWG (PE), max.	AWG 14
Wire cross section, AWG (PE), min.	AWG 20		

Version

BG	1	Conductor cross-section, max.	4 mm ²
Conductor cross-section, min.	0.5 mm ²	Material	Copper alloy
Size	1	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²

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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		

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

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	b67daa31-7dca-434d-8290-da7fb52f83a2
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@503cd359 de.myview.objectmodel.impl.BlockImpl@383766d8 de.myview.objectmodel.impl.BlockImpl@59d4bcff de.myview.objectmodel.impl.BlockImpl@5614dbd0 de.myview.objectmodel.impl.BlockImpl@60847c50 de.myview.objectmodel.impl.BlockImpl@6306c73e de.myview.objectmodel.impl.BlockImpl@1f49bce5 de.myview.objectmodel.impl.BlockImpl@6ff32e87 de.myview.objectmodel.impl.BlockImpl@2c56b9d5 de.myview.objectmodel.impl.BlockImpl@793ca456 de.myview.objectmodel.impl.BlockImpl@2bc08100 de.myview.objectmodel.impl.BlockImpl@5db105e9
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

