

HDC HQ 12 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

The HQ series - big features in a compact design. The electrical characteristics speak for themselves. The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts.

Crimp connection

General ordering data

Version	HDC insert, Female, 400 V, 10 A, Number of poles: 12, Crimp connection, Size: 1
Order No.	1993820000
Type	HDC HQ 12 FC
GTIN (EAN)	4050118378924
Qty.	10 pc(s).

HDC HQ 12 FC

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Technical data

Dimensions and weights

Depth	21 mm	Depth (inches)	0.827 inch
Height	42.8 mm	Height (inches)	1.685 inch
Width	21 mm	Width (inches)	0.827 inch
Net weight	12 g		

Temperatures

Limit temperature	-40 °C ... 120 °C
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Dimensions

Width	21 mm
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General data

BG	1	Colour	black
Free from halogens	false	Insulating material	PA GF
Low smoke acc. DIN EN 45545-2	Yes	Number of poles	12
Number of signal contacts	12	Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500	Pollution severity	3
Rated current (DIN EN 61984)	10 A	Rated impulse voltage (DIN EN 61984)	6 kV
Rated voltage (DIN EN 61984)	400 V	Series	HQ
Signal contact, type	HD	Size	1
Type	Female	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Protection degree	IP65 with corresponding housing

Connection data PE

Connection type PE	Screw connection	Tightening torque, max. PE connection	0.7 Nm
Tightening torque, min. PE connection	0.5 Nm		

Version

BG	1	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.14 mm ²	Size	1
Type of connection	Crimp connection	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.14 mm ²		

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	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
ECLASS 15.0	27-44-02-05		

Substance	Acetone
Chemical resistance	Resistant
Substance	Ammonia, watery

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Technical data

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@190aed4d de.myview.objectmodel.impl.BlockImpl@729a7ec de.myview.objectmodel.impl.BlockImpl@1ad15575 de.myview.objectmodel.impl.BlockImpl@3854364d de.myview.objectmodel.impl.BlockImpl@76fac48f de.myview.objectmodel.impl.BlockImpl@3c261b7b de.myview.objectmodel.impl.BlockImpl@2c4c8b77 de.myview.objectmodel.impl.BlockImpl@35b326ed de.myview.objectmodel.impl.BlockImpl@15cd5268 de.myview.objectmodel.impl.BlockImpl@19bc6e69 de.myview.objectmodel.impl.BlockImpl@5163591a

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
User Documentation	61348_HDC_HQ_12_FC_00_BLATT.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

