

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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Environmental Product Compliance

Chemical resistance	Substance	Acetone
	Chemical resistance	Resistant
	Substance	Ammonia, watery
	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	

Dimensions

Width	21 mm
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General data

BG	1	Insulating material	PA GF
Number of poles	12	Number of signal contacts	12
Plugging cycles, gold	≥ 500	Plugging cycles, silver	≥ 500
Pollution severity	3	Protection degree	IP65 with corresponding housing
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	UL 94 flammability rating	V-0

Connection data PE

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

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Technical data

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	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

Approvals

Approvals



ROHS Conform

Downloads

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

Data sheet

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Drawings

