

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).

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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
Net weight	12 g	Width	21 mm
Width (inches)	0.827 inch		

Temperatures

Limit temperature	-40 °C ... 120 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	
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

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		

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Technical data**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

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
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

Approvals

Approvals



ROHS

Conform

Downloads

Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	61348_HDC_HQ_12_FC_00_BLATT.pdf

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Drawings

