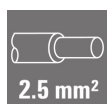
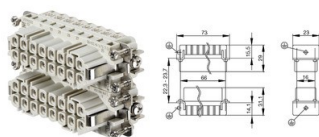


HDC HA 16 FS 17-32



General ordering data

Version	HDC insert, Female, 250 V, 16 A, Number of poles: 16, Screw connection, Size: 5
Order No.	1650900000
Type	HDC HA 16 FS 17-32
GTIN (EAN)	4008190299514
Qty.	1 pc(s).

Dimensions and weights

Depth	73 mm
Depth (inches)	2.874 inch
Height	31.1 mm
Height (inches)	1.224 inch
Width	23 mm
Width (inches)	0.906 inch
Net weight	70 g

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	b67daa31-7dca-434d-8290-da7fb52f83a2

Chemical resistance

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

Dimensions

Height of socket	31.1 mm
Total length base	73 mm
Width	23 mm

General data

BG	5
Colour	beige
Conductor cross-section	2.5 mm ²
Free from halogens	true
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
Max. torque for main contact	0.55 Nm
Min. torque for main contact	0.5 Nm
Number of poles	16

Plugging cycles, silver	≥ 500
Pollution severity	3
Rated current (DIN EN 61984)	16 A
Rated impulse voltage (DIN EN 61984)	4 kV
Rated voltage (DIN EN 61984)	250 V
Rated voltage according to UL/CSA	600 V AC/DC
Series	HA
Size	5
Surface finish	Silver passivated
Type	Female
Type of connection	Screw connection
UL 94 flammability rating	V-0
Volume resistance	≤2 mΩ

Connection data PE

Blade size, slotted (PE connection)	SD 0.8 x 4.0
Connection type PE	Screw connection
Fixing screw	M 4
Rated cross-section	2.5 mm ²
Stripping length PE connection	10 mm
Tightening torque, max. PE connection	1.5 Nm
Tightening torque, min. PE connection	1.2 Nm
Wire cross section, AWG (PE), max.	AWG 14
Wire cross section, AWG (PE), min.	AWG 20

Version

BG	5
Blade size	size PH0
Blade size, slotted (screw connection)	SD 0.6 x 3.5
Clamping screw	M 3
Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.5 mm ²
Material	Copper alloy
Max. torque for main contact	0.55 Nm
Min. torque for main contact	0.5 Nm
Size	5
Stripping length, rated connection	9 mm
Surface finish	Silver passivated
Type of connection	Screw connection
Volume resistance	≤2 mΩ

Wire connection cross section AWG, max.	AWG 14
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
Wire cross-section, solid, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²

Downloads

Approval/Certificate/ Document of Conformity	<u>Manufacturer's declaration</u>
Engineering Data	<u>CAD data -- STEP</u>
Eplan Data Portal	<u>Eplan data</u>
CADENAS eCATALOG	<u>CAX data</u>
WSCAD Universe	<u>WSCAD data</u>
Technical Documentation	<u>1650900000 HDC HA 16 FS 17-32 STP Blatt 1.pdf</u>
Catalogues	<u>Catalogues in PDF-format</u>
Brochures	<u>FL FIELDWIRING EN</u> <u>FL FIELDWIRING EN</u>

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

Approvals

Approvals



ROHS

Conform

Related products:



Order No.: 1650880000
Type: HDC HA 16 MS 17-32

Version:
HDC insert, Male,
250 V, 16 A,
Number of poles:
16, Screw
connection, Size:
5

[PDF data sheet](#)

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