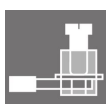
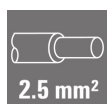
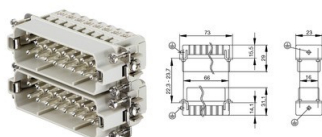


HDC HA 16 MS 17-32



General ordering data

Version	HDC insert, Male, 250 V, 16 A, Number of poles: 16, Screw connection, Size: 5
Order No.	1650880000
Type	HDC HA 16 MS 17-32
GTIN (EAN)	4008190299484
Qty.	1 pc(s).

Dimensions and weights

Depth	73 mm
Depth (inches)	2.874 inch
Height	29 mm
Height (inches)	1.142 inch
Width	23 mm
Width (inches)	0.906 inch
Net weight	66 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 plug	29 mm
Total length base	73 mm
Width	23 mm

General data

BG	5
Colour	beige
Conductor cross-section	2.5 mm²
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	Male
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>1650880000_HDC_HA_16_MS_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

UL File Number Search

[**UL Website**](#)

Certificate No. (cURus)

E92202

Related products:



Order No.: 1650900000

Type: HDC HA 16 FS 17-32

Version:

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

[PDF data sheet](#)[Add to Inquiry List](#)