

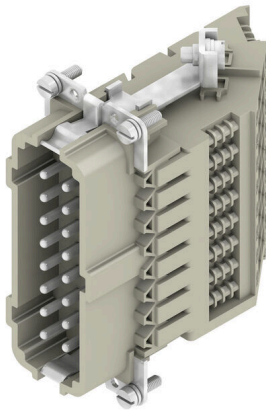
DSTV HE SL16 S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



A heavy-duty connector consists of a connector insert and its protective housing. The insert is therefore the heart of the heavy-duty connector. It is responsible for electrical functioning. Connector inserts from Weidmüller are made from high-quality insulation materials, which allow secure transmission of high voltages in a tight space. Moreover, we use only a single type of plastic in our entire product line. This plastic is UL listed, and suitable for railway applications. This allows unlimited worldwide use of the RockStar® connector.

General ordering data

Version	HDC insert, Pin, 500 V, 16 A, Number of poles: 16, Screw connection, Installation size: 6
Order No.	1848700000
Type	DSTV HE SL16 S
GTIN (EAN)	4032248371976
Qty.	10 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E92202

Dimensions and weights

Net weight	162.62 g
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	d0694b55-f1aa-4d24-a200-c532c6ffc384

General data

Number of poles	16	Plugging cycles, silver	≥ 200
Type of connection	Screw connection	Installation size	6
UL 94 flammability rating	V-0	Volume resistance	≤3 mΩ
Colour	beige	Insulation resistance	1010 Ω
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Insulating material group	IIIa
Surface finish	Silver passivated	Max. torque for main contact	0.7 Nm
Type	Pin	Pollution severity	3
Basic material	Copper alloy	Min. torque for main contact	0.5 Nm
Series	DSTV-HE	Rated voltage (DIN EN 61984)	500 V
Rated voltage according to UL/CSA	600 V AC/DC	Rated impulse voltage (DIN EN 61984)	6 kV
Rated current (DIN EN 61984)	16 A	Free from halogens	false
Low smoke acc. DIN EN 45545-2	Yes	BG	6

Connection data PE

Connection type PE	Screw connection	Blade size, slotted (PE connection)	SD 0.8 x 4.0
Stripping length PE connection	10 mm	Blade size, crosshead	size PZ1
Tightening torque, max. PE connection	1.6 Nm	Tightening torque, min. PE connection	1.2 Nm
Fixing screw	M 4	Rated cross-section	4 mm ²
Wire cross section, AWG (PE), min.	AWG 20	Wire cross section, AWG (PE), max.	AWG 12

Version

Blade size, slotted (screw connection)	SD 0.6 x 3.5	Wire connection cross section AWG, max.	AWG 12
Stripping length, rated connection	12 mm	Type of connection	Screw connection
Installation size	6	Volume resistance	≤3 mΩ
Clamping screw	M 3	Blade size	size PZ0
Wire connection cross section AWG, min.	AWG 20	Wire cross-section, solid, max.	4 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Conductor cross-section, max.	4 mm ²
Conductor cross-section, min.	0.5 mm ²	Surface finish	Silver passivated
Max. torque for main contact	0.7 Nm	Basic material	Copper alloy
Min. torque for main contact	0.5 Nm	BG	6

Classifications

ETIM 8.0	EC002311	ETIM 9.0	EC002311
ETIM 10.0	EC002311	ECLASS 14.0	27-44-02-03
ECLASS 15.0	27-44-02-03		

Drawings

