DSTV HE SR16 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 world-wide use of the RockStar® connector.

General ordering data

Version	HDC insert, Pin, 500 V, 16 A, Number of poles: 16, Screw connection, Size: 6
Order No.	1848760000
Type	DSTV HE SR16 S
GTIN (EAN)	4032248372010
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	184.8 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

General data

Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Insulating material group	IIIa
Insulation strength	10^{10} Ω	Material	Copper alloy
Max. torque for main contact	0.7 Nm	Min. torque for main contact	0.5 Nm
Number of poles	16	Plugging cycles, silver	≥ 200
Pollution severity	3	Rated current (DIN EN 61984)	16 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	500 V
Rated voltage according to UL/CSA	600 V AC/DC	Series	DSTV-HE
Size	6	Surface finish	Silver passivated
Type	Pin	UL 94 flammability rating	V-0
Volume resistance	≤3 mΩ		

Connection data PE

Blade size, crosshead	size PZ1	Blade size, slotted (PE connection)	SD 0.8 x 4.0
Connection type PE	Screw connection	Fixing screw	M 4
Rated cross-section	4 mm²	Stripping length PE connection	10 mm
Tightening torque, max. PE connection	1.6 Nm	Tightening torque, min. PE connection	1.2 Nm
Wire cross section, AWG (PE), max.	AWG 12	Wire cross section, AWG (PE), min.	AWG 20

Version

Blade size	size PZ0	Blade size, slotted (screw connection)	SD 0.6 x 3.5
Clamping screw	M 3	Conductor cross-section, max.	4 mm²
Conductor cross-section, min.	0.5 mm²	Material	Copper alloy
Max. torque for main contact	0.7 Nm	Min. torque for main contact	0.5 Nm
Size	6	Stripping length, rated connection	12 mm
Surface finish	Silver passivated	Type of connection	Screw connection
Volume resistance	≤3 mΩ	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire cross-section, solid, max.	4 mm²
Wire cross-section, solid, min.	0.5 mm²		

Classifications

ETIM 6.0	EC002311	ETIM 7.0	EC002311
ETIM 8.0	EC002311	ECLASS 9.0	27-44-02-03
ECLASS 9.1	27-44-02-03	ECLASS 10.0	27-44-02-03
ECLASS 11.0	27-44-02-03		

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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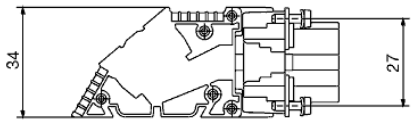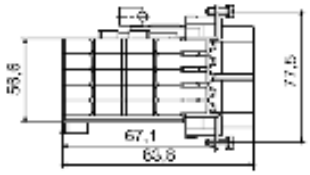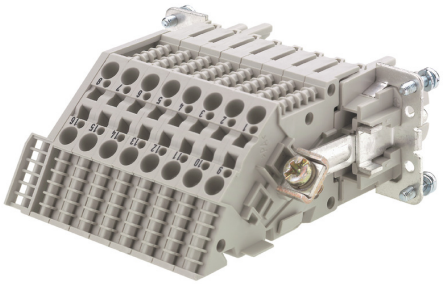
Drawings