

DSTV HE BR6 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, Female, 500 V, 16 A, Number of poles: 6, Screw connection, Size: 3
Order No.	1848600000
Type	DSTV HE BR6 S
GTIN (EAN)	4032248371914
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Net weight	92.4 g
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General data

BG	3	Colour	beige
Free from halogens		Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
	false		
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	0.7 Nm	Min. torque for main contact	0.5 Nm
Number of poles	6	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	3	Surface finish	Silver passivated
Type	Female	Type of connection	Screw connection
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 mm ²	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

BG	3	Blade size	size PZ0
Blade size, slotted (screw connection)	SD 0.6 x 3.5	Clamping screw	M 3
Conductor cross-section, max.	4 mm ²	Conductor cross-section, min.	0.5 mm ²
Material	Copper alloy	Max. torque for main contact	0.7 Nm
Min. torque for main contact	0.5 Nm	Size	3
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 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.	4 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.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²

Classifications

ETIM 6.0	EC002311	ETIM 7.0	EC002311
ETIM 8.0	EC002311	ETIM 9.0	EC002311
ETIM 10.0	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	ECLASS 12.0	27-44-02-03
ECLASS 13.0	27-44-02-03	ECLASS 14.0	27-44-02-03
ECLASS 15.0	27-44-02-03		

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www.weidmueller.com**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	d0694b55-f1aa-4d24-a200-c532c6ffc384

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E92202

Downloads

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

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Drawings

