

**DSTV HE BR24 S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 24, Screw connection, Size: 8
Order No.	<a href="#">1848630000</a>
Type	DSTV HE BR24 S
GTIN (EAN)	4032248371945
Qty.	10 pc(s).

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## Technical data

## Dimensions and weights

Net weight	274.8 g
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## General data

BG	8	Colour	beige
Free from halogens		Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
	false		
Insulating material group	IIIa	Insulation strength	10 <sup>10</sup> 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	24	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	8	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 <sup>2</sup>	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	8	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 <sup>2</sup>	Conductor cross-section, min.	0.5 mm <sup>2</sup>
Material	Copper alloy	Max. torque for main contact	0.7 Nm
Min. torque for main contact	0.5 Nm	Size	8
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 <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>

## Classifications

ETIM 6.0	EC002311	ETIM 7.0	EC002311
ETIM 8.0	EC002311	ETIM 9.0	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

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## Technical data

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	d0694b55-f1aa-4d24-a200-c532c6ffc384

## Approvals

Approvals



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

## Downloads

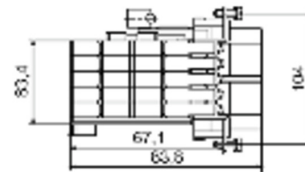
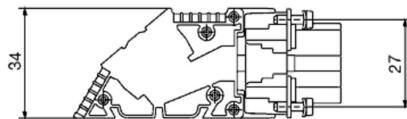
Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

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## Drawings



## DSTV HE BR24 S

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

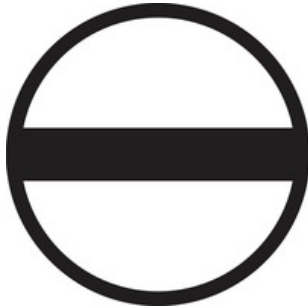
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## Accessories

## Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

## General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">9008330000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	
Type	SDS 0.8X4.0X100	Version
Order No.	<a href="#">9008340000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056293	
Qty.	1 pc(s).	

## Blank



MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	MF 12/5 MC NE WS	Version
Order No.	<a href="#">1677180000</a>	MultiFit, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Phoenix,
GTIN (EAN)	4008190470579	Wieland, Legrand, Telemecanique, Entrelec, WAGO, white
Qty.	600 pc(s).	

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## Accessories

## Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

## General ordering data

Type	SDIS 0.8X4.0X100	Version
Order No.	<a href="#">9008400000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056361	
Qty.	1 pc(s).	
Type	SDIS 0.6X3.5X100	Version
Order No.	<a href="#">9008390000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 pc(s).	

## Blank



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- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

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## General ordering data

Type	MF 10/6 MC NE WS	Version
Order No.	<a href="#">1677220000</a>	MultiFit, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Phoenix,
GTIN (EAN)	4008190475529	Wieland, Legrand, Telemecanique, Entrelec, white
Qty.	600 pc(s).	