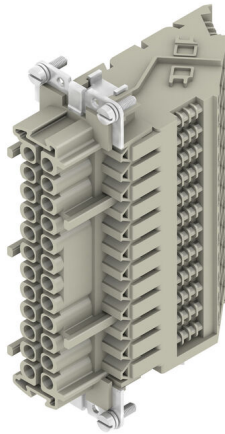


**DSTV HE BR24 S****Weidmüller Interface GmbH & Co. KG**

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 worldwide use of the RockStar® connector.

**General ordering data**

|            |                                                                                              |
|------------|----------------------------------------------------------------------------------------------|
| Version    | HDC insert, Female, 500 V, 16 A, Number of poles: 24, Screw connection, Installation size: 8 |
| Order No.  | <a href="#">1848630000</a>                                                                   |
| Type       | DSTV HE BR24 S                                                                               |
| GTIN (EAN) | 4032248371945                                                                                |
| Qty.       | 10 items                                                                                     |

## DSTV HE BR24 S

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## Technical data

## Approvals

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UR)  | E92202                     |

## Dimensions and weights

|            |       |
|------------|-------|
| Net weight | 270 g |
|------------|-------|

## 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                       | 24                | Tightening torque                     | 0.5 Nm                                                      |
| Plugging cycles, silver               | ≥ 200             | Type of connection                    | Screw connection                                            |
| Installation size                     | 8                 | 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              | Tightening torque, max. PE connection | 1.6 Nm                                                      |
| Surface finish                        | Silver passivated | Max. torque for main contact          | 0.7 Nm                                                      |
| Type                                  | Female            | Pollution severity                    | 3                                                           |
| Tightening torque, min. PE connection | 1.2 Nm            | 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                                    | 8                 |                                       |                                                             |

## 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 PZ 1         |
| 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 <sup>2</sup> |
| 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                      | 8            | Volume resistance                       | ≤3 mΩ            |
| Clamping screw                         | M 3          | Blade size                              | size PZ0         |

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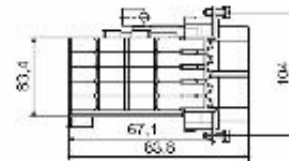
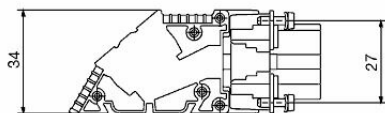
## Technical data

|                                                                                         |                     |                                                                                         |                   |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|-------------------|
| Wire connection cross section AWG, min.                                                 | AWG 20              | Wire cross-section, solid, max.                                                         | 4 mm <sup>2</sup> |
| Wire cross-section, solid, 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 connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> | Conductor cross-section, max.                                                           | 4 mm <sup>2</sup> |
| Conductor cross-section, min.                                                           | 0.5 mm <sup>2</sup> | 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                                                                                      | 8                 |

## 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



## DSTV HE BR24 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 0.6X3.5X100           | Version                  |
| Order No.  | <a href="#">9008390000</a> | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056354              |                          |
| Qty.       | 1 ST                       |                          |
| Type       | SDS 0.6X3.5X100            | Version                  |
| Order No.  | <a href="#">9008330000</a> | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056286              |                          |
| Qty.       | 1 ST                       |                          |
| Type       | SDIS 0.8X4.0X100           | Version                  |
| Order No.  | <a href="#">9008400000</a> | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056361              |                          |
| Qty.       | 1 ST                       |                          |
| Type       | SDS 0.8X4.0X100            | Version                  |
| Order No.  | <a href="#">9008340000</a> | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056293              |                          |
| Qty.       | 1 ST                       |                          |

## 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 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, Entelec, white                      |
| Qty.       | 600 ST                     |                                                                      |

## Accessories

|            |                            |                                                                      |
|------------|----------------------------|----------------------------------------------------------------------|
| 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 ST                     |                                                                      |