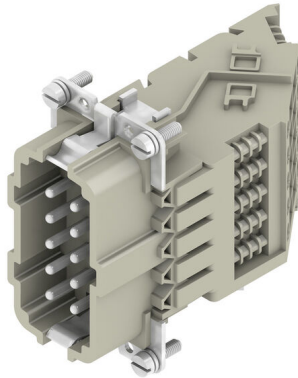


**DSTV HE SR10 S****Weidmüller Interface GmbH & Co. KG**

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, Pin, 500 V, 16 A, Number of poles: 10, Screw connection, Installation size: 4 |
| Order No.  | <a href="#">1848750000</a>                                                                |
| Type       | DSTV HE SR10 S                                                                            |
| GTIN (EAN) | 4032248372003                                                                             |
| Qty.       | 10 items                                                                                  |

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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 | 113.43 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                       | 10                | Tightening torque                     | 0.5 Nm                                                      |
| Plugging cycles, silver               | ≥ 200             | Type of connection                    | Screw connection                                            |
| Installation size                     | 4                 | 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                                  | Pin               | 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                                    | 4                 |                                       |                                                             |

## 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 <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                      | 4            | 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                                                                                      | 4                 |

**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

