

**HDC-KIT-HE 16.121****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



HDC kits are standardized kits for assembling complete plug-in connectors.

The HDC kits normally consist of a male insert, a female insert, a plug housing, a bulkhead housing and a cable gland.

Weidmüller offers a range of standard connector combinations with metric or PG cable entry threads.

The wire connection level is designed as a screw element. All screw connections are equipped with a wire protection spring.

**General ordering data**

|            |   |
|------------|---|
| Version    | RockStar® HDC kits-Heavy-duty connectors, Kit, HE, Installation size: 6, Poles: 16, Screw connection, 500 V, 16 A, diecast aluminium, PG 21 |
| Order No.  | <a href="#">1712680000</a>  |
| Type       | HDC-KIT-HE 16.121   |
| GTIN (EAN) | 4008190947910   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Net weight 642 g

## Temperatures

Limit temperature -40 °C ... 100 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3

SCIP bfb1c983-6f18-4ba4-8907-38aad6aee076

## General data

|                |                |                   |      |
|----------------|----------------|-------------------|------|
| Surface finish | Powder coating | Protection degree | IP65 |
| Series         | HE             |                   |      |

## Version

|                                |                                  |                              |                  |
|--------------------------------|----------------------------------|------------------------------|------------------|
| Size of cable entries          | PG 21                            | Number of cable entry on top | 1                |
| Number of cable entry sideways | 0                                | Type of connection           | Screw connection |
| Design of locking system       | Side-locking clamp on lower side | Installation size            | 6                |
| Sealing                        | NBR                              | Colour (RAL)                 | RAL 7035         |
| BG                             | 6                                |                              |                  |

## General data

|                              |                   |                              |                  |
|------------------------------|-------------------|------------------------------|------------------|
| Number of poles              | 16                | Connection type PE           | Screw connection |
| Installation size            | 6                 | Cable gland                  | PG 21            |
| Basic material               | diecast aluminium | Series                       | HE               |
| Rated voltage (DIN EN 61984) | 500 V             | Rated current (DIN EN 61984) | 16 A             |
| BG                           | 6                 |                              |                  |

## Version

|                               |                     |                               |                     |
|-------------------------------|---------------------|-------------------------------|---------------------|
| Type of connection            | Screw connection    | Installation size             | 6                   |
| Conductor cross-section, max. | 2.5 mm <sup>2</sup> | Conductor cross-section, min. | 0.5 mm <sup>2</sup> |
| Surface finish                | Powder coating      | Max. torque for main contact  | 0.55 Nm             |
| Basic material                | diecast aluminium   | Min. torque for main contact  | 0.5 Nm              |
| BG                            | 6                   |                               |                     |

## Classifications

|           |          |             |             |
|-----------|----------|-------------|-------------|
| ETIM 8.0  | EC002943 | ETIM 9.0    | EC002943    |
| ETIM 10.0 | EC002943 | ECLASS 14.0 | 27-44-02-92 |

**Technical data**

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ECLASS 15.0

27-44-02-92

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**Accessories**

**HDC COS**

Various accessories are available for our inserts. This includes coding elements for the inserts.



**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC COS 16                 | Version   |
| Order No.  | <a href="#">1431000000</a> | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4008190052706              |   |
| Qty.       | 1 ST                       |   |
| Type       | HDC COS 24                 | Version   |
| Order No.  | <a href="#">1430900000</a> | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4008190077228              |   |
| Qty.       | 1 ST                       |   |
| Type       | HDC COS 32                 | Version   |
| Order No.  | <a href="#">1430800000</a> | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4008190176181              |   |
| Qty.       | 1 ST                       |   |

**SPB**

Various accessories are available for our inserts. This includes coding elements for the inserts.



**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | SPB-M 3                    | Version  |
| Order No.  | <a href="#">1203600000</a> | Heavy-duty connectors, Accessories, Lock bolts |
| GTIN (EAN) | 4008190120047              |  |
| Qty.       | 100 ST                     |  |