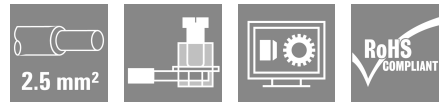
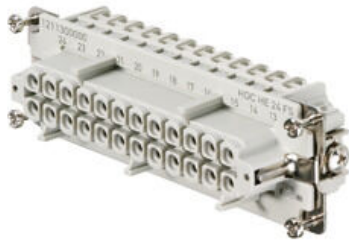


HDC HE 24 FS



For the screw connection, the wire connection level is designed as a screw element. All screw connections are equipped with a wire protection spring (with the exception of size 1).

Number of poles: 24

Rated current: 16 A

Rated voltage: 500 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

General ordering data

| | |
|------------|--|
| Version | HDC insert, Female, 500 V, 16 A, Number of poles: 24, Screw connection, Installation size: 8 |
| Order No. | 1211300000 |
| Type | HDC HE 24 FS |
| GTIN (EAN) | 4008190067298 |
| Qty. | 1 items |

HDC HE 24 FS

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 111 mm | Depth (inches) | 4.3701 inch |
| Height | 35.2 mm | Height (inches) | 1.3858 inch |
| Width | 34 mm | Width (inches) | 1.3386 inch |
| Net weight | 138 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °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 | e98b2b24-ba23-41bf-8d19-Odda3647412f |

| | | |
|---------------------|--------------------------|---------------------------|
| Chemical resistance | Substance | Acetone |
| | Chemical resistance | Resistant |
| | Substance | Ammonia, watery |
| | Chemical resistance | Conditionally resistant |
| | Substance | Petrol |
| | Chemical resistance | Resistant |
| | Substance | Benzene |
| | Chemical resistance | Resistant |
| | Substance | Diesel oil |
| | Chemical resistance | Conditionally resistant |
| | Substance | Acetic acid, concentrated |
| | Chemical resistance | Resistant |
| | Substance | Potassium hydroxide |
| | Chemical resistance | Conditionally resistant |
| | Substance | Methanol |
| | Chemical resistance | Conditionally resistant |
| | Substance | Motor oil |
| | Chemical resistance | Conditionally resistant |
| | Substance | Lye, diluted |
| | Chemical resistance | Resistant |
| Substance | Hydrochlorofluorocarbons | |
| Chemical resistance | Conditionally resistant | |
| Substance | Outdoor use | |
| Chemical resistance | Conditionally resistant | |

Dimensions

| | | | |
|------------------|---------|-------------------|--------|
| Width | 34 mm | Total length base | 111 mm |
| Height of socket | 35.2 mm | | |

HDC HE 24 FS

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Technical data

General data

| | | | |
|--------------------------------------|---|-----------------------------------|--------|
| Number of poles | 24 | | |
| Plugging cycles, silver | ≥ 500 | | |
| Plugging cycles, gold | ≥ 500 | | |
| Type of connection | Screw connection | | |
| Installation size | 8 | | |
| UL 94 flammability rating | V-0 | | |
| Volume resistance | ≤2 mΩ | | |
| Colour | beige | | |
| Insulation resistance | 1010 Ω | | |
| Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) | | |
| Insulating material group | IIIa | | |
| Conductor cross-section | 2.5 mm ² | | |
| Surface finish | Silver passivated | | |
| Max. torque for main contact | 0.7 Nm | | |
| Type | Female | | |
| Pollution severity | 3 | | |
| Basic material | Copper alloy | | |
| Min. torque for main contact | 0.6 Nm | | |
| Series | 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 | | |
| Rated current (UR) | Wire connection cross section AWG | AWG 12 | |
| | Rated current | 20 A | |
| | Wire connection cross section AWG | AWG 14 | |
| | Rated current | 15 A | |
| | Wire connection cross section AWG | AWG 16 | |
| | Rated current | 10 A | |
| | Wire connection cross section AWG | AWG 18 | |
| | Rated current | 7 A | |
| | Wire connection cross section AWG | AWG 20 | |
| | Rated current | 5 A | |
| | Rated current (cUR) | Wire connection cross section AWG | AWG 12 |
| | | Rated current | 19.7 A |
| | | Wire connection cross section AWG | AWG 14 |
| | | Rated current | 15 A |
| Wire connection cross section AWG | | AWG 16 | |
| Rated current | | 11.3 A | |
| Wire connection cross section AWG | | AWG 18 | |
| Rated current | | 10.3 A | |
| Wire connection cross section AWG | | AWG 20 | |
| Rated current | | 8 A | |
| Free from halogens | true | | |
| Low smoke acc. DIN EN 45545-2 | Yes | | |
| BG | 8 | | |
| Number of signal contacts | 0 | | |
| Number of power contacts | 24 | | |

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 | Tightening torque, max. PE connection | 1.5 Nm |
| Tightening torque, min. PE connection | 1.2 Nm | Fixing screw | M 4 |
| Rated cross-section | 4 mm ² | Wire cross section, AWG (PE), min. | AWG 20 |

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Technical data

Wire cross section, AWG (PE), max. AWG 12

Power contact

Tightening torque, max. 0.7 Nm Tightening torque, min. 0.6 Nm

Signal contact

Tightening torque, max. 0.7 Nm Tightening torque, min. 0.6 Nm

Version

| | | | |
|--|---------------------|---|---------------------|
| Blade size, slotted (screw connection) | SD 0.6 x 3.5 | Wire connection cross section AWG, max. | AWG 14 |
| Stripping length, rated connection | 9 mm | Type of connection | Screw connection |
| Installation size | 8 | Volume resistance | ≤2 mΩ |
| Clamping screw | M 3 | Blade size | size PH1 |
| Wire connection cross section AWG, min. | AWG 20 | Wire cross-section, solid, max. | 2.5 mm ² |
| Wire cross-section, solid, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Conductor cross-section, max. | 2.5 mm ² | Conductor cross-section, min. | 0.5 mm ² |
| Surface finish | Silver passivated | Max. torque for main contact | 0.7 Nm |
| Basic material | Copper alloy | Min. torque for main contact | 0.6 Nm |
| BG | 8 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ETIM 10.0 | EC000438 | ECLASS 14.0 | 27-44-02-05 |
| ECLASS 15.0 | 27-44-02-05 | | |



HDC HE 24 FS

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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. | 9008390000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056354 | |
| Qty. | 1 ST | |
| Type | SDS 0.6X3.5X100 | Version |
| Order No. | 9008330000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 ST | |
| Type | SDIS 0.8X4.0X100 | Version |
| Order No. | 9008400000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056361 | |
| Qty. | 1 ST | |
| Type | SDS 0.8X4.0X100 | Version |
| Order No. | 9008340000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056293 | |
| Qty. | 1 ST | |

Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDIK PH1 | Version |
| Order No. | 9008570000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056569 | |
| Qty. | 1 ST | |
| Type | SDK PH1 | Version |
| Order No. | 9008480000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056477 | |
| Qty. | 1 ST | |

Accessories**DSTV**

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

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | DSTV COBU5 | Version | |
| Order No. | 1471500000 | Heavy-duty connectors, Accessories, Coding element | |
| GTIN (EAN) | 4008190178543 | | |
| Qty. | 100 ST | | |
| Type | DSTV COST4 | Version | |
| Order No. | 1471300000 | Heavy-duty connectors, Accessories, Coding System | |
| GTIN (EAN) | 4008190017354 | | |
| Qty. | 100 ST | | |