

**HDC insert
HDC HA 4 MS**

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The small and slim HA series can be used wherever space is limited.

The wire connection level is designed for screw connections.

Pole count: 3 - 4

Rated current: 16 A

Rated voltage: 400 V

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

TOP screw connection

General ordering data

| | |
|------------|---|
| Type | HDC HA 4 MS |
| Order No. | 1498300000 |
| Version | HDC insert, Male, 400 V, 16 A, No. of poles: 4, Screw connection, Size: 1 |
| GTIN (EAN) | 4008190006471 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------|---------|------------|-------|
| Length | 21 mm | Width | 21 mm |
| Height | 36.5 mm | Net weight | 20 g |

General data

| | | | |
|--------------------------------------|---------------------|-----------------------------------|---|
| Size | 1 | Series | HA |
| Rated voltage (DIN EN 61984) | 400 V | Rated voltage according to UL/CSA | 600 V AC/DC |
| Rated impulse voltage (DIN EN 61984) | 4 kV | Rated current (DIN EN 61984) | 16 A |
| UL 94 flammability rating | V-0 | Insulating material group | IIIa |
| Insulation resistance | 10 ¹⁰ Ω | Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) |
| Conductor cross-section | 2.5 mm ² | No. of poles | 4 |
| Plugging cycles, silver | ≥ 500 | Operating temperature range, min. | -40 °C |
| Operating temperature range, max. | 125 °C | Pollution severity | 3 |
| Type | Male | | |

Connection data PE

| | | | |
|--|---------------------|--|---------------------|
| Stripping length PE connection | 15 mm | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section AWG, min. | AWG 20 |
| Wire connection cross section AWG, max. | AWG 14 | Wire cross-section, solid, min. | 0.5 mm ² |
| Wire cross-section, solid, max. | 2.5 mm ² | Connection type PE | Screw connection |
| Tightening torque, max. PE connection | 0.5 Nm | Rated cross-section | 2.5 mm ² |
| Fixing screw | M 3 | Blade size, slotted (PE connection) | SD 0.6 x 3.5 |

Rating data

| | | | |
|------------------------------|-------|--------------------------------------|-------------|
| Rated current (DIN EN 61984) | 16 A | Rated impulse voltage (DIN EN 61984) | 4 kV |
| Rated voltage (DIN EN 61984) | 400 V | Rated voltage according to UL/CSA | 600 V AC/DC |

Version

| | | | |
|---|--------------|---|-------------------|
| Wire connection cross section AWG, min. | AWG 20 | Wire connection cross section AWG, max. | AWG 14 |
| Stripping length, rated connection | 15 mm | Type of connection | Screw connection |
| Max. torque for main contact | 0.5 Nm | Size | 1 |
| Volume resistance | ≤ 2mΩ | Clamping screw | M 3 |
| Blade size, slotted (screw connection) | SD 0.6 x 3.5 | Surface finish | Silver passivated |
| Material | Copper alloy | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001121 | UNSPSC | 30-21-18-01 |
| eClass 5.1 | 27-14-34-19 | eClass 6.2 | 27-26-12-04 |
| eClass 7.1 | 27-44-02-05 | | |

Product information

| | |
|---------------------------------|---|
| Descriptive text technical data | Rated voltage line-to-earth: 230 V Rated voltage line-to-line: 400 V. Only use wire end ferrules without plastic collar. |
| Descriptive text accessories | Accessories, see chapter J - Tools, see chapter K |

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Catalogue status 28.04.2014 / We reserve the right to make technical changes.

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Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform