

HDC insert HDC HA 10 MT

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

The wire connection level is designed for crimp contacts. Thus practically no servicing is required. In addition, a secure and permanent connection is established which is resistant to vibrations.

Pole count: 10

Rated current: 22 A

Rated voltage 250 V

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

Tension clamp connection

General ordering data

| | |
|------------|------------------------------------------------------------------------------------|
| Type | HDC HA 10 MT |
| Order No. | 1896790000 |
| Version | HDC insert, Male, 250 V, 22 A, No. of poles: 10, Tension clamp connection, Size: 2 |
| GTIN (EAN) | 4032248592395 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|--------|---------|------------|-------|
| Length | 56.6 mm | Width | 23 mm |
| Height | 29 mm | Net weight | 43 g |

Dimensions

| | | | |
|----------------|-------|-------------------|---------|
| Height of plug | 29 mm | Total length base | 56.6 mm |
|----------------|-------|-------------------|---------|

General data

| | | | |
|--------------------------------------|---------------------|-----------------------------------|-------------------------------------------------------------|
| Size | 2 | Series | HA |
| Rated voltage (DIN EN 61984) | 250 V | Rated voltage according to UL/CSA | 600 V AC/DC |
| Rated impulse voltage (DIN EN 61984) | 4 kV | Rated current (DIN EN 61984) | 22 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 | 10 |
| 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 | 10 mm | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² | Wire connection cross section AWG, min. | AWG 24 |
| 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, min. PE connection | 1.2 Nm | Tightening torque, max. PE connection | 1.5 Nm |
| Rated cross-section | 2.5 mm ² | Fixing screw | M 4 |
| Blade size, crosshead | size PH1 | Blade size, slotted (PE connection) | SD 0.8 x 4.0 |

Rating data

| | | | |
|------------------------------|-------|--------------------------------------|-------------|
| Rated current (DIN EN 61984) | 22 A | Rated impulse voltage (DIN EN 61984) | 4 kV |
| Rated voltage (DIN EN 61984) | 250 V | Rated voltage according to UL/CSA | 600 V AC/DC |

Version

| | | | |
|-----------------------------------------|--------------|-----------------------------------------|--------------------------|
| Wire connection cross section AWG, min. | AWG 24 | Wire connection cross section AWG, max. | AWG 14 |
| Stripping length, rated connection | 8 mm | Type of connection | Tension clamp connection |
| Size | 2 | Volume resistance | ≤ 2mΩ |
| Blade size, slotted (screw connection) | SD 0.5 x 3.0 | Surface finish | Silver passivated |
| Material | Copper alloy | | |

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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 320 V / 4 kV at pollution degree 2 |
| Descriptive text accessories | Accessories, see chapter J - Tools, see chapter K |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---------------------------|---------------------------------------------------------|
| PDF | 1896790000_HDC_HA_10_MT_STP_Blatt_1.pdf |
| IGES | 1896790000_HDC_HA_10_MT_STP.igs |
| VRML | 1896790000_HDC_HA_10_MT_STP.wrl |
| 3-D model | |